

west virginia department of environmental protection

Office of Oil and Gas 601 57th Street, S.E. Charleston, WV 25304 (304) 926-0450 fax: (304) 926-0452

Austin Caperton, Cabinet Secretary www.dep.wv.gov

Monday, September 21, 2020 PERMIT MODIFICATION APPROVAL Horizontal 6A / New Drill

TUG HILL OPERATING, LLC 380 SOUTHPOINTE BOULEVARD, PLAZA II SUITE 200 CANONSBURG, PA 15317

Permit Modification Approval for HUDSON S-11HU Re:

47-051-02296-00-00

Extended Lateral

TUG HILL OPERATING, LLC

The Office of Oil and Gas has reviewed the attached permit modification for the above referenced permit. The attached modification has been approved and well work may begin. Please be reminded that the oil and gas inspector is to be notified twenty-four (24) hours before permitted well work is commenced.

If there are any questions, please feel free to contact me at (304) 926-0450.

James A. Martin

Chief

Operator's Well Number: HUDSON S-11HU

Farm Name: CNX LAND LLC

U.S. WELL NUMBER: 47-051-02296-00-00

Horizontal 6A New Drill Date Modification Issued: 9/18/2020

Promoting a healthy environment.



west virginia department of environmental protection

Oil and Gas Conservation Commission 601 57th Street SE, Charleston, WV 25304 304-414-1239

Randall M. Albert, Chairman dep.wv.gov

August 19, 2020

Department of Environmental Protection Office of Oil and Gas Charleston, WV 25304

RE: Application for Deep Well Permit - API #47-051-02296

COMPANY: Tug Hill Operating, LLC

FARM: CNX Land, LLC

Hudson S-11HU

COUNTY:

Marshall

DISTRICT: Meade

QUAD: Glen Easton

The deep well review of the application for the above company is **Approved to drill to Trenton for Point Pleasant completion.**

The applicant has complied with the provision of Chapter 22C-9, of the Code of West Virginia, nineteen hundred and thirty-one (1931), as amended, Oil and Gas Conservation Commission as follows:

- 1. Comments to Notice of Deviation filed? No.
- 2. Provided a certified copy of duly acknowledged and recorded consent and easement form from all surface owners? Yes
- 3. Provided a tabulation of all deep wells within one mile of the proposed location, including the API number of all deep wells: **yes
- 4. Provided a plat showing that the productive interval of the well meets the requirements of the Rules of the Commission W. Va. C.S.R. § 39-1-4.2.

Sincerely,

Susan Rose Administrator

^{**} Hudson S-13HU 47-051-02293; Hudson S-12HU 47-051-02292; Ten High 1N-20HU 47-051-02021, Ten High 1N-13HU 47-051-01965; Ten High 1N-12HU 47-051-01961; Ten High 1N-11HU 47-051-01960; Ten High 1S-17HU 47-051-02033; Ten High 1S-16HU 47-051-02028; Ten High 1S-15HU 47-051-02027; Ten High 1S-14HU 47-051-01966; Fitzgerald S-18HU 47-051-02325; Fitzgerald S-19HU 47-051-02326

部队 | 949 科能0559 CERTIFICATE OF CONSENT AND EASEMENT

The undersigned, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged, being all the owners of the surface of that certain lot, tract or parcel of land located in Meade District, Marshall County, State of West Virginia, shown on the attached plat or survey, hereby consents and grants an easement, pursuant to West Virginia Code, Section 22C-9-7(b)(4) and Operating Rule 4.4 of the Rules and Regulations of the West Virginia Oil and Gas Conservation Commission, to TH Exploration LLC, its successors or assigns, for the drilling and operation of a deep well for the production of oil or gas at the location shown on the attached plat or survey (parcels 9-3-1 and 9-3-1.3).

Executed this 9^{+4} day of May, 2019.

Marshall County
Jan Pest, Clerk
Instrument 1454067
05/13/2019 @ 01:53:38 PM
RIGHT OF WAY W/O CONSIDERATION
Book 1040 @ Page 559

CNX LAND, INC.

Pages Recorded 2 Recording Cost \$

11.00

By:

Enc A. Lame

TT*00

Name: Title:

Assist was drawners

COMMONWEALTH OF PENNSYLVANIA

SS:

COUNTY OF WASHINGTON

On this, the 4th day of May, 2019, before me, a notary public, the undersigned officer, personally appeared Erich who acknowledged himself/herself to be the state of CNX Land, Inc. and that he/she as such, being authorized to do so, executed the foregoing instrument for the purposes therein contained by signing the name of the company by himself/herself as Assistant Vice President.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

COMMONWEALTH OF PENNSYLVANIA

NOTARIAL SEAL

Mark W. Anderson, Notary Public
City of Pittsburgh, Allegheny County
My Commission Expires Sept. 14, 2021

MEMBER, PENNSYLVANIAASSOCIATION OF NOTARIES

My Commission Expires: 9/14/2021
Signature/Notary Public: 12/12/2021
Name/Notary Public (print): Mark by Anglesso,

This instrument prepared by: WV Oil and Gas Conservation Commission 601 57th Street Charleston, WV 25304

4838-2618-8605v2

ERC 1706 - Hudson Pad

RECEIVED
Office of Oil and Gas

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PLAT



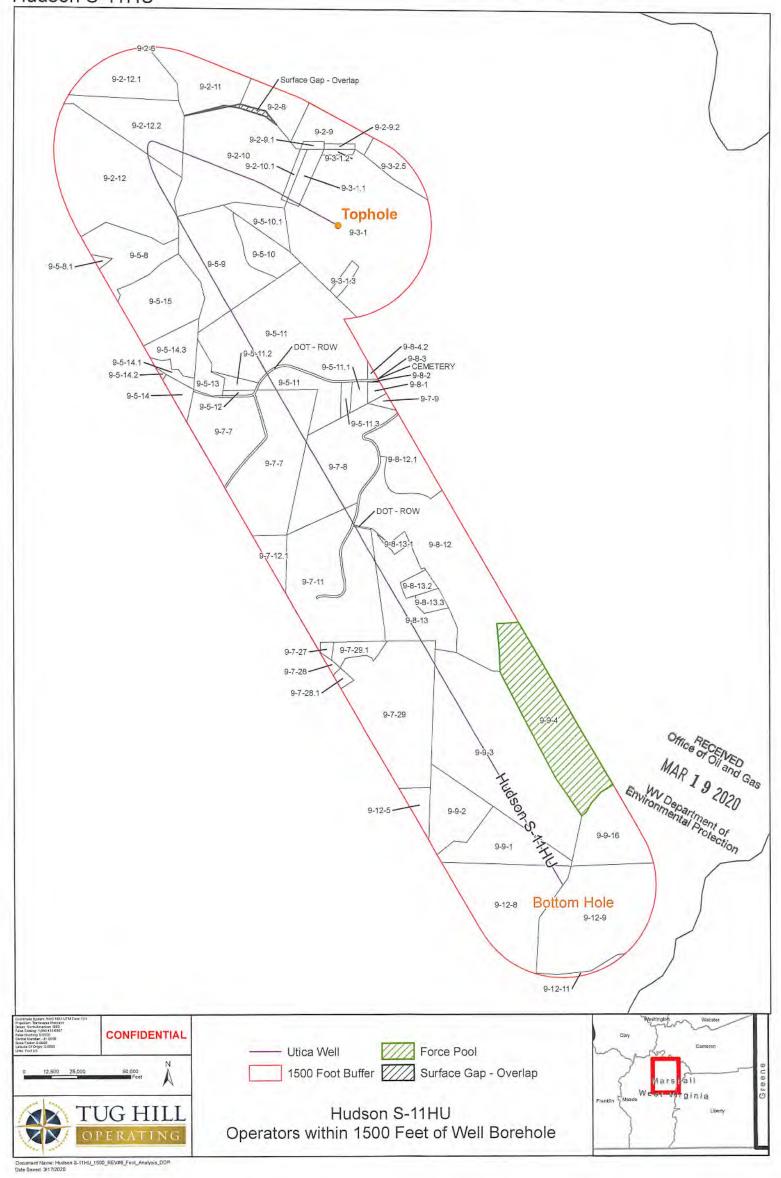
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Office of Oil and Gas

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Project a)

ERC 1706 - Hudson Pad



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MARSHALL	MEADE	9-12-11	TH EXPLORATION LLC	Fort Worth,TX 76107





west virginia department of environmental protection

Oil and Gas Conservation Commission 601 57th Street SE, Charleston, WV 25304 304-414-1239

Randall M. Albert, Chairman dep.wv.gov

April 7, 2020

TH Exploration, LLC 1320 S. University Dr Ste 500 Ft Worth TX 76107

9489 0090 0027 6201 4366 99

RE:

Intentional Deviation of New Deep Well

Tug Hill Operating, LLC – Hudson S-11HU

Dear Sir or Ma'am:

Please be advised that Tug Hill Operating, LLC, has applied to the Oil and Gas Conservation Commission for approval to intentionally deviate a new deep well. The Code of State Regulations Title 39 Section 1.4.10 requires that the Commission notify the offset operators of the applicants' intent to deviate the proposed well. You are receiving this notice because you are listed as an offset operator (unleased mineral owner is also an "offset operator") to the proposed well. Any offset operator has ten days to object to the Commissions' granting approval to the proposed deviations. If you file an objection, the Commission will schedule a hearing and you will be notified of the date and time to attend.

A copy of the location plat is enclosed for your review. If no objection(s) are received within ten 10 days from the date of delivery, the application will be processed in the normal manner.

If you have any questions please call me at (304) 414-1239.

Sincerely,

Administrator

encl:



April 30, 2020

4705102296

Dear Susan Rose:

The following is in response to your request for proof of delivery on your item with the tracking number: 9489 0090 0027 6201 4366 99.

Item Details

Status: Delivered, Front Desk/Reception/Mail Room

Status Date / Time: April 14, 2020, 12:41 pm Location: FORT WORTH, TX 76107

Postal Product: First-Class Mail®
Extra Services: Certified Mail™

Return Receipt Electronic

Shipment Details

Weight: 7lb, 7.6oz

Recipient Signature

Signature of Recipient:

JB R+#711 Covid-19

1320 S University

Address of Recipient:

107 500

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Sincerely, United States Postal Service® 475 L'Enfant Plaza SW Washington, D.C. 20260-0004



west virginia department of environmental protection

Oil and Gas Conservation Commission 601 57th Street SE, Charleston, WV 25304 304-414-1239

Randall M. Albert, Chairman dep.wv.gov

April 7, 2020

Chevron USA Inc. 700 Cherrington Pkwy Coraopolis PA 15108

9489 0090 0027 6201 4367 05

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Tug Hill Operating, LLC - Hudson S-11HU

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Sincerely,

Susan Rose Administrator

encl:



April 30, 2020

4705102296

Dear Susan Rose:

The following is in response to your request for proof of delivery on your item with the tracking number: 9489 0090 0027 6201 4367 05.

Item Details

Status:

Delivered, Left with Individual

Status Date / Time:

April 13, 2020, 1:43 pm

Location:

CORAOPOLIS, PA 15108

Postal Product: Extra Services: First-Class Mail®

Certified Mail™

Return Receipt Electronic

Shipment Details

Weight:

7lb, 7.4oz

Recipient Signature

Signature of Recipient:

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Address of Recipient:

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Sincerely, United States Postal Service® 475 L'Enfant Plaza SW Washington, D.C. 20260-0004



west virginia department of environmental protection

Oil and Gas Conservation Commission 601 57th Street SE, Charleston, WV 25304 304-414-1239

Randall M. Albert, Chairman dep.wv.gov

April 7, 2020

CNX Gas Company, LLC 1000 Consol Energy Dr Canonsburg PA 15301 9489 0090 0027 6201 4367 12

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Sincerely,

Susan Rose Administrator

encl:



April 30, 2020

Dear Susan Rose:

UNITED STATES

The following is in response to your request for proof of delivery on your item with the tracking number: 9489 0090 0027 6201 4367 12.

Item Details

Status: Delivered, Left with Individual

Status Date / Time: April 13, 2020, 10:56 am

Location: CANONSBURG, PA 15317

Postal Product: First-Class Mail® Extra Services: Certified Mail™

Return Receipt Electronic

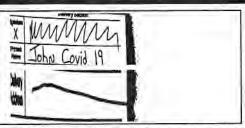
Shipment Details

Weight: 7lb, 7.5oz

Recipient Signature

Signature of Recipient:

Address of Recipient:



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Sincerely, United States Postal Service® 475 L'Enfant Plaza SW Washington, D.C. 20260-0004



west virginia department of environmental protection

Oil and Gas Conservation Commission 601 57th Street SE, Charleston, WV 25304 304-414-1239

Randall M. Albert, Chairman dep.wv.gov

April 7, 2020

Larry L. Conkle Donna D. Conkle 154 Conkle Dr Glen Easton WV 26039 9489 0090 0027 6201 4367 29

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Sincerely,

Susan Rose Administrator

w Rose

encl:



April 30, 2020

4705102296

Dear Susan Rose:

The following is in response to your request for proof of delivery on your item with the tracking number: 9489 0090 0027 6201 4367 29.

Item Details

Status:

Delivered to Agent for Final Delivery

Status Date / Time:

April 13, 2020, 2:09 pm

Location:

GLEN EASTON, WV 26039

Postal Product: Extra Services: First-Class Mail®

Certified Mail™

Return Receipt Electronic

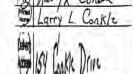
Shipment Details

Weight:

3lb, 8.6oz

Recipient Signature

Signature of Recipient: (Authorized Agent)



Address of Recipient:

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

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Sincerely, United States Postal Service® 475 L'Enfant Plaza SW Washington, D.C. 20260-0004

API NO.47750 5-102296

OPERATOR WELL NO. Hudson S-11HU
Well Pad Name: Hudson

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS WELL WORK PERMIT APPLICATION

1) Well Operato	or: Tug Hill O	perating, L	LC	494510851	Marshall	Meade	Glen Easton 7.5'
				Operator ID	County	District	Quadrangle
2) Operator's W	Vell Number: <u></u>	ludson S-1	1HU	Well Pad	Name: Hudso	on	
3) Farm Name/	Surface Owner	CNX Land	d, LLC	Public Road	d Access: Rob	erts Ridge	Road (CR 21)
4) Elevation, cu	rrent ground:	1370'	Ele	evation, proposed p	oost-constructio	n: 1344.8	1'
5) Well Type	(a) Gas X		Oil		rground Storag		
	Other		·				
	(b)If Gas Sh	allow _		Deep	Х		,
	Н	orizontal <u>x</u>			nc	3/11/202	_E
6) Existing Pad	: Yes or No N	0				3/16/	
· •	_		-	pated Thickness and pressure of approx. 9500 psi.	nd Expected Pro	essure(s):	
-	-			and pressure of approx. Soco psi.			
8) Proposed To	tal Vertical Dep	oth: 11,901	1			-	
9) Formation at	Total Vertical	Depth: Tre	enton, p	olug back to Reed	sville	<u>,</u>	
10) Proposed To	otal Measured	Depth: 25,	,605'	•			
11) Proposed H	orizontal Leg I	ength: 12,	851.99)' ,			
12) Approxima	te Fresh Water	Strata Depth	ıs:	70' ; 978'			
13) Method to I	Determine Fres	h Water Dep	oths: 0	ffset well reports or not	ticeable flow at the	flowline or wh	nen need to start soaping
14) Approxima		-					
15) Approxima	te Coal Seam D	epths: Sew	vickley	Coal - 886' ; Pitts	burgh Coal - 9	72'	
				ne, karst, other): _r			RECEIVED Office of Oil and Gas
17) Does Propo				\ \ /	NI.		MAR 1 9 2020
directly overlying	ng or adjacent 1	o an active i	mine?	Yes X	No	Fn	WV Department of
(a) If Yes, pro	vide Mine Info	: Name:	Mars	hall County Coal	Co./Marshall (County Mir	vironmental Protection
		Depth:	1059'	TVD and 291' su	bsea level		
		Seam:	Pittsb	urgh #8		.,	
		Owner:	Murra	y Energy / Consc	olidated Coal C	Co.	

API NO. 47- 051 -

OPERATOR WELL NO. Hudson S-11HU

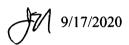
Well Pad Name: Hudson

18)

CASING AND TUBING PROGRAM

4705102296

ТҮРЕ	Size (in)	New or Used	<u>Grade</u>	Weight per ft. (lb/ft)	FOOTAGE: For Drilling (ft)	INTERVALS: Left in Well (ft)	CEMENT: Fill-up (Cu. Ft.)/CTS
Conductor	30"	NEW	BW	BW	120'	120'	259FT^3(CTS)
Fresh Water	20"	NEW	J55	106.5#	1070'	1070'	1,719FT^3(CTS)
Coal	13 3/8"	NEW	J55	54.5#	2804'	2804'	1,977FT^3(CTS)
Intermediate	9 5/8"	NEW	HPP110	47#	11,070'	11,070'	3,606FT^3(CTS)
Production	5 1/2"	NEW	P110	23#	25,605'	25,605'	5,937FT^3(CTS)
Tubing	2 7/8"	NEW	P110	6.5#		11,884'	
Liners							



TYPE	Size (in)	Wellbore Diameter (in)	<u>Wall</u> <u>Thickness</u> (in)	Burst Pressure (psi)	Anticipated Max. Internal Pressure (psi)	Cement Type	Cement Yield (cu. ft./k)
Conductor	30"	36"	1.0	2,333	1,866	CLASS A	1.2
Fresh Water	20"	26"	.5	2,410	1,928	SEE # 24	1.2
Coal	13 3/8"	17 1/2"	.38	2,740	2,192	SEE #24	1.2
Intermediate	9 5/8"	12 1/4"	.472	10,730	6,968	SEE #24	1.99
Production	5 1/2"	8 1/2"	.415	16,510	10,864	SEE #24	1.18
Tubing	2 7/8"			11,385	11,624		
Liners				11,624 xx	- 11385 KK	•	

PACKERS

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Kind:	N/A	SEP 17 2020
Sizes:	N/A	WV Department of Environmental Protection
Depths Set:	N/A	

WW-6B (10/14)

API NO. 47-7510 5 1 0 2 2 9 6

OPERATOR WELL NO. Hudson S-11HU

Well Pad Name: Hudson

2/1/2020

19) Describe proposed well work, including the drilling and plugging back of any pilot hole:

Drill through the Point Pleasant and TD Pilot Hole 150' into the Trenton. Log vertical section and run a solid cement plug back to proposed KOP (11,384'). Drill curve and lateral per proposed well plan, run and cement production casing. Perform CBL from 60 deg to surface, make cleanout run, and stimulate.

20) Describe fracturing/stimulating methods in detail, including anticipated max pressure and max rate:

Well to be completed with approximately 32,125,000 lb proppant and 496,676 bbl of water. Max rate = 80 bpm; max psi = 12,000#.

- 21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 22.94 acres
- 22) Area to be disturbed for well pad only, less access road (acres): 6.18 acres
- 23) Describe centralizer placement for each casing string:

Will run 3 centralizers on surface casing at equal distance. Intermediate will have 1 centralizer every third joint. Production casing will have one centralizer every third joint in lateral, one centralizer every joint through curve, one centralizer every third joint to surface.

24) Describe all cement additives associated with each cement type:

*See Attachment

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25) Proposed borehole conditioning procedures:

Will circulate a minimum of 3 hours at TD, short trip to curve, circulate bottoms up, check for flow, POOH

*Note: Attach additional sheets as needed.

Pilot Hole

PH TO @

11,901

STATE: COUNTY: Marshall Meade DISTRICT: DF Elev: 1,344 GL Elev: 1,344 25,605 39.8287 TH Latitude: -80.672714 TH Longitude: 39.799742 BH Latitude: -80.660108 BH Longitude:

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WV Department of Environmental Protection

FORMATION TO	PS	
Formation	Depth TVD	
Deepest Fresh Water	978'	
Sewickley Coal	886'	
Pittsburgh Coal	972'	
Big Lime	2,067	
Berea	2,685	
Tully	6,631'	
Mercellus	6,744	
Onondaga	6,796	
Salina	7,519	
Lockport	8,528	
Utica	11,350'	
Point Pleasant	11,618'	
Landing Depth	11,668	
Trenton	11,751	
Pilot Hole TD	11,901'	

CASING SUMMARY							
Type	Hole Size (in)	Csg Size (in)	Depth (MD)	Depth (TVD)	Weight (lb/ft)	Grade	Yap of Cemen
Conductor	36	30	120*	120'	8W	BW	Surface
Surface	26	20	1,070"	1,070'	105.5	155	Surface
Intermediate 1	17 1/2	13 3/8	2,804'	2,800'	54.5	155	Surface
Intermediate 2	12 1/4	9.5/8	11,070	10,465*	47	HPP110	Surface
Production	81/2	51/2	25,605	11,893'	23	HCP110	Surface

	CEMENT SUMM	MARY		DRILLING DETAILS		
	Sacks	Class	Density	Fluid Type	Centralizer Notes	
Conductor	338	A	15.6	Air	None	
Surface	1,854	A	15.6	Air	3 Centralizers at equal distance	
Intermediate 1	2,143	А	- 15	Air	1 Centralizer every other jt	
Intermediate 2	2,992	A	14.5	Air	1 Centralizer every other jt	
Production	5,371	A	15	Air / SOBM	1 every other joint in lateral; 1 per joint in curve; 1 every other jt t	

JN 9/17/2020

Landing Point ⊕ 12,755' MD / 11,666' TVD

PH TVD = 150' below Trenton Top

120' TVD

1,070 TVD

2,796' TVD

10,465° TVD

11,384' ft MD

13 3/8" Csg @ 2,800" MD /

9 5/8" Csg @ 11,070' MD /

KOP @

ateral TD @

11,893 ft TVD



Tug Hill Operating, LLC Casing and Cement Program

Hudson S-11HU

	Casing						
	String	Grade	Bit Size	Depth (Measured)	Cement Fill Up		
Conductor	30"	BW	36"	120'	CTS		
Surface	20"	J55	26"	1,070*	CTS		
Intermediate 1	13 3/8"	J55	17 1/2"	2,804*	CTS		
Intermediate 2	9 5/8"	HPP110	12 1/4"	11,070	CTS		
Production	5 1/2"	HCP110	8 1/2"	25,605	CTS		

Cement

50:50 Poz: Premium NE-1 + .1% bwoc ASA-301 + 60lb/sk ASCA-1 + .35% bwoc BA-10A + .25% bwoc MPA-170, 44 lb sack + .5% bwoc R-3 + .75 gals/100sk FP-13L — Production Cement mixed at 15.2ppg, Y = 1.18

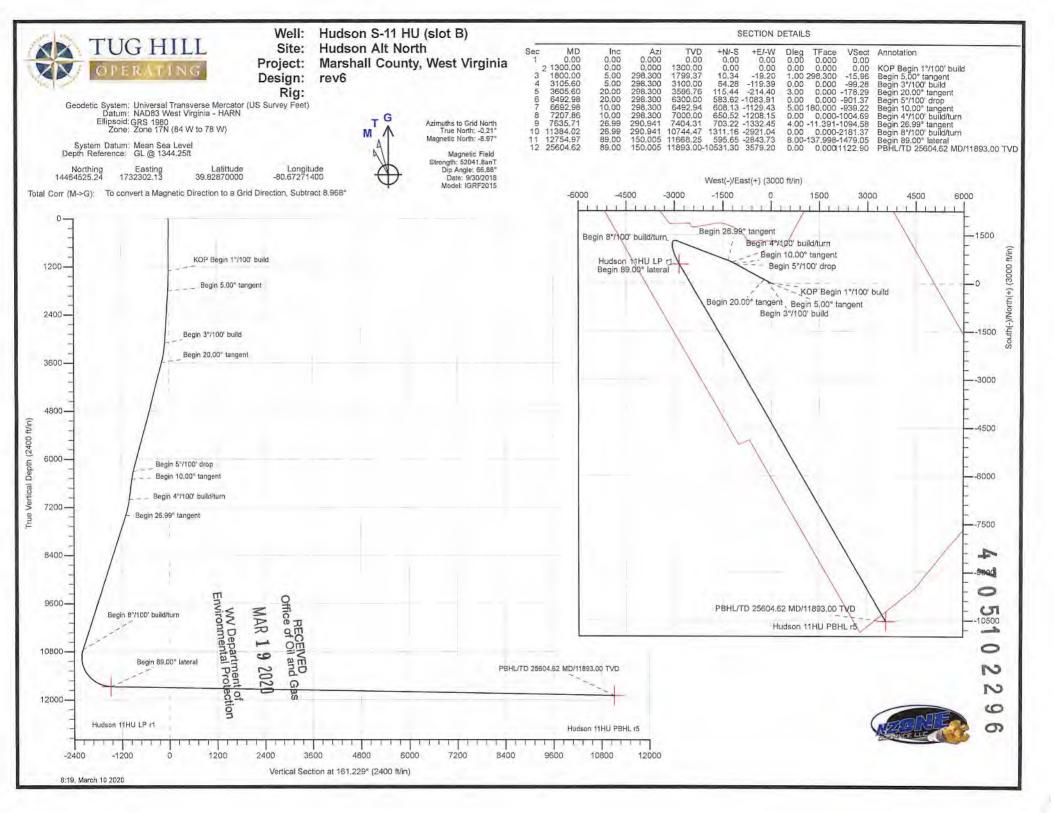
Surface:	Premium NE-1 + 2% bwoc CaC12 + 46.5% Fresh Water – Surface Cement mixed at 15.6 ppg, Y=1.2
Intermediate 1:	Premium NE-1 + 1% bwoc CaC12 + 46.5% Fresh Water – Intermediate Cement mixed at 15.6 ppg, Y=1.2
Intermediate 2:	Premium NE-1 + 1% bwoc CaC12 + 46.5% Fresh Water – Intermediate Cement mixed at 15.6 ppg, Y=1.99

Production:

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WV Department of Environmental Protection





4705102296

Database: Company: DB_Aug1919_v14 Tug Hill Operating LLC

Marshall County, West Virginia

Project: Site: Well-

Hudson Alt North

Hudson S-11 HU (slot B) Wellbore: Original Hole

Design: rev6 Local Co-ordinate Reference:

TVD Reference: MD Reference: North Reference:

Survey Calculation Method:

Well Hudson S-11 HU (slot B)

GL @ 1344.25ft GL @ 1344.25ft

Grid Minimum Curvature

Project Marshall County, West Virginia

Map System: Geo Datum:

Universal Transverse Mercator (US Survey Feet)

NAD83 West Virginia - HARN

Map Zone:

Zone 17N (84 W to 78 W)

System Datum:

Mean Sea Level

Site

Hudson Alt North

Site Position: From:

Lat/Long

Northing: Easting:

14,464,552,10 usft

1,732,278.45 usft

Latitude:

Longitude:

39.82877400 -80.67279800

Position Uncertainty:

Slot Radius:

13-3/16 "

Grid Convergence:

0.210°

Well

Hudson S-11 HU (slot B)

Well Position

+N/-S +E/-W

rev6

0.00 ft 0.00 ft

0.00 ft

Northing:

Easting:

9/30/2018

14,464,525.24 usft 1,732,302.13 usft

-8.759

Latitude: Longitude:

39,82870000 -80.67271400

Position Uncertainty

0.00 ft

Wellhead Elevation:

Ground Level:

1,344.25 ft

Wellbore

Original Hole

Magnetics

Model Name

IGRF2015

Sample Date

Declination (°)

Dip Angle (°)

66.877

Field Strength (nT) 52,041.82074763

Design

Audit Notes:

Version:

Phase:

PLAN

+N/-S

+E/-W

Tie On Depth:

0.00 Direction

Vertical Section:

Depth From (TVD) (ft) 0.00

(ft) 0.00

(ft) 0.00

(°) 161.229

Plan Survey Tool Program

Date 3/10/2020

Depth From (ft)

Depth To (ft)

Survey (Wellbore)

Tool Name

Remarks

1

0.00

25,604.62 rev6 (Original Hole)

MWD

MWD - Standard

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W Department of Environmental Protection



4705102296

Database: Company:

DB_Aug1919_v14 Tug Hill Operating LLC Marshall County, West Virginia

Project: Site: Well: Wellbore:

Hudson Alt North Hudson S-11 HU (slot B)

Original Hole rev6

Design:

Local Co-ordinate Reference:

TVD Reference: MD Reference: North Reference:

Survey Calculation Method:

Well Hudson S-11 HU (slot B)

GL @ 1344.25ft GL @ 1344.25ft Grid

Minimum Curvature

lan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.000	
1,300.00	0.00	0.000	1,300.00	0.00	0.00	0.00	0.00	0.00	0.000	
1,800.00	5.00	298.300	1,799.37	10.34	-19.20	1.00	1.00	0.00	298.300	
3,105.60	5.00	298.300	3,100.00	64.28	-119.39	0.00	0.00	0.00	0.000	
3,605.60	20.00	298.300	3,586.76	115.44	-214.40	3.00	3.00	0.00	0.000	
6,492.98	20.00	298.300	6,300.00	583.62	-1,083.91	0.00	0.00	0.00	0.000	
6,692.98	10.00	298.300	6,492.94	608.13	-1,129.43	5.00	-5.00	0.00	180.000	
7,207.86	10.00	298.300	7,000.00	650.52	-1,208.15	0.00	0.00	0.00	0.000	
7,635.71	26.99	290.941	7,404.31	703.22	-1,332.45	4.00	3.97	-1.72	-11.391	
11,384.02	26.99	290.941	10,744.47	1,311.16	-2,921.04	0.00	0.00	0.00	0.000	
12,754.97	89.00	150.005	11,668.25	595.65	-2,843.73	8.00	4.52	-10.28	-137.998	Hudson 11HU LP r1
25,604.62	89.00	150.005	11,893.00	-10,531.30	3,579.20	0.00	0.00	0.00	0.000	Hudson 11HU PBHL

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MAR 1 9 2020

WV Department of Environmental Protection

4705102296

Database: Company: Project: DB_Aug1919_v14 Tug Hill Operating LLC Marshall County, West Virginia

Site: Well: Hudson Alt North Hudson S-11 HU (slot B)

Wellbore: Original Hole
Design: rev6

Local Co-ordinate Reference:

TVD Reference: MD Reference: North Reference:

North Reference: Survey Calculation Method: Well Hudson S-11 HU (slot B)

GL @ 1344.25ft GL @ 1344.25ft Grid

Minimum Curvature

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ign:	rev6								
nned Survey								1	MAR 1 9 2020
Measured Depth	Inclination	Azimuth	Vertical Depth	+N/-S	+E/-W	Map Northing	Map Easting	Envir	/V Department or onmental Protect
(ft)	(*)	(°)	(ft)	(ft)	(ft)	(usft)	(usft)	Latitude	Longitude
0.00	0.00	0.000	0.00	0.00	0.00	14,464,525,24	1,732,302.13	39.82870000	-80,6727140
100.00	0.00	0.000	100.00	0.00	0.00	14,464,525.24	1,732,302.13	39.82870000	-80.6727140
200.00	0.00	0.000	200.00	0.00	0.00	14,464,525.24	1,732,302.13	39.82870000	-80.6727140
300.00	0.00	0.000	300.00	0.00	0.00	14,464,525.24	1,732,302.13	39.82870000	-80.6727140
400.00	0.00	0.000	400.00	0.00	0.00	14,464,525.24	1,732,302.13	39.82870000	-80.672714
500.00	0.00	0.000	500.00	0.00	0.00	14,464,525.24	1,732,302.13	39.82870000	-80.672714
600.00	0.00	0.000	600.00	0.00	0.00	14,464,525.24	1,732,302.13	39.82870000	-80.672714
700.00	0.00	0.000	700.00	0.00	0.00	14,464,525.24	1,732,302.13	39.82870000	-80.672714
800.00	0.00	0.000	800.00	0.00	0.00	14,464,525.24	1,732,302.13	39.82870000	-80.672714
900.00	0.00	0.000	900.00	0.00	0.00	14,464,525.24	1,732,302.13	39.82870000	-80.672714
1,000.00	0.00	0.000	1,000.00	0.00	0.00	14,464,525.24	1,732,302.13	39.82870000	-80.672714
1,100.00	0.00	0.000	1,100.00	0.00	0.00	14,464,525.24	1,732,302.13	39.82870000	-80.672714
1,200.00	0.00	0.000	1,200,00	0.00	0.00	14,464,525.24	1,732,302.13	39.82870000	-80.672714
1,300.00	0.00	0.000	1,300,00	0.00	0.00	14,464,525.24	1,732,302.13	39.82870000	-80.672714
	jin 1°/100' bui		4-2-1-	2.20	7	.4	747-254-25-75	6,010,031,132.5	LLATA OF TO
1,400.00	1.00	298,300	1,400,00	0.41	-0.77	14,464,525.65	1,732,301.36	39.82870115	-80,672716
1,500.00	2.00	298.300	1,499,96	1,65	-3.07	14,464,526.89	1,732,299.06	39,82870458	-80.672724
	3.00	298.300	1,599.87	3.72	-6.91	14,464,528.96	1,732,295.22	39.82871029	-80.672738
1,600.00		298.300	1,699.68	6.62	-12.29	14,464,531.86	1,732,289.84	39.82871830	-80.672757
1,700.00	4.00 5.00	298.300	1,799.37	10.34	-19.20	14,464,535.58	1,732,282.94	39.82872858	-80.672782
1,800.00		290,300	1,799.37	10.54	-18.20	14,404,555.50	1,732,202.54	33.02072030	-00.072702
	00° tangent	*****			00.07	44 404 500 74	4 700 075 00	20 02074004	90 670900
1,900,00	5.00	298,300	1,898.99	14.47	-26.87	14,464,539.71	1,732,275.26	39.82874001	-80.672809 -80.672836
2,000.00	5.00	298.300	1,998.61	18.60	-34.54	14,464,543.84	1,732,267.59	39.82875143	
2,100.00	5,00	298,300	2,098.23	22.73	-42.22	14,464,547.97	1,732,259.91	39.82876285	-80,672864
2,200.00	5.00	298,300	2,197.85	26.86	-49.89	14,464,552.10	1,732,252.24	39.82877428	-80.672891
2,300.00	5.00	298.300	2,297.47	31.00	-57.57	14,464,556.24	1,732,244.57	39,82878570	-80.672918
2,400.00	5.00	298,300	2,397,09	35,13	-65.24	14,464,560.37	1,732,236.89	39.82879713	-80.672945 -80.672973
2,500.01	5.00	298.300	2,496.71	39.26	-72.91	14,464,564.50	1,732,229.22	39.82880855	-80.673000
2,600,01	5.00	298,300	2,596.33	43,39	-80.59	14,464,568.63	1,732,221,54	39.82881998	
2,700.01	5.00	298,300	2,695.95	47.52	-88.26	14,464,572.76	1,732,213.87	39.82883140	-80.673027
2,800.01	5.00	298.300	2,795.57	51,66	-95.94	14,464,576.90	1,732,206.20	39.82884282	-80.673055
2,900.01	5.00	298.300	2,895.19	55.79	-103.61	14,464,581.03	1,732,198.52	39.82885425	-80.673082
3,000.01	5,00	298,300	2,994.81	59.92	-111.28	14,464,585.16	1,732,190.85	39.82886567	-80.673109
3,100.01	5.00	298,300	3,094.42	64.05	-118.96	14,464,589.29	1,732,183,17	39.82887710	-80.673136
3,105.60	5.00	298.300	3,100.00	64.28	-119.39	14,464,589.52	1,732,182,75	39.82887774	-80.673138
Begin 3°	/100' build						7 700 0 0 000		
3,200,01	7.83	298.300	3,193.80	69,28	-128.67	14,464,594.52	1,732,173.46	39,82889156	-80.673171
3,300.01	10,83	298,300	3,292.47	76.97	-142.95	14,464,602.21	1,732,159.18	39.82891282	-80.673222
3,400.01	13.83	298.300	3,390.15	87.10	-161.75	14,464,612.33	1,732,140.38	39.82894081	-80.673289
3,500.01	16.83	298,300	3,486.58	99.63	-185.03	14,464,624.87	1,732,117.10	39.82897546	-80.673371
3,600.01	19.83	298,300	3,581.49	114.54	-212.72	14,464,639.78	1,732,089.41	39.82901669	-80.673470
3,605.60	20.00	298,300	3,586.76	115.44	-214.40	14,464,640.68	1,732,087.73	39,82901919	-80.673476
Begin 20	.00° tangent								
3,700.01	20.00	298,300	3,675,47	130.75	-242.83	14,464,655.99	1,732,059.30	39.82906151	-80,673577
3,800.01	20.00	298,300	3,769.44	146,96	-272.94	14,464,672.20	1,732,029.19	39,82910634	-80.673684
3,900.01	20.00	298.300	3,863.41	163.18	-303.06	14,464,688.42	1,731,999.07	39.82915117	-80,673791
4,000.01	20.00	298.300	3,957.38	179.39	-333.17	14,464,704.63	1,731,968.96	39.82919600	-80,673898
4,100.01	20.00	298,300	4,051.34	195.61	-363.29	14,464,720.85	1,731,938.85	39.82924083	-80.674005
4,200.01	20.00	298,300	4,145.31	211.82	-393.40	14,464,737.06	1,731,908.73	39.82928566	-80.674112
4,300.01	20.00	298,300	4,239.28	228.04	-423.51	14,464,753.28	1,731,878.62	39.82933049	-80.674219
4,400.01	20.00	298,300	4,333.25	244.25	-453.63	14,464,769.49	1,731,848.50	39.82937532	-80.674326
4,500.01	20.00	298.300	4,427.22	260.47	-483.74	14,464,785.71	1,731,818.39	39.82942016	-80.674433
4,600.01	20.00	298,300	4,521.19	276.68	-513,86	14,464,801.92	1,731,788.28	39,82946499	-80,674540
4,700.01	20.00	298,300	4,615.16	292.90	-543.97	14,464,818.14	1,731,758.16	39.82950982	-80.674647

Database: Company: Project: DB_Aug1919_v14 Tug Hill Operating LLC Marshall County, West Virginia

Site: Well: Hudson Alt North Hudson S-11 HU (slot B)

Wellbore: Original Hole
Design: rev6

Local Co-ordinate Reference:

TVD Reference: MD Reference: North Reference:

Survey Calculation Method:

Well Hudson S-11 HU (slot B)

GL @ 1344.25ft GL @ 1344.25ft Grid

Minimum Curvature

RECEIVED Office of Oil and Gas

MAR 1 9 2020

nned Survey								En	WV Department of vironmental Protect
Measured Depth (ft)	Inclination (°)	Azimuth	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
- 12			10.75		100			47-57-67-6	
4,800.01	20,00	298.300	4,709.13	309.11	-574.09	14,464,834.35	1,731,728.05	39.82955465	-80.67475479
4,900.01	20.00	298.300	4,803,10	325,33	-604.20	14,464,850.57	1,731,697.93	39,82959948	-80.67486184
5,000.01	20.00	298.300	4,897.07	341.54	-634.31	14,464,866.78	1,731,667.82	39.82964431	-80.67496890
5,100.01	20.00	298.300	4,991.04	357.76	-664.43	14,464,883.00	1,731,637.71	39.82968914	-80.67507595
5,200.01	20.00	298,300	5,085.01	373.97	-694.54	14,464,899.21	1,731,607.59	39.82973397	-80.67518300
5,300,01	20.00	298.300	5,178.98	390.19	-724.66	14,464,915.43	1,731,577.48	39.82977880	-80.67529006
5,400.01	20.00	298.300	5,272.95	406.40	-754.77	14,464,931.64	1,731,547.36	39.82982363	-80.67539711
5,500.01	20.00	298,300	5,366.92	422.62	-784.88	14,464,947.86	1,731,517.25	39.82986845	-80.67550416
5,600.01	20.00	298,300	5,460.89	438.83	-815.00	14,464,964.07	1,731,487.14	39,82991328	-80,67561122
5,700,01	20.00	298.300	5,554.86	455.05	-845.11	14,464,980.28	1,731,457.02	39,82995811	-80.67571827
5,800.01	20.00	298.300	5,648.83	471.26	-875.23	14,464,996.50	1,731,426.91	39.83000294	-80.67582533
5,900.01	20.00	298.300	5,742.79	487.48	-905.34	14,465,012,71	1,731,396.79	39.83004777	-80.67593238
6,000.01	20.00	298.300	5,836.76	503.69	-935.46	14,465,028.93	1,731,366.68	39,83009260	-80.67603943
6,100.01	20.00	298.300	5,930.73	519.91	-965,57	14,465,045.14	1,731,336.56	39,83013743	-80.67614649
6,200.01	20.00	298.300	6,024.70	536.12	-995.68	14,465,061.36	1,731,306.45	39.83018226	-80.67625354
6,300.01	20.00	298,300	6,118.67	552.34	-1,025.80	14,465,077.57	1,731,276.34	39.83022709	-80.67636060
6,400.01	20.00	298.300	6,212.64	568.55	-1,055,91	14,465,093.79	1,731,246.22	39.83027192	-80.67646765
6,492,98	20.00	298,300	6,300.00	583.62	-1,083,91	14,465,108.86	1,731,218.23	39.83031359	-80.67656718
Begin 5°/	/100' drop								
6,500.01	19.65	298.300	6,306.62	584.76	-1,086.01	14,465,109.99	1,731,216.13	39.83031672	-80,67657465
6,600.01	14.65	298,300	6,402.14	598.73	-1,111.96	14,465,123,97	1,731,190.17	39.83035535	-80.67666691
6,692.98	10.00	298.300	6,492.94	608.13	-1,129.43	14,465,133.37	1,731,172.71	39.83038135	-80,67672900
Begin 10	.00° tangent								
6,700.01	10.00	298.300	6,499.87	608.71	-1,130,50	14,465,133,95	1,731,171.63	39,83038295	-80.67673282
6,800.01	10.00	298.300	6,598.35	616.95	-1,145.79	14,465,142.18	1,731,156.34	39.83040571	-80.67678717
6,900.01	10.00	298.300	6,696.83	625.18	-1,161.08	14,465,150,42	1,731,141.05	39.83042847	-80.67684153
7,000.01	10.00	298.300	6,795.31	633.41	-1,176.37	14,465,158.65	1,731,125.76	39.83045123	-80,67689588
7,100.01	10.00	298.300	6,893.79	641.64	-1,191,66	14,465,166,88	1,731,110.47	39.83047399	-80.67695023
7,200.01	10.00	298,300	6,992.27	649.87	-1,206,95	14,465,175.11	1,731,095.19	39,83049675	-80.67700459
7,207.86	10.00	298,300	7,000.00	650,52	-1,208.15	14,465,175.76	1,731,093.99	39.83049854	-80.67700885
	/100' build/tur		.,		(described)	1.47 **********	0.02.01000000		
	13.63	295.212	7,090.19	658.94	-1,225.02	14,465,184,18	1,731,077.11	39.83052183	-80.67706886
7,300.01 7,400.01	17.60	293.212	7,186.48	669.94	-1,249.58	14,465,195.18	1,731,052.55	39,83055229	-80.67715619
7,500.02	21.58	292.055	7,180.48	682.83	-1,245.50	14,465,208.07	1,731,021.61	39.83058799	-80.67726624
A. L. C. 12 G.			7,372.31	697.54	-1,317.70	14,465,222.78	1,730,984.43	39.83062875	-80.67739847
7,600.02	25.56	291.191	7,404.32	703.22	-1,332.45	14,465,228.46	1.730,969.69	39.83064450	-80.67745092
7,635.71	26,99	290.941	7,404.52	703.22	-1,332.40	14,405,220.45	1,700,000.00	00.00007700	00.077, 19402
	.99° tangent	***	7 101 00	740.05	4 000 70	44 405 000 00	4 700 040 40	20 02007244	-80.67754786
7,700,02	26.99	290.941	7,461.62	713.65	-1,359.70	14,465,238,89	1,730,942.43	39.83067341 39.83071837	-80.67769861
7,800,02	26.99	290.941	7,550.73	729.87	-1,402,08	14,465,255.11	1,730,900.05		-80.67784936
7,900.02	26.99	290.941	7,639.84	746.09	-1,444.46	14,465,271.33	1,730,857.67	39.83076333	-80.67800012
8,000,02	26.99	290.941	7,728.95	762.31	-1,486,85	14,465,287.55	1,730,815.29	39,83080829	-80.67815087
8,100.02	26.99	290.941	7,818.06	778.53	-1,529.23	14,465,303.76	1,730,772.91	39.83085325	-80.67830162
8,200.02	26,99	290.941	7,907.17	794.75	-1,571.61	14,465,319.98	1,730,730.53	39.83089821	-80.67845238
8,300.02	26.99	290.941	7,996.29	810.96	-1,613.99	14,465,336.20	1,730,688.15	39.83094317	
8,400.02	26,99	290,941	8,085.40	827.18	-1,656.37	14,465,352.42	1,730,645,76	39,83098813	-80,67860313
8,500.02	26,99	290.941	8,174,51	843.40	-1,698.75	14,465,368.64	1,730,603.38	39.83103309	-80.67875388
8,600.02	26,99	290.941	8,263,62	859.62	-1,741.13	14,465,384.86	1,730,561.00	39.83107804	-80.67890464
8,700.02	26.99	290.941	8,352.73	875.84	-1,783.52	14,465,401.08	1,730,518.62	39.83112300	-80.67905539
8,800.02	26.99	290.941	8,441.84	892.06	-1,825.90	14,465,417,30	1,730,476.24	39.83116796	-80.67920614
8,900.02	26.99	290,941	8,530.95	908.28	-1,868.28	14,465,433.52	1,730,433.86	39.83121292	-80,67935690
9,000.02	26.99	290.941	8,620.06	924.50	-1,910.66	14,465,449.73	1,730,391.47	39.83125788	-80.67950765
9,100.02	26.99	290.941	8,709.17	940.72	-1,953.04	14,465,465.95	1,730,349.09	39.83130284	-80.67965841
9,200.02	26,99	290.941	8,798,29	956.94	-1,995.42 -2,037.81	14,465,482.17 14,465,498.39	1,730,306.71 1,730,264.33	39.83134779 39.83139275	-80.67980916 -80.67995992

Database: Company: Project: DB_Aug1919_v14
Tug Hill Operating LLC
Marshall County, West Virginia

Site: Well: Hudson Alt North Hudson S-11 HU (slot B)

Wellbore: Original Hole
Design: rev6

Local Co-ordinate Reference:

TVD Reference: MD Reference: North Reference:

Survey Calculation Method:

Well Hudson S-11 HU (slot B)

GL @ 1344.25ft GL @ 1344.25ft Grid

Minimum Curvature

RECEIVED Office of Oil and Gas

MAR 1 9 2020

Measured			Vertical			Мар	Мар		V Department of Inmental Protect
Depth (ft)	Inclination (°)	Azimuth	Depth (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude
9,400.02	26,99	290.941	8,976.51	989.37	-2,080.19	14,465,514.61	1,730,221,95	39.83143771	-80,680110
9,500.02	26.99	290.941	9,065.62	1,005.59	-2,122.57	14,465,530.83	1,730,179.57	39.83148267	-80.68026
9,600.02	26.99	290.941	9,154.73	1,021.81	-2,164.95	14,465,547.05	1,730,137.19	39.83152762	-80.68041
9,700.02	26,99	290.941	9,243.84	1,038.03	-2,207.33	14,465,563.27	1,730,094.80	39.83157258	-80.68056
9,800.02	26.99	290.941	9,332.95	1,054.25	-2,249.71	14,465,579,49	1,730,052.42	39,83161754	-80.68071
9,900,02	26.99	290.941	9,422.06	1,070.47	-2,292,10	14,465,595.71	1,730,010.04	39,83166249	-80.68086
10,000.02	26.99	290.941	9,511.17	1,086.69	-2,334.48	14,465,611.92	1,729,967.66	39.83170745	-80.68101
10,100.02	26.99	290.941	9,600.29	1,102.91	-2,376.86	14,465,628.14	1,729,925.28	39.83175240	-80.68116
10,200.02	26.99	290.941	9,689.40	1,119.12	-2,419.24	14,465,644.36	1,729,882.90	39.83179736	-80.68131
10,300.02	26.99	290.941	9,778.51	1,135.34	-2,461.62	14,465,660.58	1,729,840.52	39.83184231	-80.68146
10,400.02	26.99	290.941	9,867.62	1,151.56	-2,504.00	14,465,676.80	1,729,798.13	39.83188727	-80.68161
10,500.02	26.99	290.941	9,956.73	1,167.78	-2,546.38	14,465,693.02	1,729,755.75	39.83193223	-80.68176
10,600.02	26,99	290.941	10,045.84	1,184.00	-2,588.77	14,465,709,24	1,729,713.37	39.83197718	-80.68191
10,700.02	26.99	290.941	10,134.95	1,200.22	-2,631.15	14,465,725,46	1,729,670.99	39,83202214	-80.68207
10,800.02	26.99	290.941	10,224.06	1,216.44	-2,673.53	14,465,741,68	1,729,628.61	39.83206709	-80.68222
10,900.02	26.99	290.941	10,313.17	1,232.66	-2,715.91	14,465,757.89	1,729,586.23	39.83211204	-80.68237
11,000.02	26.99	290.941	10,402.29	1,248.88	-2,758.29	14,465,774.11	1,729,543.84	39,83215700	-80,68252
11,100.02	26.99	290.941	10,491.40	1,265.10	-2,800.67	14,465,790.33	1,729,501.46	39.83220195	-80.68267
11,200.02	26.99	290.941	10,580.51	1,281.31	-2,843.06	14,465,806.55	1,729,459.08	39.83224691	-80,68282
11,300.02	26.99	290.941	10,669.62	1,297.53	-2,885.44	14,465,822.77	1,729,416.70	39.83229186	-80.68297
11,384.02	26.99	290,941	10,744.47	1,311.16	-2,921.04	14,465,836.39	1,729,381.10	39.83232962	-80.68310
	/100' build/tur	n							
11,400.02	26.05	288.993	10,758.79	1,313.60	-2,927.75	14,465,838.84	1,729,374.39	39.83233639	-80.68312
11,500.02	20.96	273.388	10,850.55	1,321.81	-2,966.43	14,465,847.05	1,729,335.71	39.83235932	-80.68326
11,600.02	18.00	250.913	10,944.95	1,317.81	-2,998.94	14,465,843.04	1,729,303.20	39.83234864	-80.68337
11,700.02	18.24	224.999	11,040.15	1,301.66	-3,024.64	14,465,826.90	1,729,277.49	39.83230455	-80.68347
11,800.02	21.56	203.439	11,134.29	1,273.69	-3,043.04	14,465,798.93	1,729,259.09	39.83222791	-80.68353
11,900.02	26.86	188.692	11,225.54	1,234.44	-3,053.78	14,465,759.67	1,729,248.35	39.83212022	-80.68357
12,000.02	33.18	178.851	11,312,14	1,184.67	-3,056.65	14,465,709.90	1,729,245.49	39.83198356	-80.68358
12,100.02	40.06	171.960	11,392.38	1,125.34	-3,051.59	14,465,650.58	1,729,250,55	39,83182061	-80.68356
12,200.02	47.24	166.828	11,464.72	1,057.63	-3,038.70	14,465,582.87	1,729,263.43	39.83163452	-80.68352
12,300.02	54.60	162.778	11,527.73	982,84	-3,018.24	14,465,508.07	1,729,283.90	39.83142892	-80.68345
12,400.03	62.07	159.414	11,580.21	902.42	-2,990.59	14,465,427.66	1,729,311.55	39.83120782	-80,68335
12,500.03	69.61	156.489	11,621.11	817.96	-2,956.31	14,465,343.19	1,729,345.83	39.83097552	-80.68323
12,600.03	77.20	153.839	11,649.66	731.08	-2,916.05	14,465,256.31	1,729,386.09	39.83073654	-80.68309
12,700.03	84.81	151.345	11,665.28	643.48	-2,870.60	14,465,168.71	1,729,431.54	39.83049553	-80,68293
12,754.97	89.00	150.005	11,668.25	595.65	-2,843.73	14,465,120.89	1,729,458.41	39.83036394	-80,68283
Begin 89	.00° lateral								TO POST
12,800.03	89.00	150.005	11,669.04	556.64	-2,821.21	14,465,081.88	1,729,480.93	39.83025657	-80.68275
12,900,03	89.00	150,005	11,670.79	470.05	-2,771.22	14,464,995.28	1,729,530.91	39.83001828	-80.68257
13,000.03	89.00	150.005	11,672.54	383.45	-2,721.24	14,464,908.69	1,729,580.90	39.82977999	-80.68240
13,100.03	89,00	150.005	11,674.29	296.86	-2,671.25	14,464,822.10	1,729,630.88	39.82954169	-80.68222
13,200.03	89.00	150.005	11,676.03	210.27	-2,621.27	14,464,735.50	1,729,680.87	39.82930340	-80.68204
13,300.03	89.00	150.005	11,677.78	123.67	-2,571.28	14,464,648.91	1,729,730.86	39.82906511	-80.68187
13,400.03	89.00	150,005	11,679,53	37.08	-2,521.30	14,464,562.32	1,729,780.84	39,82882681	-80.68169
13,500.03	89.00	150.005	11,681,28	-49.52	-2,471.31	14,464,475.72	1,729,830.83	39,82858852	-80,68151
13,600.03	89.00	150.005	11,683.03	-136.11	-2,421.33	14,464,389.13	1,729,880.81	39.82835022	-80.68134
13,700.03	89.00	150.005	11,684.78	-222.70	-2,371,34	14,464,302.54	1,729,930.80	39.82811193	-80.68116
13,800.03	89.00	150.005	11,686.53	-309.30	-2,321,36	14,464,215,94	1,729,980.78	39.82787363	-80.68098
13,900.03	89.00	150.005	11,688.28	-395.89	-2,271,37	14,464,129,35	1,730,030.77	39.82763534	-80.68080
14,000.03	89.00	150.005	11,690.03	-482.48	-2,221.38	14,464,042.76	1,730,080.75	39.82739704	-80.68063
14,100.03	89.00	150.005	11,691.78	-569.08	-2,171.40	14,463,956,16	1,730,130.74	39.82715875	-80.68045
14,200.03	89.00	150.005	11,693.53	-655.67	-2,121.41	14,463,869.57	1,730,180.72	39.82692045	-80.68027
14,300.03	89.00	150.005	11,695.27	-742.26	-2,071.43	14,463,782.98	1,730,230.71	39,82668216	-80,68010

Database; Company: Project: DB_Aug1919_v14
Tug Hill Operating LLC
Marshall County, West Virginia

Site: Well: Hudson Alt North Hudson S-11 HU (slot B)

Wellbore: Original Hole
Design: rev6

MD R

TVD Reference: MD Reference: North Reference:

Survey Calculation Method:

Local Co-ordinate Reference:

Well Hudson S-11 HU (slot B)

GL @ 1344,25ft GL @ 1344,25ft Grid

Minimum Curvature

nned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
14,400.03	89.00	150.005	11,697.02	-828.86	-2,021.44	14,463,696,38	1,730,280.69	39.82644386	-80.679924
14,500.03	89.00	150.005	11,698.77	-915.45	-1,971.46	14,463,609.79	1,730,330.68	39.82620556	-80.679747
14,600.03	89.00	150.005	11,700.52	-1,002.04	-1,921.47	14,463,523.20	1,730,380.66	39.82596726	-80.679570
14,700.03		150.005	11,702.27	-1,088.64	-1.871.49	14,463,436.60	1,730,430.65	39.82572897	-80,679393
14,800.03	89.00	150.005	11,704.02	-1,175,23	-1,821.50	14,463,350,01	1,730,480.63	39.82549067	-80.679216
14,900.03	89.00	150,005	11,705.77	-1,261.83	-1,771,52	14,463,263.42	1,730,530,62	39.82525237	-80.67903
15,000.03	89.00	150,005	11,707,52	-1,348.42	-1,721.53	14,463,176.82	1,730,580.60	39.82501407	-80.67886
15,100.03	89.00	150,005	11,709.27	-1,435,01	-1,671.55	14,463,090.23	1,730,630.59	39.82477577	-80.67868
15,200.03	89.00	150.005	11,711.02	-1,521.61	-1,621.56	14,463,003.64	1,730,680.57	39.82453748	-80.67850
15,300.03	89.00	150.005	11,712.77	-1,608.20	-1,571.58	14,462,917.04	1,730,730.56	39.82429918	-80.67833
15,400.03	89.00	150.005	11,714.51	-1,694.79	-1,521.59	14,462,830.45	1,730,780.55	39.82406088	-80.67815
15,500.03	89.00	150.005	11,716.26	-1,781.39	-1,471.60	14,462,743.86	1,730,830.53	39.82382258	-80.67797
15,600.03	89,00	150.005	11,718,01	-1,867.98	-1,421.62	14,462,657.26	1,730,880.52	39.82358428	-80,67780
15,700.03	89.00	150,005	11,719.76	-1,954.57	-1,371.63	14,462,570.67	1,730,930.50	39.82334598	-80,67762
15,800.03	89.00	150,005	11,721.51	-2,041.17	-1,321.65	14,462,484.08	1,730,980.49	39.82310768	-80.67744
	89.00				-1,271,66	14,462,397.48	1,731,030.47	39.82286938	-80.67727
15,900.03		150.005	11,723.26	-2,127.76			1,731,080.46	39.82263107	-80,67709
16,000.03	89.00	150,005	11,725.01	-2,214.35	-1,221.68 -1,171.69	14,462,310.89 14,462,224.30	1,731,130.44	39.82239277	-80.67691
16,100.03	89.00	150.005	11,726.76	-2,300,95					-80.67674
16,200.03	89.00	150.005	11,728.51	-2,387.54	-1,121.71	14,462,137.70	1,731,180.43 1,731,230.41	39.82215447	-80.67656
16,300.03	89.00	150.005	11,730.26	-2,474.14	-1,071.72	14,462,051.11		39.82191617 39.82167787	-80.67638
16,400,03	89,00	150,005	11,732.01	-2,560.73	-1,021.74	14,461,964.52	1,731,280.40		-80,67620
16,500.03	89.00	150.005	11,733,75	-2,647.32	-971.75	14,461,877.92	1,731,330.38	39.82143957	-80.67603
16,600.03	89.00	150,005	11,735.50	-2,733.92	-921.77	14,461,791.33	1,731,380.37	39.82120126	
16,700.03	89.00	150,005	11,737,25	-2,820.51	-871.78	14,461,704.74	1,731,430.35	39.82096296	-80.67585
16,800.03	89.00	150,005	11,739.00	-2,907.10	-821.80	14,461,618.14	1,731,480.34	39.82072466	-80.67567
16,900.03	89.00	150,005	11,740.75	-2,993.70	-771.81	14,461,531.55	1,731,530.32	39.82048635	-80,67550
17,000.03	89.00	150,005	11,742.50	-3,080.29	-721.82	14,461,444.95	1,731,580.31	39,82024805	-80.67532
17,100.03	89.00	150,005	11,744.25	-3,166.88	-671.84	14,461,358.36	1,731,630.29	39.82000974	-80.67514
17,200.03	89.00	150.005	11,746.00	-3,253.48	-621.85	14,461,271.77	1,731,680.28	39.81977144	-80.67497
17,300.03	89,00	150.005	11,747.75	-3,340.07	-571.87	14,461,185.17	1,731,730.26	39,81953314	-80.67479
17,400.04	89.00	150.005	11,749,50	-3,426.66	-521.88	14,461,098.58	1,731,780.25	39.81929483	-80.67461
17,500.04	89.00	150,005	11,751.24	-3,513.26	-471.90	14,461,011.99	1,731,830.24	39.81905653	-80.67444
17,600,04	89.00	150.005	11,752,99	-3,599,85	-421.91	14,460,925.39	1,731,880.22	39,81881822	-80.67426
17,700.04	89.00	150,005	11,754.74	-3,686.45	-371.93	14,460,838.80	1,731,930.21	39.81857991	-80,67408
17,800.04	89.00	150.005	11,756.49	-3,773.04	-321.94	14,460,752.21	1,731,980.19	39.81834161	-80,67390
17,900.04	89.00	150,005	11,758.24	-3,859.63	-271.96	14,460,665.61	1,732,030.18	39.81810330	-80,67373
18,000.04	89.00	150,005	11,759.99	-3,946.23	-221.97	14,460,579.02	1,732,080,16	39.81786500	-80.67355
18,100.04	89.00	150.005	11,761.74	-4,032.82	-171.99	14,460,492.43	1,732,130.15	39.81762669	-80.67337
18,200.04	89.00	150.005	11,763.49	-4,119.41	-122.00	14,460,405.83	1,732,180.13	39.81738838	-80.67320
18,300.04	89.00	150.005	11,765.24	-4,206.01	-72.02	14,460,319.24	1,732,230.12	39.81715007	-80.67302
18,400.04	89.00	150,005	11,766.99	-4,292,60	-22.03	14,460,232,65	1,732,280.10	39.81691177	-80.67284
18,500.04	89.00	150.005	11,768.74	-4,379.19	27.96	14,460,146.05	1,732,330.09	39,81667346	-80,67267
18,600.04	89.00	150.005	11,770.48	-4,465.79	77.94	14,460,059.46	1,732,380.07	39.81643515	-80,67249
18,700.04	89.00	150.005	11,772.23	-4,552.38	127.93	14,459,972.87	1,732,430.06	39.81619684	-80,67231
18,800.04	89.00	150,005	11,773.98	-4,638.97	177.91	14,459,886,27	1,732,480.04	39.81595853	-80.67214
18,900.04	89.00	150,005	11,775.73	-4,725.57	227.90	14,459,799.68	1,732,530.03	39.81572022	-80,67196
19,000.04	89.00	150.005	11,777.48	-4,812.16	277.88	14,459,713,09	1,732,580.01	39.81548192	-80.67178
19,100.04	89.00	150.005	11,779.23	-4,898.76	327.87	14,459,626.49	1,732,630.00	39.81524361	-80.67161
19,200.04	89.00	150.005	11,780.98	-4,985.35	377.85	14,459,539.90	1,732,679.98	39.81500530	-80.67143
19,300.04	89.00	150.005	11,782.73	-5,071.94	427.84	14,459,453.31	1,732,729.97	39.81476699	-80.67125
19,400.04	89.00	150.005	11,784.48	-5,158.54	477.82	14,459,366.71	1,732,779.95	39.81452868	-80.67107
19,500.04	89.00	150.005	11,786.23	-5,245.13	527,81	14,459,280.12	1,732,829.94	39.81429036	-80.67090
19,600.04		150.005	11,787.98	-5,331.72	577,79	14,459,193.53	1,732,879.93	39.81405205	-80.67072
19,700.04	89,00	150.005	11,789.72	-5,418.32	627.78	14,459,106,93	1,732,929.91	39.81381374	-80.67054
19,800.04		150.005	11,791.47	-5,504.91	677.76	14,459,020,34	1,732,979.90	39.81357543	-80.67037

Database: Company: Project: DB_Aug1919_v14
Tug Hill Operating LLC
Marshall County, West Virginia

Site: Hudson Alt North
Well: Hudson S-11 HU (slot B)
Wellbore: Original Hole

Wellbore: Origin Pesign: rev6

Local Co-ordinate Reference:

TVD Reference: MD Reference: North Reference:

Survey Calculation Method:

Well Hudson S-11 HU (slot B)

GL @ 1344.25ft GL @ 1344.25ft

Grid Minimum Curvature RECEIVED
Office of Oil and Gas

MAR 1 9 2020

WV Department of Environmental Protection

Jesign:	revo								wv Department
Planned Survey									THE STATE OF THE S
Measured Depth (ft)	Inclination (°)	Azimuth	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
19,900.04	89.00	150.005	11,793.22	-5,591.50	727,75	14,458,933,75	1,733,029.88	39,81333712	-80,6701952
20,000.04	89.00	150.005	11,794.97	-5,678.10	777.74	14,458,847.15	1,733,079.87	39.81309881	-80.6700184
20,100.04	89.00	150.005	11,796.72	-5,764.69	827.72	14,458,760.56	1,733,129.85	39.81286049	-80.6698415
20,200.04	89.00	150.005	11,798.47	-5,851.29	877.71	14,458,673.97	1,733,179.84	39.81262218	-80.6696647
20,300.04	89.00	150.005	11,800.22	-5,937.88	927.69	14,458,587,37	1,733,229,82	39,81238387	-80,6694878
20,400.04	89.00	150.005	11,801,97	-6,024.47	977.68	14,458,500.78	1,733,279.81	39.81214556	-80,6693109
20,500.04	89.00	150.005	11,803.72	-6,111.07	1,027.66	14,458,414.19	1,733,329.79	39.81190724	-80.6691341
20,600.04	89.00	150,005	11,805.47	-6,197.66	1,077.65	14,458,327.59	1,733,379.78	39.81166893	-80.6689572
20,700.04	89.00	150,005	11,807.22	-6,284.25	1,127.63	14,458,241.00	1,733,429.76	39.81143062	-80.6687804
20,800.04	89.00	150,005	11,808,96	-6,370,85	1,177.62	14,458,154.41	1,733,479,75	39.81119230	-80,6686035
20,900.04	89.00	150.005	11,810.71	-6,457.44	1,227.60	14,458,067.81	1,733,529.73	39.81095399	-80.6684267
21,000.04	89.00	150.005	11,812.46	-6,544.03	1,277.59	14,457,981.22	1,733,579.72	39.81071567	-80.6682498
21,100.04	89.00	150.005	11,814.21	-6,630.63	1,327.57	14,457,894.63	1,733,629.70	39.81047736	-80,6680730
21,200.04	89.00	150.005	11,815.96	-6,717.22	1,377.56	14,457,808.03	1,733,679.69	39.81023904	-80,6678961
21,300.04	89,00	150.005	11,817.71	-6,803.81	1,427.54	14,457,721.44	1,733,729.67	39.81000073	-80.6677193
21,400.04	89.00	150.005	11,819.46	-6,890,41	1,477.53	14,457,634.85	1,733,779.66	39.80976241	-80.6675424
21,500.04	89.00	150,005	11,821.21	-6,977.00	1,527.52	14,457,548.25	1,733,829.64	39.80952409	-80,6673656
21,600,04	89.00	150,005	11,822.96	-7,063.60	1,577.50	14,457,461.66	1,733,879.63	39.80928578	-80,6671888
21,700,04	89.00	150.005	11,824.71	-7,150.19	1,627.49	14,457,375.06	1,733,929.61	39.80904746	-80.6670119
21,800.04	89.00	150.005	11,826,46	-7,236,78	1,677.47	14,457,288.47	1,733,979.60	39.80880914	-80.6668351
21,900.04	89.00	150.005	11,828.20	-7,323,38	1,727.46	14,457,201.88	1,734,029.59	39.80857083	-80.6666582
22,000.04	89.00	150.005	11,829.95	-7,409.97	1,777.44	14,457,115.28	1,734,079.57	39.80833251	-80.6664814
22,100.04	89,00	150.005	11,831.70	-7,496.56	1,827.43	14,457,028.69	1,734,129.56	39.80809419	-80.6663046
22,200.04	89.00	150,005	11,833.45	-7,583.16	1,877.41	14,456,942.10	1,734,179.54	39.80785587	-80.6661277
22,300.05	89.00	150.005	11,835.20	-7,669.75	1,927.40	14,456,855.50	1,734,229.53	39.80761755	-80,6659509
22,400.05	89,00	150.005	11,836.95	-7,756.34	1,977.38	14,456,768.91	1,734,279.51	39.80737924	-80.6657741
22,500.05	89.00	150.005	11,838.70	-7,842.94	2,027.37	14,456,682.32	1,734,329.50	39.80714092	-80.6655972
22,600.05	89.00	150.005	11,840.45	-7,929.53	2,077.35	14,456,595.72	1,734,379.48	39.80690260	-80.6654204
22,700,05	89.00	150.005	11,842.20	-8,016.12	2,127.34	14,456,509.13	1,734,429,47	39.80666428	-80.6652436
22,800.05	89.00	150.005	11,843.95	-8,102.72	2,177.32	14,456,422.54	1,734,479.45	39.80642596	-80,6650667
22,900.05	89.00	150.005	11,845.70	-8,189.31	2,227.31	14,456,335.94	1,734,529.44	39.80618764	-80.6648899
23,000.05	89.00	150.005	11,847.44	-8,275.91	2,277.30	14,456,249.35	1,734,579.42	39.80594932	-80.6647131
23,100,05	89,00	150.005	11,849.19	-8,362.50	2,327.28	14,456,162.76	1,734,629.41	39.80571100	-80.6645363
23,200,05	89,00	150.005	11,850.94	-8,449.09	2,377.27	14,456,076.16	1,734,679.39	39.80547268	-80.6643594 -80.6641826
23,300.05	89.00	150.005	11,852,69	-8,535.69	2,427.25	14,455,989.57	1,734,729.38	39.80523436	-80.6640058
23,400.05	89,00	150,005	11,854.44	-8,622.28	2,477.24	14,455,902.98	1,734,779.36	39.80499603 39.80475771	-80.6638290
23,500.05	89.00	150,005	11,856.19	-8,708.87	2,527.22 2,577.21	14,455,816.38	1,734,829.35 1,734,879.33	39.80451939	-80.6636522
23,600.05	89.00	150,005	11,857.94	-8,795.47 -8,882.06	2,627.19	14,455,729,79 14,455,643.20	1,734,929.32	39.80428107	-80.6634753
23,700,05	89.00	150.005	11,859.69	-8,968.65	2,677.18	14,455,556.60	1,734,979.30	39.80404275	-80.6632985
23,800.05	89.00	150.005 150.005	11,861.44	-9,055.25	2,727.16	14,455,470.01	1,735,029.29	39.80380442	-80.6631217
23,900.05	89.00			-9,141.84	2,777.15	14,455,383.42	1,735,079.28	39.80356610	-80,6629449
24,000,05 24,100.05	89.00 89.00	150.005 150.005	11,864.94 11,866.68	-9,228.43	2,827.13	14,455,296.82	1,735,129.26	39.80332778	-80.6627681
24,100.05	89.00	150.005	11,868.43	-9,315.03	2,877.12	14,455,210.23	1,735,179.25	39.80308945	-80,6625913
24,200.05	89.00	150.005	11,870.18	-9,401.62	2,927.10	14,455,123.64	1,735,229.23	39.80285113	-80.6624145
24,400.05	89.00	150.005	11,871.93	-9,488.22	2,977.09	14,455,037.04	1,735,279.22	39.80261281	-80.6622376
24,500.05	89.00	150.005	11,873.68	-9,574.81	3,027.08	14,454,950.45	1,735,329.20	39.80237448	-80.6620608
24,600.05	89.00	150.005	11,875.43	-9,661.40	3,077.06	14,454,863.86	1,735,379.19	39.80213616	-80.6618840
24,000.05	89.00	150.005	11,877.18	-9,748.00	3,127.05	14,454,777.26	1,735,429.17	39.80189783	-80,6617072
24,800.05	89.00	150.005	11,878.93	-9,834.59	3,177.03	14,454,690.67	1,735,479.16	39.80165951	-80.6615304
24,900.05	89.00	150.005	11,880.68	-9,921.18	3,227.02	14,454,604.08	1,735,529.14	39.80142118	-80.6613536
25,000.05	89.00	150.005	11,882.43	-10,007.78	3,277.00	14,454,517.48	1,735,579.13	39.80118286	-80,6611768
25,100.05	89.00	150,005	11,884.17	-10,094.37	3,326.99	14,454,430.89	1,735,629.11	39.80094453	-80.6610000
25,200.05	89.00	150,005	11,885,92	-10,180.96	3,376.97	14,454,344.30	1,735,679.10	39.80070620	-80,6608232
25,300.05	89.00	150,005	11,887,67	-10,267.56	3,426.96	14,454,257.70	1,735,729.08	39.80046788	-80,6606464



4705102296

Database: Company: DB_Aug1919_v14 Tug Hill Operating LLC Marshall County, West Virginia

Project: Site: Well:

Hudson Alt North Hudson S-11 HU (slot B)

Wellbore: Design: Original Hole

rev6

Local Co-ordinate Reference:

TVD Reference: MD Reference: North Reference:

Survey Calculation Method:

Well Hudson S-11 HU (slot B)

GL @ 1344.25ft GL @ 1344.25ft

Grid

Minimum Curvature

Measured Depth (ft)	Inclination (°)	Azimuth	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
25,400.05	89.00	150.005	11.889.42	-10,354,15	3,476,94	14.454.171.11	1.735.779.07	39.80022955	-80.66046967
25,500.05	89.00	150.005	11,891.17	-10,440.74	3,526.93	14,454,084.52	1,735,829.05	39.79999122	-80.66029288
25,600.05	89.00	150.005	11,892.92	-10,527.34	3,576.91	14,453,997.92	1,735,879.04	39.79975290	-80.66011608
25,604.62	89.00	150.005	11,893,00	-10,531.29	3,579.20	14,453,993.97	1.735.881.32	39,79974201	-80,66010800

Design Targets									
Target Name - hit/miss target - Shape	Dip Angle	Dip Dir.	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude
Hudson 11HU LP r1 - plan hits target cente - Point	0.00 er	0.000	11,668.25	595.65	-2,843.73	14,465,120.89	1,729,458.41	39.83036393	-80.68283536
Hudson 11HU PBHL r5 - plan hits target cente - Point	0.00 er	0.000	11,893.00	-10,531.30	3,579.20	14,453,993.96	1,735,881.32	39.79974200	-80.66010800

Measured	Vertical	Local Coor	dinates		
Depth (ft)	Depth (ft)	+N/-S (ft)	+E/-W (ft)	Comment	
1,300.00	1,300.00	0.00	0.00	KOP Begin 1°/100' build	
1,800.00	1,799.37	10.34	-19.20	Begin 5.00° tangent	
3,105.60	3,100.00	64.28	-119.39	Begin 3°/100' build	
3,605.60	3,586.76	115.44	-214.40	Begin 20.00° tangent	
6,492.98	6,300.00	583.62	-1,083.91	Begin 5°/100' drop	
6,692.98	6,492.94	608.13	-1,129.43	Begin 10.00° tangent	
7,207.86	7,000.00	650.52	-1,208.15	Begin 4°/100' build/turn	
7,635.71	7,404.32	703.22	-1,332.45	Begin 26.99° tangent	
11,384.02	10,744.47	1,311.16	-2,921.04	Begin 8°/100' build/turn	
12,754.97	11,668.25	595.65	-2,843.73	Begin 89.00° lateral	
25,604.62	11,893.00	-10,531.29	3,579.20	PBHL/TD 25604.62 MD/11893.00 TVD	



Operator's Well No. Hudson S-11HU

Area of Review

Sources of information to Support 35CSR8 - 5.11: 9.3 et seg.

Description of process to identify potential pathways for well communication during hydraulic fracturing activities.

Data Sources Reviewed:

- 1. IHS Well Data service: Public nationwide data service that pulls directly from State agency Oil and Gas databases
- 2. Farm Maps
- 3. Topo Maps: Recent and older (contact WVGES)
- 4. Check with DPS

Contacted Devin Ducoeur 724-705-0444, <u>dducoeur@dpslandservices.com</u> DPS GIS (03/10/2020) to have him make maps of the wellbores with his information. DPS utilizes WVGES maps for their mapping seems it as the best publicly available. See attached map he provided.

Request maps for:

- 1. Wellbore with IHS All Wells Layer
- 2. Map with Farm lines overlain and any well spots identified on Farm Maps
- 3. More recent (1970s vintage) topos and older topos

Discussion with Phil Dinterman WVGES GIS Department (7/15/2016)

- WVGES has plotted every well spot they have access to and are aware of with that contains a
 coordinate. 30000, 70000, and 90000 series wells are available via the WVGES online map. Some
 locations aren't great due to vintage and manipulation of maps through time
- 30000 series any well drilled prior to 1929 APIs were not assigned to original wells
- 70000 series Well spots pulled from old Farm line maps that the WVGES has access to
- 90000 series Any sources that the WVGES has access that shows a well spot but has no additional supporting information. DEP does not have 90000 series on their maps.
- There can be duplication between wells in the 3 series
- Phil indicated that other Operators are providing a screenshot of the WVGES map with their planned well and using that for permits

Permit well - Hudson S-11HU

Wells within 500' Buffer

wens within 500 burner

Note: Well Spots depicted on Area of Review map are derived from State held coordinates. The spots may differ from those depicted on the Well Plat because the Plat locations represent actual field surveyed locations. Please refer to the Plat for surveyed well spots. Is this well "known or reasonably expected to penetrate a depth that could be within the range of Fracture propagation"? 1000' is max limit I Perforated Producing zones not would assign to wells that might be API Number Operator Name Total Depth perforated within in range of fracture propagation No, the well is not deep enough to be Tug Hill Operating, within the expected fracture 47-051-01964 6865' TVD Marcellus None LLC propagation from a Point Pleasant stimulation. Uknown but unlikley. The well likley represents an old shallow well that is 47-051-40023 Unknown Unknown Unknown Unknown State records are incomplete. too shallow to be effected by fracturing in the planned Point Pleasant well. Uknown but unlikley. The well likley represents an old shallow well that is Manufacturers 47-051-30448 Unknown Unknown Unknown too shallow to be effected by fracturing | Well was plugged 9/20/1963. Light & Heat Co. in the planned Point Pleasant well. Well is plugged. No, existing Marcellus permit. The well is not deep enough to be within the expected fracture propagation from a Yug Hill Operating, 47-051-02251 Currently a permit. None None LLC No, existing Marcellus permit. The well is not deep enough to be within the expected fracture propagation from a Tug Hill Operating, 47-051-02250 Currently a permit. Point Pleasant stimulation. No, existing Marcellus permit. The well is not deep enough to be within the Tug Hill Operating, 47-051-02249 Currently a permit. None None None expected fracture propagation from a Point Pleasant stimulation. No, existing Marcellus permit. The well Tug Hill Operating, is not deep enough to be within the expected fracture propagation from a 47-051-02248 Currently a permit. LLC Point Pleasant stimulation No, existing Marcellus permit. The well Tug Hill Operating, is not deep enough to be within the 47-051-02291 Currently a permit. None None None expected fracture propagation from a

Point Pleasant stimulation

Page 2 of 4 COST PRESENT CONTROL OF CONTROL O Sesum Hole Location before after the Location before the United Location by Control Location in Research Location Associated in Research Location Associated in Research Location Consect information

ANY CONSTRUCTION CONTRACTOR CONTRA Completed instruments.

See Sept. Product like the control trade from the control trade control trade that the control trade con Legaline Microsches View View View Land VI Colon Simplements included in the country before the country theories which the country the coun West: County = 61 Permit = 30448 COMP FOR THE TRANSPORT CHURCH CHURCH LAND THE CO. AND Owner inferences of the Control of t Well: County = 51 Permit = 02251 County and the County C STREET LOCKS STREET LOUIS OF LINES Consideration and a post particular security of the last test and applications and the post particular security of the last and test and the last and test a Compress relatives with the second of the se THE COLUMN TWO IS NOT THE OWNER OF THE COLUMN TWO IS NOT THE COLUM Compression that grant the control of the control o CONTRACT OF THE THE PROPERTY OF THE PROPERTY O COMPT PRINT TO STATE OF THE PRINT TH Second their Countries selected to the Countries of the Countries of their countries of t Company of the control of the contro CONTRACTOR OF THE SEASON WITH West: County = \$1 Permit = 02248 Legitica belemation when the house cause is cause in the color of the wines control of the color Serior Hote Location information

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Office PECEIVED
MAR 19 2020
Environmental Profection

Well: County = 51 Permit = 02291

CHICAGO DESCRIPTO CONTROL CONT

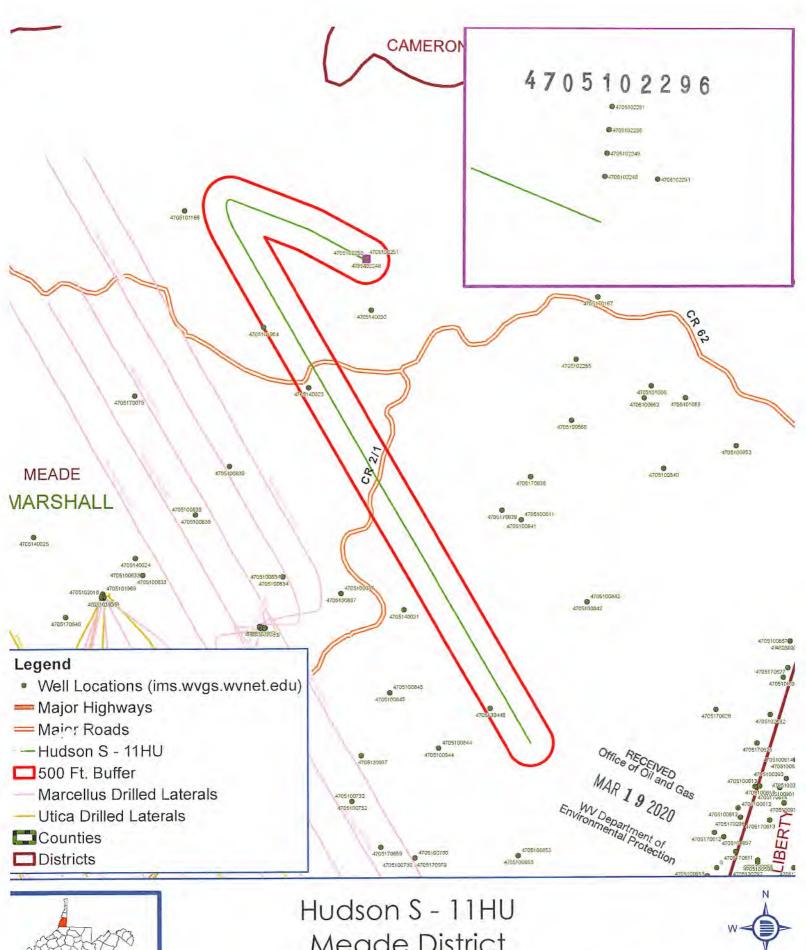
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Page 4 of 4

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Meade District Marshall County, WV







Well Site Safety Plan Tug Hill Operating, LLC

12/11/2020

Well Name: Hudson S-11HU

Pad Location: Hudson Pad

Wetzel County, West Virginia

UTM (meters), NAD83, Zone 17:

Northing: 4,408,796.11 Easting: 528,006.75

T.H. B.H.

HUDSON S LEASE UTICA UNIT - 463.24 AC± WELL 11HU TUG HILL OPERATING

MAP/PARCEL	ADJOINING SURFACE OWNER LIST	ACRES
9-2-9.1	CONSOLIDATION COAL CO.	1.00
9-2-9.2	CONSOLIDATION COAL CO.	1.00
9-3-1.2	CONSOLIDATION COAL CO.	1.00
9-5-6	NANCY L. SNYDER (LIFE ESTATE)	82,858
9-5-6.1	JON B. CRAWFORD	4.679
9-5-6.9	CNX LAND CO, LLC	22.39
9-5-7	ME CHURCH	81.5 POLES (6 AC. ASSD)
9-5-8.1	ISACC McKINNEY, ET UX	2.875
9-5-8.2	MISTY CROW W/ ROBERT & ELSIE WHETZEL (LIFE ESTATE)	1.973
9-5-11.1	MARK H. FOX	2.619
9-5-11.3	MARK H. FOX	1.94
9-5-13	SHELLY ANN JORDAN	5.51
9-5-14.1	SAVANNA N & MATTHEW WEST	2.819
9-5-14.4	BETTY R. OTT	10.501
9-5-16	LARRY L. CONKLE, JR.	2,365
9-5-16.1	SCOTT A. HOSTUTLER	0.142
9-5-21	RALPH E. WELLMAN, ET UX	1.00
9-5-22	RALPH E. WELLMAN, ET UX	0.5
9-7-9	CNX LAND CO. LLC	2.00
9-7-10	DONALD M. & THERESA L. HARRIS	3.00
9-7-11.1	WV DEPT, OF HIGHWAYS	3.63
9-7-27	LOGAN M TOLER & ASHLEY N. BERARDI	1.005
9-7-28	VICTOR & CLAIRE CAMERON	1.983
9-7-28.1	NATHAN WILLIAMS	2.768
9-8-1	CNX LAND CO. LLC	2.908
9-8-2	CNX LAND CO, LLC	6000 SQ. FT

B.H.

(S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH) NAD'83 S.P.C.(FT) N. 486,104,49 E. 1,639,156.22 NAD'83 GEO. LAT-(N) 39.828700 LONG-(W) 80.672714 NAD'83 UTM (M) N. 4,408,796.11 E. 528,006,75 LANDING POINT

NAD'83 S.P.C.(FT) N. 486,747.8 NAD'83 GEO. NAD'83 UTM (M)

E. 1,636,321.9 LAT-(N) 39.830364 LONG-(W) 80.682835 N. 4,408,977.7 E. 527,140.0 **BOTTOM HOLE**

NAD'83 S.P.C.(FT) N. 475,511,3 E. 1,642,560.1 LAT-(N) 39.799742 LONG-(W) 80,660108 NAD'83 GEO. NAD'83 UTM (M) N. 4,405,586.2 E. 529,097.7

NOTES ON SURVEY

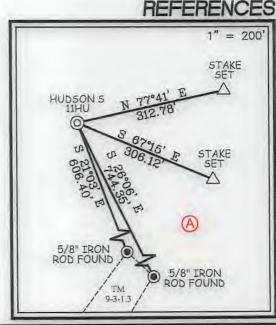
NOTES ON SURVEY

1. NO WATER WELLS WERE FOUND WITHIN 250' OF PROPOSED GAS WELL. NO AGRICULTURAL BUILDINGS ≥ 2500 SO, FT. OR DWELLINGS WERE FOUND WITHIN 625' OF THE CENTER OF PROPOSED WELL PAD. 2. WELL SPOT CIRCLE & TOPO MARK SCALE ARE 1°=2000'

3. PROPOSED LATERAL OR TOP HOLE OF HUDSON S-11HU (47-051-02296) IS WITHIN 3000' OF THE TOP HOLES OR LATERALS OF HUDSON S-12HU (47-051-02292), HUDSON S-13HU (47-051-02292), HUDSON S-15HU (47-051-02329), TEN HUDSON S-15HU (47-051-02329), TEN HIGH 1N-13HU (47-051-02329), TEN HIGH 1N-13HU (47-051-02032), TEN HIGH 1S-15HU (47-051-02025), TEN HIGH 1S-17HU (47-051-02028), TEN HIGH 1S-17HU (47-051-02033), FITZGERALD S-18HU (47-051-02326), FITZGERALD S-19HU (47-051-02326), FITZGERAD S-19HU (47-051-02326), FITZGERAD S-19HU (47-051-02326), FITZGERAD S-19HU (47-051-02326), FITZGERAD S-19HU (47-051-02326), FITZGERAD



1412 Kanawha Boulevard, East | Charleston, WV 25301 | 304.346.3952 254 East Beckley Bypass | Beckley, WV 25801 | 304,255.5295



I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DIVISION OF ENVIRONMENTAL PROTECTION.

P.S 849 (+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS. AUGUST 23

DATE __ REVISED 10/18/19, 11/07/19, 01/08/20, 01/27/20, 03/18/20, 08/07/20

OPERATORS WELL NO. HUDSON S-11HU

STATE

02296 COUNTY PERMIT

No. 849
STATE OF
VIRCINATIONAL SURPLINE MINIMUM DEGREE FILE NO. 8911P11HUR6.dwg STATE OF WEST VIRGINIA 1/2500 OF ACCURACY HUDSON S-11HU REV6 DIVISION OF ENVIRONMENTAL PROTECTION 1" = 2000" SCALE HORIZONTAL & VERTICAL OFFICE OF OIL AND GAS DGPS (SURVEY GRADE TIE TO CORS NETWORK) CONTROL DETERMINED BY

PERFORATE NEW FORMATION _____ PLUG AND ABANDON ____



WASTE _ DEEP_X_ SHALLOW GAS_X_ INJECTION. DISPOSAL _ "GAS" PRODUCTION _X_ STORAGE___ TYPE: GROUND = 1,370.20' PROPOSED = 1,344.81' LOCATION: WATERSHED GRAVE CREEK (HUC 10) ELEVATION _ COUNTY GLEN EASTON 7.5' MARSHALL COUNTY_ QUADRANGLE_ MEADE DISTRICT SURFACE OWNER _ CNX LAND LLC 106.935± ACREAGE _ ROYALTY OWNER ___CHARLENE L. BAKER, ET AL NAME ACREAGE -SEE WW-6A1 LEASE NO. _ PROPOSED WORK: DRILL X CONVERT ____ DRILL DEEPER ____ REDRILL ___ FRACTURE OR STIMULATE X PLUG OFF OLD

FORMATION___

WELL OPERATOR TUG HILL OPERATING, LLC

PHYSICAL CHANGE IN WELL (SPECIFY)

ADDRESS 1320 SOUTH UNIVERSITY DRIVE, SUITE 500

FORT WORTH, TX 76107

DESIGNATED AGENT

DIANNA STAMPER CT CORPORATION SYSTEM

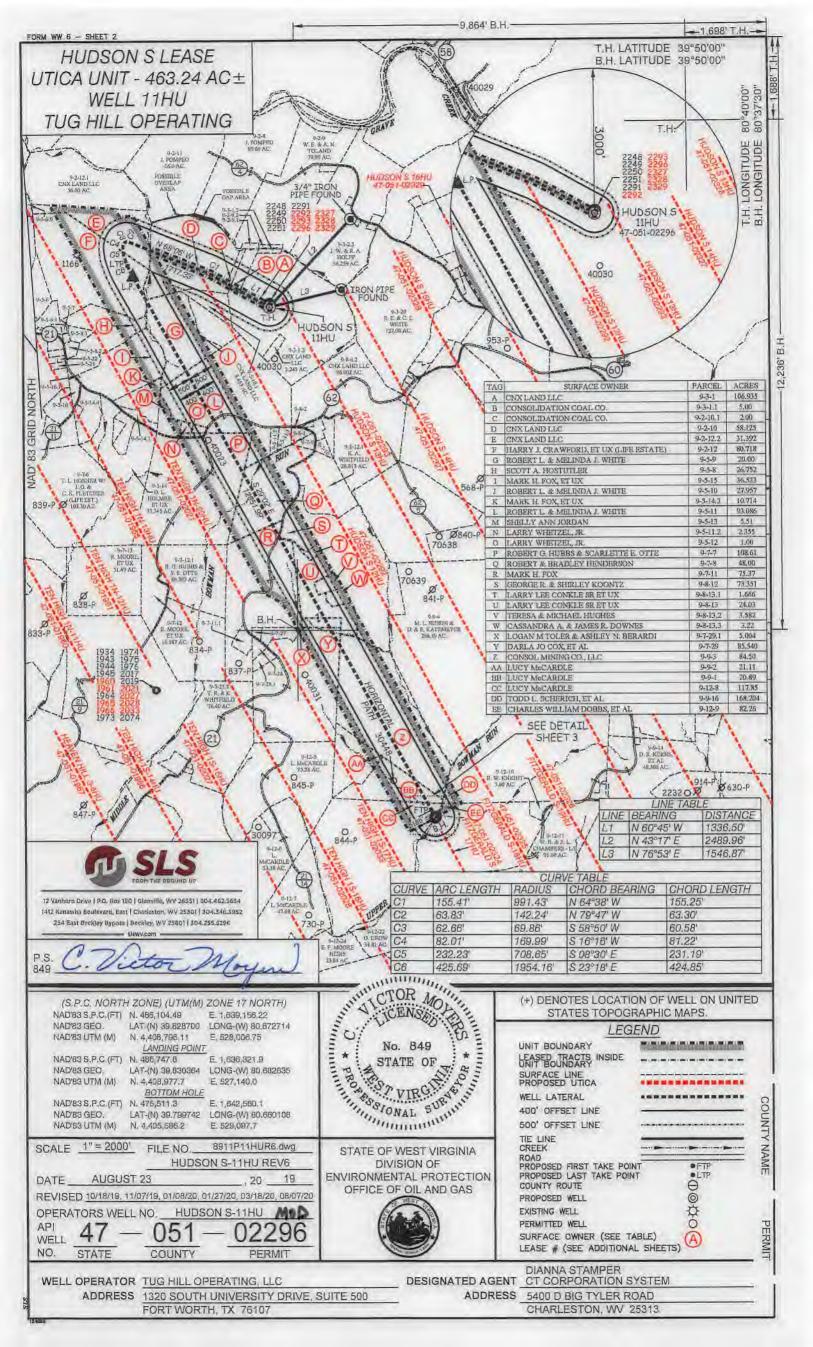
ESTIMATED DEPTH_TVD: 11,901' / TMD: 25,605

CLEAN OUT AND REPLUG_____ OTHER

POINT PLEASANT

ADDRESS 5400 D BIG TYLER ROAD CHARLESTON, WV 25313

TARGET FORMATION



HUDSON S LEASE UTICA UNIT - 463.24 AC± WELL 11HU TUG HILL OPERATING



12 Vanhorn Drive | P.O. Box 150 | Glenville, WV 26351 | 304.462.5634 1412 Kanawha Boulevard, East | Charleston, WV 25301 | 304.346.3952 254 East Beckley Bypass | Beckley, WV 25801 | 304.255.5296

NO.	Lease ID	Parcel	Tags	Grantor, Lessor, Etc.	Deed Bo	ok/Page
1	10*25041	9-3-1	A	FREDDIE C WHITE AND VIOLET L WHITE, ET AL	728	527
2	10*25044	9-3-1.1	В	JOYCE A WALLACE, ET AL	863	296
3	10*26711	9-2-10.1	C	CNX GAS COMPANY LLC	1074	593
4	10*26001	9-2-10	D	FREDDIE C WHITE AND VIOLET L WHITE	655	555
5	10*26000	9-2-12.2	E	HARRY J CRAWFORD AND DONNA JEAN CRAWFORD, LIFE ESTATE, ET AL	661	156
6	10*26000	9-2-12	F	HARRY J CRAWFORD AND DONNA JEAN CRAWFORD, LIFE ESTATE, ET AL	661	156
7	10*26001	9-5-9	G	FREDDIE C WHITE AND VIOLET I, WHITE	655	555
8	10*19206	9-5-8	Н	SCOTT A HOSTUTLER	724	208
9	10*19005	9-5-15	3	MARK H. FOX AND RETTA J. FOX, HIS WIFE	687	598
10	10*26001	9-5-10	1	FREDDIE C WHITE AND VIOLET L WHITE	655	555
11	10*19005	9-5-14.3	K	MARK H. FOX AND RETTA J. FOX, HIS WIFE	687	598
12	10*24424	9-5-11	L	THE FAYE A SKOIEN REVOCABLE TRUST, ET AL	1024	291
13	10*26002	9-5-13	M	GEORGIA JORDAN LIFE ESTATE AND SHELLY ANN JORDAN REMAINDERMAN	587	616
14	10*24424	9-5-11.2	N	THE FAYE A SKOIEN REVOCABLE TRUST	1024	291
15	10*47051.188.0	9-5-12	0	LARRY J WHETZEL JR	869	216
16	10*15503	9-7-7	P	ROBERT HUBBS	677	521
17	10*26003	9-7-8	a	ROBERT HENDERSON AND DEBRA HENDERSON, HUSBAND & WIFE, AND BRADLEY HENDERSON	697	215
18	10*47051.094.0	9-7-11	R	MARK H FOX	864	163
19	10*47051,208.0	9-8-12	S	SHIRLEY KOONTZ POA KELLI KOONTZ BENLINE	869	222
20	10*28169	9-8-13.1	T	LARRY L CONKLE AND DONNA D CONKLE	1068	299
21	10*28169	9-8-13	U	LARRY L CONKLE AND DONNA D CONKLE	1068	299
22	10*47051.150.1	9-8-13.2	V	MICHAELJ HUGHES & TERESA A HUGHES	866	309
23	10*28169	9-8-13.3	W	LARRY L CONKLE AND DONNA D CONKLE	1068	299
24	10*15524	9-7-29.1	X	CAROLJ ANDERSON ETAL	901	563
25	10*15524	9-7-29	Y	CAROL J ANDERSON ETAL	901	563
26	10*47051.304.0	9-9-3	Z	UNITED BANK INC	905	5
27	10*23386	9-9-2	AA	UNK HEIRS OF EDITH CARMICHAEL BY HERMAN LANTZ, ESQ AS SPEC COMMISSIONER, ET AL	1008	68
28	10*23386	9-9-1	ВВ	UNK HEIRS OF EDITH CARMICHAEL BY HERMAN LANTZ, ESQ AS SPEC COMMISSIONER, ET AL	1008	58
29	10*47051.289.1	9-12-8	CC	JANICE M HIXSON AND HARRY C HIXSON, ET AL	898	451
30	10*19987	9-9-16	DD	LESLEY D BALLA, ET AL	955	103
31	10*15999	9-12-9	EE	CHARLES W DOBBS AND JUDITH M DOBBS, ET AL	702	171

DETAIL SCALE: 1" = 500

FILE NO. 8911P11HUR6.d HUDSON S-11HU REV6 8911P11HUR6.dwg

DATE AUGUST 23 . 20

REVISED 10/18/19, 11/07/19, 01/08/20, 01/27/20, 03/18/20, 08/07/20

OPERATORS WELL NO.

HUDSON S-11HU

WELL STATE NO.



STATE OF WEST VIRGINIA DIVISION OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS



P.S.

WELL OPERATOR TUG HILL OPERATING, LLC

ADDRESS 1320 SOUTH UNIVERSITY DRIVE, SUITE 500 FORT WORTH, TX 76107

DIANNA STAMPER
DESIGNATED AGENT _ CT CORPORATION SYSTEM

ADDRESS 5400 D BIG TYLER ROAD CHARLESTON, WV 25313

COUNTY NAME

Operator's Well No. Hudson S-11HU

INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE Chapter 22, Article 6A, Section 5(a)(5) IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that –

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Lease Name or			(2.53)	6.002.0
Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page

*See attached pages

Acknowledgement of Possible Permitting/Approval In Addition to the Office of Oil and Gas

The permit applicant for the proposed well work addressed in this application hereby acknowledges the possibility of the need for permits and/or approvals from local, state, or federal entities in addition to the DEP, Office of Oil and Gas, including but not limited to the following:

- WV Division of Water and Waste Management
- · WV Division of Natural Resources WV Division of Highways
- U.S. Army Corps of Engineers
- U.S. Fish and Wildlife Service
- County Floodplain Coordinator

The applicant further acknowledges that any Office of Oil and Gas permit in no way overrides, replaces, or nullifies the need for other permits/approvals that may be necessary and further affirms that all needed permits/approvals should be acquired from the appropriate authority before the affected activity is initiated.

Well Operator:	Tug Hill Operating, LLC	
By:	Amy L. Miller Mysbulle.	
Its:	Permitting Specialist - Appalachia Region	

Lease ID	Parce	l Tag	Grantor, Lessor, Etc.	Grantee, Lessee, Etc.	Royalty	Deed B	ook/Page	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment
																	Chesapeake Appalachia LLC to Statoil USA	Statoli USA Onshore	Chesapeake Appalachia	Chevron USA Inc to TH
		- 1		CHESAPEAKE APPALACHIA	ļ												Onshore Properties Inc:	Properties Inc to Chevron	LLC to Chevron USA Inc:	
10*26041	9-3-1	_ A	FREDDIE C WHITE AND VIOLET L WHITE	LLC	1/8+	728	527	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	27/386	USA Inc: 30/427	30/461	Exploration LLC: 43/95
						1														Chevron USA Inc to TH Exploration II LLC & TH
10*26044	9-3-1	_ A	JOYCE A WALLACE	CHEVRON USA INC	1/8+	863	296	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95
																				Chevron USA Inc to TH Exploration II LLC & TH
10*26047	9-3-1	Α.	ROBERT D BLAKE AND ATHENA LIBERTY BLAKE	CHEVRON USA INC	1/8+	863	138	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95
		ł				İ														Chevron USA Inc to TH Exploration II LLC & TH
10*26048	9-3-1	Α.	LOIS J ELIAS AND LOUIS J ELIAS	CHEVRON USA INC	1/8+	861	599	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95
		i				1	1 1							1						Chevron USA Inc to TH Exploration II LLC & TH
10*26049	9-3-1	Α.	MARY H HUBBS	CHEVRON USA INC	1/8+	863	560	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95
1				1																Chevron USA Inc to TH Exploration II LLC & TH
10*26050	9-3-1	. A	BERNARD O CROW AND KAREN S CROW	CHEVRON USA INC	1/8+	863	627	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95
1																				Chevron USA Inc to TH Exploration II LLC & TH
10*26051	9-3-1		ROBERT W KIDNER	CHEVRON USA INC	1/8+	863	644	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration ILLC & 1H Exploration LLC: 43/95
			1			1										-		·		Chevron USA Inc to TH
10*26052	9-3-1		BETTY J BLAKE	CHEVRON USA INC	1/8+	863	545	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration II LLC & TH Exploration LLC: 43/95
					<u> </u>			,									1,411	.,,		Chevron USA Inc to TH
10*26053	9-3-1		ANTHONY T MOORE	CHEVRON USA INC	1/8+	854	343	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration II LLC & TH Exploration LLC: 43/95
10 2000		<u> </u>	THE STATE OF THE S	distribut during	2,0.	1 337	1 573			· · · · · · · · · · · · · · · · · · ·	N/A			17/0	19/2	14/6	11/2	17/2	17/2	Chevron USA Inc to TH
10*26054	9-3-1	١.	HIRAM VERNON MOORE	CHEVRON USA INC	1/8+	854	353	N/A	N/A	N/A	N/A	N/A	N/A							Exploration II LLC & TH
10 26034	9-3-1	+ ~	HIRAWI VERNON MOORE	CHEVRON USA INC	1/8+	834	353	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95 Chevron USA Inc to TH
					١.	1			.											Exploration II LLC & TH
10*26055	9-3-1	 ^	LARRY W MOORE SR	CHEVRON USA INC	1/8+	854	348	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95 Chevron USA Inc to TH
							l l													Exploration II LLC & TH
10*26056	9-3-1	- A	RONALD W MOORE	CHEVRON USA INC	1/8+	854	338	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95 Chevron USA Inc to TH
l	1	1				ļ														Exploration II LLC & TH
10*26057	9-3-1	_ A_	JOHN PURDY AND BRENDA S PURDY	CHEVRON USA INC	1/8+	854	420	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95
																	1			Chevron USA Inc to TH Exploration II LLC & TH
10*26058	9-3-1	A	CAROLE J WOOD	CHEVRON USA INC	1/8+	854	415	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95
		1			ļ	1														Chevron USA Inc to TH Exploration II LLC & TH
10*26059	9-3-1	Α_	TERRY L BLAKE	CHEVRON USA INC	1/8+	854	215	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95
							1 1													Chevron USA Inc to TH Exploration II LLC & TH
10*26060	9-3-1	A	ROBERT C BLAKE AND LYN BLAKE	CHEVRON USA INC	1/8+	854	333	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95
																				Chevron USA Inc to TH
10*26061	9-3-1	A	RODNEY W AND LINDA L HUBBS	CHEVRON USA INC	1/8+	854	435	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration II LLC & TH Exploration LLC: 43/95
						1				,							17.		.,,	Chevron USA Inc to TH
10*26062	9-3-1	_	SHANNON ROGER AND LORRAINE HUBBS	CHEVRON USA INC	1/8+	854	233	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration II LLC & TH Exploration LLC: 43/95
	1	T				1	1	1411			.,,,,		N/A	Wa		1970	II/A		11/0	Chevron USA Inc to TH
10*26063	9.3.1	١.	PATTY L RINE AND FLOYD D RINE	CHEVRON USA INC	1/8+	854	238	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration II LLC & TH
10 20003	7-3-1	+^-	TATTE CHINE AND FEOTO D RINE	CILTRON USA INC	1/07	834	230	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95 Chevron USA Inc to TH
10000004			CATHARINE LEE BLAKE	CHEVRON USA INC	.,.	,	_	N/A	N/c	N/*		.,,				***				Exploration II LLC & TH
10°26064	9-3-1	- A	CATRAKINE LEE BLAKE	CHEVRON USA INC	1/8+	863	550	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95 Chevron USA Inc to TH
	١.								.											Exploration II LLC & TH
10°26066	9-3-1	Α	DANNY E AND MARVA L BEYSER	CHEVRON USA INC	1/8+	858	36	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95 Chevron USA Inc to TH
																				Exploration II LLC & TH
10*26067	9-3-1	Α_	DONALD DEAN BEYSER	CHEVRON USA INC	1/8+	858	41	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95
	İ							1												Chevron USA Inc to TH Exploration II LLC & TH
10*26068	9-3-1	Α_	GARY F BLAKE AND DORIS E BLAKE	CHEVRON USA INC	1/8+	858	31	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95
	l			ļ					1		l									Chevron USA Inc to TH Exploration II LLC & TH
10*26069	9-3-1	A	MARILYN SUE REILLEY	CHEVRON USA INC	1/8+	857	597	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95
																				Chevron USA Inc to TH
10*26070	9-3-1	A	MARY W HOLMES	CHEVRON USA INC	1/8+	857	602	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration II LLC & TH Exploration LLC: 43/95
																	1			Chevron USA Inc to TH
10*26071	9-3-1	A	CHARLENE LORRAINE BAKER	CHEVRON USA INC	1/8+	857	607	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration II LLC & TH Exploration LLC: 43/95
			1		-,				.,,	.4	.47.		.4	.,,,,	1471	<u> </u>	1		1 146	

Lease ID	Parcel	Tag	Grantor, Lessor, Etc.	Grantee, Lessee, Etc.	Royalty	Deed B	ook/Page	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment
	i																			Chevron USA Inc to TH Exploration II LLC & TH
10*26072	9-3-1	A	JAMES L BLAKE	CHEVRON USA INC	1/8+	857	616	N/A	Exploration LLC: 43/95 Chevron USA Inc to TH											
		1			1															Exploration II LLC & TH
10*26073	9-3-1	A	DARLENE L BEYSER	CHEVRON USA INC	1/8+	860	176	N/A	Exploration LLC: 43/95 Chevron USA Inc to TH											
10*26074	9-3-1	١.	RANDYLYN MOORE AKA RANDY MOORE	CHEVRON USA INC	4.50	860	166	N/A							_					Exploration II LLC & TH
10-26074	9-3-1	+ ^	RANDILIN MOURE AKA RANDI MOORE	CHEVRON USA INC	1/8+	860	166	N/A	Exploration LLC: 43/95 Chevron USA Inc to TH											
10*26075	9-3-1		BETTY JOANN CECIL	CHEVRON USA INC	1/8+	860	119	N/A	N/A	N/A	N/A	N/A	N/A		21/2	21.64		21.62		Exploration II LLC & TH
10 100/3	331	<u> </u>	BETT JOANT CECE	CHEVRON OSA INC	1/0+	800	1119	N/A	Exploration LLC: 43/95 Chevron USA Inc to TH											
10*26076	9-3-1	A	DORIS IMOGENE GARRISON	CHEVRON USA INC	1/8+	860	114	N/A	Exploration II LLC & TH Exploration LLC: 43/95											
					<u> </u>					.,,.	17.1				147	72		140		Chevron USA Inc to TH
10*26077	9-3-1	A	DOROTHY J AND ROBERT M BLAKE	CHEVRON USA INC	1/8+	860	104	N/A	Exploration II LLC & TH Exploration LLC: 43/95											
																				Chevron USA Inc to TH
10*26078	9-3-1	Α_	VELMA RUTH HARRIS	CHEVRON USA INC	1/8+	860	228	N/A	Exploration II LLC & TH Exploration LLC: 43/95											
																				Chevron USA Inc to TH Exploration II LLC & TH
10*26079	9-3-1	Α_	MARY O'DESSA HARRIS LOUDEN	CHEVRON USA INC	1/8+	860	109	N/A	Exploration LLC: 43/95											
			SHARON DIANE HOLMES JAHN AND WILLILAM																	Chevron USA Inc to TH Exploration II LLC & TH
10*26080	9-3-1	A	HENRY JAHN III - W/H	CHEVRON USA INC	1/8+	860	217	N/A	Exploration LLC: 43/95											
						l														Chevron USA Inc to TH Exploration II LLC & TH
10*26081	9-3-1	A	CYNTHIA JEAN AND EDDIE W WILSON	CHEVRON USA INC	1/8+	861	545	N/A	Exploration LLC: 43/95 Chevron USA Inc to TH											
40435003		١.																		Exploration II LLC & TH
10*26082	9-3-1	1	BRIAN C AND SARA M LUTZ	CHEVRON USA INC	1/8+	861	550	N/A	Exploration LLC: 43/95 Chevron USA Inc to TH											
10*26083	9-3-1		WILLIAM S BLAKE JR	CHEVRON USA INC	1/8+	861	535	N/A	N/A	N/A	N/A	N/A	N/A	N/4	N/A					Exploration II LLC & TH
10 20083	3-3-1	<u> </u>	WILLIAM 3 DEALE IN	CHEVRON DIA INC	1/0+	907	333	N/A	Exploration LLC: 43/95 Chevron USA Inc to TH											
10*26084	9-3-1	Α.	CYNTHIA A AND JAMES O DAVIDSON	CHEVRON USA INC	1/8+	889	46	N/A	Exploration II LLC & TH Exploration LLC: 43/95											
					-,			.,,,,	14/	.,,,		11/10	19/5	11/0	N/A	N/A	NA	11/6	N/A	Chevron USA Inc to TH
10*26085	9-3-1	A	CLYDE R AND JANA HIGGINS	CHEVRON USA INC	1/8+	861	508	N/A	Exploration II LLC & TH Exploration LLC: 43/95											
													·				.,,	14.1		Chevron USA Inc to TH
10°26086	9-3-1	A	DELMAS W AND ROSE HIGGINS	CHEVRON USA INC	1/8+	861	503	N/A	Exploration II LLC & TH Exploration LLC: 43/95											
																				Chevron USA Inc to TH Exploration II LLC & TH
10*26087	9-3-1	A	JERRY L AND DENISE HIGGINS	CHEVRON USA INC	1/8+	861	526	N/A	Exploration LLC: 43/95											
																				Chevron USA Inc to TH Exploration II LLC & TH
10*26088	9-3-1	A	SHIRL W AND DORIS HIGGINS	CHEVRON USA INC	1/8+	861	540	N/A	Exploration LLC: 43/95											
							i l													Chevron USA Inc to TH Exploration II LLC & TH
10*26089	9-3-1	A	ALVA L AND SHIRLEY HIGGINS	CHEVRON USA INC	1/8+	861	521	N/A	Exploration LLC: 43/95 Chevron USA Inc to TH											
10125000		١. ا	H DEAN AND KAREN HIGGINS																	Exploration II LLC & TH
10*26090	y-3-1	^	IT DEAN AND KAKEN HIGGINS	CHEVRON USA INC	1/8+	861	516	N/A	Exploration LLC: 43/95 Chevron USA Inc to TH											
10*26091	9-3-1		JOELENE M MANN	CHEVRON USA INC	1/8+	864	55	N/A	Exploration II LLC & TH Exploration LLC: 43/95											
					2/07			170	170	11/0	17/5	IN/A	N/A	Chevron USA Inc to TH						
10*26092	9-3-1	A .	SHAWN J AND SARAH E CREWS	CHEVRON USA INC	1/8+	864	50	N/A	Exploration II LLC & TH Exploration LLC: 43/95											
													-11.	.40	.40	140	.,,,		.70	Chevron USA Inc to TH
10*26093	9-3-1		JOYCE HOLMES CONE AND WILLLIAM CONE - W/H	CHEVRON USA INC	1/8+	861	493	N/A	Exploration II LLC & TH Exploration LLC: 43/95											
																·			. • · · ·	Chevron USA Inc to TH
10*26094	9-3-1	A	MARK L CURRY	CHEVRON USA INC	1/8+	865	102	N/A	Exploration II LLC & TH Exploration LLC: 43/95											
																				Chevron USA Inc to TH Exploration II LLC & TH
10*26095	9-3-1	A	CHRISTINA C MUNSON	CHEVRON USA INC	1/8+	865	107	N/A	Exploration LLC: 43/95											
																				Chevron USA Inc to TH Exploration II LLC & TH
10*26097	9-3-1	A	DAVID L BEYSER	CHEVRON USA INC	1/8+	865	173	N/A	Exploration LLC: 43/95											
				1	l		-													Chevron USA Inc to TH Exploration II LLC & TH
10*26098	9-3-1	1 A J	KIMBERLY J HOLDER	CHEVRON USA INC	1/8+	867	87	N/A	Exploration LLC: 43/95											

Lease ID	Parcel	Tag	Grantor, Lessor, Etc.	Grantee, Lessee, Etc.	Rovaltv	Deed Bo	ook/Page	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment
					,,		1									J				Chevron USA Inc to TH
4000000		١. ١	CAROL TROWINGS ST. VID	CHEVRON USA INC	1.00	000	,,,,	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration II LLC & TH Exploration LLC: 43/95
10*26099	9-3-1	Α	CAROL TROWBRIDGE ET VIR	CHEVRON USA INC	1/8+	866	138	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH
						t														Exploration II LLC & TH
10*26100	9-3-1	Α	JOSEPH L AND ROSE MARIE MAUPIN	CHEVRON USA INC	1/8+	866	67	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95
		1															1			Chevron USA Inc to TH Exploration II LLC & TH
10*26120	9-3-1	l a	JAMES D AND LINDA D YOCUM	CHEVRON USA INC	1/8+	884	635	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95
					<u> </u>		1		,	·	·				·	·				Chevron USA Inc to TH
		1					l l													Exploration II LLC & TH
10°26121	9-3-1	A	BETTY BRYNER	CHEVRON USA INC	1/8+	871	64	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95 Chevron USA Inc to TH
		1										ļ								Exploration II LLC & TH
10*26236	9-3-1	A	GERALD W QUIGLEY AND VICKI L QUIGLEY	CHEVRON USA INC	1/8+	884	50	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95
																				Chevron USA Inc to TH Exploration II LLC & TH
10*26237	9-3-1		FREDA L CAMPBELL	CHEVRON USA INC	1/8+	889	40	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95
20 20207		Ť										.,							,	Chevron USA Inc to TH
																				Exploration II LLC & TH
10*26238	9-3-1	Α_	MARSHA L MERCER	CHEVRON USA INC	1/8+	883	639	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95 Chevron USA Inc to TH
		1											1							Exploration II LLC & TH
10*26287	9-3-1	Α	IVAN R AND MARY A BLAKE	CHEVRON USA INC	1/8+	888	542	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95
																				Chevron USA Inc to TH
10*26288	9-3-1		REBECCA J BLAKE	CHEVRON USA INC	1/8+	888	571	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration II LLC & TH Exploration LLC: 43/95
10 20200	331	1	TEDESCA P DEALE	CHETHON OSMITO	1,0.	- 555	7/2		1.9.1	14/11	1,,,,		147.1	14.1	14/1	1471	1	1411	1,,,,	Chevron USA Inc to TH
		1		İ	ł															Exploration II LLC & TH
10*26289	9-3-1	Α	DUANETTA B BLAKE FROMHART	CHEVRON USA INC	1/8+	888	574	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95 Chevron USA Inc to TH
						1														Exploration II LLC & TH
10*26291	9-3-1	А	BARBARA A BLAKE MASON	CHEVRON USA INC	1/8+	901	125	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95
		1																		Chevron USA Inc to TH
10*26292	9-3-1	_ A	JUDITH L BLAKE	CHEVRON USA INC	1/8+	882	329	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration II LLC & TH Exploration LLC: 43/95
10 20252	331	 ^-	JOHNTEBERKE	CHEVROIT OUT INC	1,0.	COL	1 323	147.	.,,,,									147.	1,7,7	Chevron USA Inc to TH
												_								Exploration II LLC & TH
10*26293	9-3-1	Α_	JAY C CURRY	CHEVRON USA INC	1/8+	882	433	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95 Chevron USA Inc to TH
	1				1	l							1							Exploration II LLC & TH
10*26294	9-3-1	A	JOAN A GIEGER	CHEVRON USA INC	1/8+	880	509	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95
																				Chevron USA Inc to TH
10*26295	9-3-1	١ , ١	ARTHUR LEE WARYCK	CHEVRON USA INC	1/8+	880	512	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration II LLC & TH Exploration LLC: 43/95
10-26295	9-3-1		ARTHOR LEE WARTCK	CHEVRON OSA INC	1/0+	- 880	312	19/4	n/A	11/0	11/0	11/0	17/2	11/2	1976	11/0	177	11//	1970	Chevron USA Inc to TH
					1									l						Exploration II LLC & TH
10*26296	9-3-1	A	CARL G CALDWELL	CHEVRON USA INC	1/8+	883	530	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95 Chevron USA Inc to TH
																				Exploration II LLC & TH
10*26297	9-3-1	A	DIANA L MCKINNEY	CHEVRON USA INC	1/8+	885	560	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95
																				Chevron USA Inc to TH
10\$35300		١.	IAME HENDBICKSON	CHEVRON USA INC	1/8+	886	429	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration II LLC & TH Exploration LLC: 43/95
10*26298	9-3-1	A	JANE HENDRICKSON	CLIEAKON ORA INC	1/0+	800	429	N/A	N/A	N/A	N/A	11/4	18/4	IN/A	N/A	N/A	11/4		11/4	Chevron USA Inc to TH
					1															Exploration II LLC & TH
10*26299	9-3-1	A	BETTY WILKINSON DANIEL A MCVANE AIF	CHEVRON USA INC	1/8+	886	432	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95
1		1			1															Chevron USA Inc to TH Exploration II LLC & TH
10*26300	9-3-1	A	JILL LORI HENNEN BARNETT	CHEVRON USA INC	1/8+	886	439	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95
10*27180	9-3-1	Α	TAMALA SCOLLICK	TH EXPLORATION LLC	1/8+	1053	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*27181			CRYSTAL THOMAS	TH EXPLORATION LLC		1052		N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A
10*27703	9-3-1	-A	RONALD W MOORE	TH EXPLORATION LLC	1/8+	1061	255	N/A	N/A	N/A	n/A	IV/A	IN/A	IN/A	N/A	N/A	N/A Chesapeake Appalachia	N/A	IN/A	N/A
					1									j			LLC to Statoil USA	Statoil USA Onshore	Chesapeake Appalachia	Chevron USA Inc to TH
			1		1 .		l l											Properties Inc to Chevron		
10*26044	9-3-1.1	B	JOYCE A WALLACE	CHEVRON USA INC	1/8+	863	296	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	27/386	USA Inc: 30/427	30/461	Exploration LLC: 43/95 Chevron USA Inc to TH
			1		1															Exploration II LLC & TH
10*26047	9-3-1.1	В	ROBERT D BLAKE AND ATHENA LIBERTY BLAKE	CHEVRON USA INC	1/8+	863	138	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95
																				Chevron USA Inc to TH
10*26048	9-3-1.1	.	LOIS J ELIAS AND LOUIS J ELIAS	CHEVRON USA INC	1/8+	861	599	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration II LLC & TH Exploration LLC: 43/95
10-26048	3-3-1.1	+ -	LOIST EGINS AND EGGIST EGINS	CILTROIT OUN INC	1/67	801	333	170	.,,,,	17/0	19/0	17/0	17/2	17/2	13/0	11/0	11/0	11/0	17/0	Chevron USA Inc to TH
1	1	1			1	Į														Exploration II LLC & TH
10°26049	9-3-1.1	В	MARY H HUBBS	CHEVRON USA INC	1/8+	863	560	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95
1	1				1					ĺ										Chevron USA Inc to TH Exploration II LLC & TH
10*26050	9-3-1.1	В	BERNARD O CROW AND KAREN S CROW	CHEVRON USA INC	1/8+	863	627	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95
																				

WW-6A1 Supplement

Lease ID	Parcel	Tag	Grantor, Lessor, Etc.	Grantee, Lessee, Etc.	Royalty	Deed Bo	ook/Page	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment
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10*26051	9-3-1.1		ROBERT W KIDNER	CHEVRON USA INC	1/8+	863	644	N/A	N/A	N/A	N/A	N/A								Exploration II LLC & TH
10-26051	9-3-1.1	-	ROBERT W KIDNER	CHEVRON USA INC	1/8+	863	644	N/A	N/A	N/A	N/A	Exploration LLC: 43/95 Chevron USA Inc to TH								
		1				1	1 1													Exploration II LLC & TH
10*26052	9-3-1.1	В	BETTY J BLAKE	CHEVRON USA INC	1/8+	863	545	N/A	N/A	N/A	N/A	Exploration LLC: 43/95								
		1				1	1 1													Chevron USA Inc to TH
10*26053	9-3-1.1	В	ANTHONY T MOORE	CHEVRON USA INC	1/8+	854	343	N/A	N/A	N/A	N/A	Exploration II LLC & TH Exploration LLC: 43/95								
											·						.4			Chevron USA Inc to TH
		_				l	l l												1 .	Exploration II LLC & TH
10°26054	9-3-1.1	В	HIRAM VERNON MOORE	CHEVRON USA INC	1/8+	854	353	N/A	N/A	N/A	N/A	Exploration LLC: 43/95 Chevron USA Inc to TH								
	1																			Exploration II LLC & TH
10°26055	9-3-1.1	В	LARRY W MOORE SR	CHEVRON USA INC	1/8+	854	348	N/A	N/A	N/A	N/A	Exploration LLC: 43/95								
	Į.	1			i	1	1 1	1												Chevron USA Inc to TH
10*26056	9-3-1.1	Ь	RONALD W MOORE	CHEVRON USA INC	1/8+	854	338	N/A	N/A	N/A	N/A	Exploration II LLC & TH Exploration LLC: 43/95								
					1			.,							.,,,,			14/1	.,,,,	Chevron USA Inc to TH
		_	l			l	l l													Exploration II LLC & TH
10*26057	9-3-1.1	+-	JOHN PURDY AND BRENDA S PURDY	CHEVRON USA INC	1/8+	854	420	N/A	N/A	N/A	N/A	Exploration LLC: 43/95								
						1														Chevron USA Inc to TH Exploration II LLC & TH
10*26058	9-3-1.1	В	CAROLE J WOOD	CHEVRON USA INC	1/8+	854	415	N/A	N/A	N/A	N/A	Exploration LLC: 43/95								
		1		1		ŀ														Chevron USA Inc to TH
10*26059	9-3-1.1	В	TERRY L BLAKE	CHEVRON USA INC	1/8+	854	215	N/A	N/A	N/A	N/A	Exploration II LLC & TH Exploration LLC: 43/95								
	1	1			-70	1				.4	.,,		197	17/2		14/2	11/2	N/A	1970	Chevron USA Inc to TH
							1 1													Exploration II LLC & TH
10*26060	9-3-1.1	В	ROBERT C BLAKE AND LYN BLAKE	CHEVRON USA INC	1/8+	854	333	N/A	N/A	N/A	N/A	Exploration LLC: 43/95								
																				Chevron USA Inc to TH Exploration II LLC & TH
10*26061	9-3-1.1	В	RODNEY W AND LINDA L HUBBS	CHEVRON USA INC	1/8+	854	435	N/A	N/A	N/A	N/A	Exploration LLC: 43/95								
																				Chevron USA Inc to TH
10*26062	9.2.1.1		SHANNON ROGER AND LORRAINE HUBBS	CHEVRON USA INC	1/8+	854	233	N/A	11/4	11/4		Exploration II LLC & TH								
10 20002	3-3-1.1	+	STARROW ROOLS AND LORNAINE HOBBS	CIEVRON OSA INC	1/07	1 0.54	233	N/A	N/A	N/A	N/A	Exploration LLC: 43/95 Chevron USA Inc to TH								
1				1	l															Exploration II LLC & TH
10*26063	9-3-1.1	В	PATTY L RINE AND FLOYD D RINE	CHEVRON USA INC	1/8+	854	238	N/A	N/A	N/A	N/A	Exploration LLC: 43/95								
				1		1		1							,					Chevron USA Inc to TH Exploration II LLC & TH
10*26064	9-3-1.1	В	CATHARINE LEE BLAKE	CHEVRON USA INC	1/8+	863	550	N/A	N/A	N/A	N/A	Exploration LLC: 43/95								
		T															·			Chevron USA Inc to TH
10*26066	9-3-1.1	١	DANNY E AND MARVA L BEYSER	CHEVRON USA INC	1/8+	858	36	N/A						Exploration II LLC & TH						
10-26066	9-3-1.1	-	DANNT E AND MARVA L BETSER	CHEVRON USA INC	1/8+	858	36	N/A	N/A	N/A	N/A	Exploration LLC: 43/95 Chevron USA Inc to TH								
																				Exploration II LLC & TH
10°26067	9-3-1.1	В	DONALD DEAN BEYSER	CHEVRON USA INC	1/8+	858	41	N/A	N/A	N/A	N/A	Exploration LLC: 43/95								
						1		1												Chevron USA Inc to TH Exploration II LLC & TH
10*26068	9-3-1.1	В	GARY F BLAKE AND DORIS E BLAKE	CHEVRON USA INC	1/8+	858	31	N/A	N/A	N/A	N/A	Exploration LLC: 43/95								
															·			.,		Chevron USA Inc to TH
********		1.1	MARILYN SUE REILLEY	CITCUPON MEA INC	4/0.															Exploration II LLC & TH
10*26069	y-3-1.1	В	INVESTIGATION SOC REILLET	CHEVRON USA INC	1/8+	857	597	N/A	N/A	N/A	N/A	Exploration LLC: 43/95 Chevron USA Inc to TH								
	l										1									Exploration II LLC & TH
10*26070	9-3-1.1	В	MARY W HOLMES	CHEVRON USA INC	1/8+	857	602	N/A	N/A	N/A	N/A	Exploration LLC: 43/95								
]											Chevron USA Inc to TH
10*26071	9-3-1.1	В	CHARLENE LORRAINE BAKER	CHEVRON USA INC	1/8+	857	607	N/A	N/A	N/A	N/A	Exploration II LLC & TH Exploration LLC: 43/95								
					T								-4		.4					Chevron USA Inc to TH
		_																l	_	Exploration II LLC & TH
10*26072	9-3-1.1	B	JAMES L BLAKE	CHEVRON USA INC	1/8+	857	616	N/A	N/A	N/A	N/A	Exploration LLC: 43/95 Chevron USA Inc to TH								
																				Exploration II LLC & TH
10*26073	9-3-1.1	В	DARLENE L BEYSER	CHEVRON USA INC	1/8+	860	176	N/A	N/A	N/A	N/A	Exploration LLC: 43/95								
							T													Chevron USA Inc to TH
10*26074	9-3-1 1	l B	RANDYLYN MOORE AKA RANDY MOORE	CHEVRON USA INC	1/8+	860	166	N/A	N/A	N/A	N/A	Exploration II LLC & TH Exploration LLC: 43/95								
20 200/4	55-1.1	1	THE THE MOONE PROPERTY IN THE		2/0+	1 200		1970	197	147	19/5		n/A	re/A	IV/A	N/A	IN/A	IN/A	N/A	Chevron USA Inc to TH
	1							Ì			l									Exploration II LLC & TH
10*26075	9-3-1.1	В	BETTY JOANN CECIL	CHEVRON USA INC	1/8+	860	119	N/A	N/A	N/A	N/A	Exploration LLC: 43/95								
																				Chevron USA Inc to TH Exploration II LLC & TH
10*26076	9-3-1.1	В	DORIS IMOGENE GARRISON	CHEVRON USA INC	1/8+	860	114	N/A	N/A	N/A	N/A	Exploration II LLC & 1H Exploration LLC: 43/95								
															•				-4**	Chevron USA Inc to TH
10*26077			DOBOTHY I AND BOREST MARIANE	CHEVRON USA INC	1/0.	860	1	N/A	N/A	N/A	N/A			.,,						Exploration II LLC & TH
10 260//	5-5-1.1	1 8	DOROTHY J AND ROBERT M BLAKE	TO LEAVON ORNING	1/8+	1 990	104	IN/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95							

Lease ID	Parcel	Tag	Grantor, Lessor, Etc.	Grantee, Lessee, Etc.	Royalty	Deed Bo	ook/Page	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment
																				Chevron USA Inc to TH Exploration II LLC & TH
10*26078	9-3-1.1	В	VELMA RUTH HARRIS	CHEVRON USA INC	1/8+	860	228	N/A	Exploration LLC: 43/95											
																				Chevron USA Inc to TH Exploration II LLC & TH
10*26079	9-3-1.1	В	MARY O'DESSA HARRIS LOUDEN	CHEVRON USA INC	1/8+	860	109	N/A	Exploration LLC: 43/95 Chevron USA Inc to TH											
			SHARON DIANE HOLMES JAHN AND WILLILAM								1									Exploration II LLC & TH
10*26080	9-3-1.1	В	HENRY JAHN III - W/H	CHEVRON USA INC	1/8+	860	217	N/A	Exploration LLC: 43/95											
															:					Chevron USA Inc to TH Exploration II LLC & TH
10*26081	9-3-1.1	В	CYNTHIA JEAN AND EDDIE W WILSON	CHEVRON USA INC	1/8+	861	545	N/A	Exploration LLC: 43/95 Chevron USA Inc to TH											
1													i							Exploration II LLC & TH
10*26082	9-3-1.1	В	BRIAN C AND SARA M LUTZ	CHEVRON USA INC	1/8+	861	550	N/A	Exploration LLC: 43/95 Chevron USA Inc to TH											
																				Exploration II LLC & TH
10*26083	9-3-1.1	В	WILLIAM S BLAKE JR	CHEVRON USA INC	1/8+	861	535	N/A	Exploration LLC: 43/95 Chevron USA Inc to TH											
						l	1 1													Exploration II LLC & TH
10*26084	9-3-1.1	В	CYNTHIA A AND JAMES O DAVIDSON	CHEVRON USA INC	1/8+	889	46	N/A	Exploration LLC: 43/95 Chevron USA Inc to TH											
10*26085			CLYDE R AND JANA HIGGINS	CHEVRON USA INC	1/8+	861	508	N/A	N/A	N/A	N/A									Exploration II LLC & TH
10*26085	9-3-1.1	В	CLYDE R AND JANA HIGGINS	CHEVRON USA INC	1/8+	861	508	N/A	Exploration LLC: 43/95 Chevron USA Inc to TH											
10135005			DELMAS W AND ROSE HIGGINS	CHEVRON USA INC	1/8+		503	N/A	N/A	N/A										Exploration II LLC & TH
10-26086	9-3-1.1	-	DELMAS W AND ROSE HIGGINS	CHEVRON USA INC	1/8+	861	503	N/A	Exploration LLC: 43/95 Chevron USA Inc to TH											
10*26087			JERRY L AND DENISE HIGGINS	CHEVRON USA INC	1/8+	861	526	N/A						Exploration II LLC & TH						
10 20007	3-3-1.1	┼╩	JERRY L AND DENISE HIGGINS	CHEVRON USA INC	1/0+	901	326	N/A	Exploration LLC: 43/95 Chevron USA Inc to TH											
10*26098	0.2.11		SHIRL W AND DORIS HIGGINS	CHEVRON USA INC	1/8+	861	540	N/A	Exploration II LLC & TH											
10 20000	3-3-1.1		STIRE WAND DONISTINGING	CHEVROIT OSA INC	1/07	301	340	19/5	11/4	N/A	Exploration LLC: 43/95 Chevron USA Inc to TH									
10*26089	9-3-1.1	В	ALVA L AND SHIRLEY HIGGINS	CHEVRON USA INC	1/8+	861	521	N/A	Exploration II LLC & TH Exploration LLC: 43/95											
10 2005	3-3-1.1	+-	ALVA E AIVE STIRLET HIGGINS	CHEVRON OSA INC	1/0+	- 801	321	1976	17/0	IV/A	N/A	19/6	N/A	N/A	N/A	N/A	N/A	IN/A	N/A	Chevron USA Inc to TH
10*26090	9-3-1.1	R	H DEAN AND KAREN HIGGINS	CHEVRON USA INC	1/8+	861	516	N/A	Exploration II LLC & TH Exploration LLC: 43/95											
10 10050	772.2	†			1,0.	1	320			N/A		N/A	11/0	N/A	N/A	N/A	19/6	14/4	N/A	Chevron USA Inc to TH
10*26091	9-3-1.1	В	JOELENE M MANN	CHEVRON USA INC	1/8+	864	55	N/A	Exploration II LLC & TH Exploration LLC: 43/95											
					1,0			1411	.,,,		NA	11/0		N/A	170	N/A	19/6	IN/A	N/A	Chevron USA Inc to TH
10*26092	9-3-1.1	В	SHAWN J AND SARAH E CREWS	CHEVRON USA INC	1/8+	864	50	N/A	Exploration II LLC & TH Exploration LLC: 43/95											
					1,7	1		.,		.,,		.,,,		147.			1000	1975		Chevron USA Inc to TH
10*26093	9-3-1.1		JOYCE HOLMES CONE AND WILLLIAM CONE -	CHEVRON USA INC	1/8+	861	493	N/A	Exploration II LLC & TH Exploration LLC: 43/95											
								,						.,,		.,,,,,				Chevron USA Inc to TH
10*26094	9-3-1.1	В	MARK L CURRY	CHEVRON USA INC	1/8+	865	102	N/A	Exploration II LLC & TH Exploration LLC: 43/95											
										-										Chevron USA Inc to TH
10*26095	9-3-1.1	В	CHRISTINA C MUNSON	CHEVRON USA INC	1/8+	865	107	N/A	Exploration II LLC & TH Exploration LLC: 43/95											
																			•	Chevron USA Inc to TH
10*26097	9-3-1.1	В	DAVID L BEYSER	CHEVRON USA INC	1/8+	865	173	N/A	Exploration II LLC & TH Exploration LLC: 43/95											
										-										Chevron USA Inc to TH
10°26098	9-3-1.1	В	KIMBERLY J HOLDER	CHEVRON USA INC	1/8+	867	87	N/A	Exploration II LLC & TH Exploration LLC: 43/95											
							1 1													Chevron USA Inc to TH Exploration II LLC & TH
10*26099	9-3-1.1	В	CAROL TROWBRIDGE ET VIR	CHEVRON USA INC	1/8+	866	138	N/A	Exploration LLC: 43/95											
																				Chevron USA Inc to TH Exploration II LLC & TH
10*26100	9-3-1.1	В	JOSEPH L AND ROSE MARIE MAUPIN	CHEVRON USA INC	1/8+	866	67	N/A	Exploration LLC: 43/95											
[1															Chevron USA Inc to TH Exploration II LLC & TH
10*26120	9-3-1.1	В	JAMES D AND LINDA D YOCUM	CHEVRON USA INC	1/8+	884	635	N/A	Exploration LLC: 43/95											
																				Chevron USA Inc to TH Exploration II LLC & TH
10*26121	9-3-1.1	В	BETTY BRYNER	CHEVRON USA INC	1/8+	871	64	N/A	Exploration LLC: 43/95											
					1															Chevron USA Inc to TH Exploration II LLC & TH
10*26236	9-3-1.1	8	GERALD W QUIGLEY AND VICKI L QUIGLEY	CHEVRON USA INC	1/8+	884	50	N/A	Exploration LLC: 43/95											
																				Chevron USA Inc to TH Exploration II LLC & TH
10*26237	9-3-1.1	В	FREDA L CAMPBELL	CHEVRON USA INC	1/8+	889	40	N/A	Exploration LLC: 43/95											

March Marc	Lease ID	Parcel	Tag	Grantor, Lessor, Etc.	Grantee, Lessee, Etc.	Royalty	Deed B	ook/Page	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment
Section Sect	200010	7,0,00	10,			1.10,4.10,	1	1							7==0						Chevron USA Inc to TH
Column C			١.	l			1	l													
Part	10*26238	9-3-1.1	В	MARSHA L MERCER	CHEVRON USA INC	1/8+	883	639	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Section Sect	1		1			1	1													1	
Part	10*26287	9-3-1.1	В	IVAN R AND MARY A BLAKE	CHEVRON USA INC	1/8+	888	542	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Professor Prof			1																		
Part Part		l	i _					1													
1.00 1.00	10*26288	9-3-1.1	B	REBECCA J BLAKE	CHEVRON USA INC	1/8+	888	571	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1965 1965			İ		1		1	1					1								
Professor Prof	10*26289	9-3-1.1	В	DUANETTA B BLAKE FROMHART	CHEVRON USA INC	1/8+	888	574	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1			T																		
Part																					
Property Property	10*26291	9-3-1.1	В	BARBARA A BLAKE MASON	CHEVRON USA INC	1/8+	901	125	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Part	1			i								1									
Second S	10*26292	9-3-1.1	В	JUDITH L BLAKE	CHEVRON USA INC	1/8+	882	329	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95
19-19 19-1																					
Part				l		1		l													
Property Property	10*26293	9-3-1.1	В	JAY C CORRY	CHEVRON USA INC	1/8+	882	433	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Part Part						1														+	
1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	10*26294	9-3-1.1	В	JOAN A GIEGER	CHEVRON USA INC	1/8+	880	509	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95
1								T													
Part Part			l _																		
Professionary Professionar	10*26295	9-3-1.1	B	AKTHUR LEE WARYCK	CHEVKON USA INC	1/8+	880	512	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
String S						1							1								
197-1003 3-3-12 0	10*26296	9-3-1.1	В	CARL G CALDWELL	CHEVRON USA INC	1/8+	883	530	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95
19-15 19-15																			1		
9-31 0 REFERENCIAL CONTROL LANGE LAN			1			l															
P-16299 P-16	10*26297	9-3-1.1	В	DIANA L MCKINNEY	CHEVRON USA INC	1/8+	885	560	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
9-19-19-19-19-19-19-19-19-19-19-19-19-19			1									1					İ				
Part Part	10*26298	9-3-1.1	В	JANE HENDRICKSON	CHEVRON USA INC	1/8+	886	429	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1975-1975 9-3-1 5 1877 1879-1975 9-3-1 5 1877 1879-1975 9-3-1 5 1879 1879-1975 9-3-1 5 1879-1975 9-3-1 9															1						
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97-95-95 P-5-1 F REFERENCE CONTROLLED NO. 15-1- 15- 15- 15- 15- 15- 15- 15- 15- 1	10*26299	9-3-1.1	В	BETTY WILKINSON DANIEL A MCVANE AIF	CHEVRON USA INC	1/8+	886	432	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1975-1975 9-3-1 5 10.00 10.0			1			ľ						1			1		1			1	
1979/11 9-14 5 00 00 00 00 00 00 00	10*26300	9-3-1.1	В	JILL LORI HENNEN BARNETT	CHEVRON USA INC	1/8+	886	439	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1979 13 9-3-13 8 19 19 19 19 19 19 19						<u> </u>		T											,		Chevron USA Inc to TH
1077210 3-5-11 0 1077215 0 3-15 0 3-15 0							1							1 .				1 .		l .	
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10-72671 9-10. C OXIGA COMPANY LIC HIVE PROPARTION LIC 1/8- 1/8- 1/8- 1/8- 1/8- 1/8- 1/8- 1/8-																					
Part Part															N/A	N/A		N/A	N/A		N/A
17/26/01								1							f						
9-2-10 0 FREDDIE CWHITE AND VIOLET L WHITE 10-26000 9-2-12 0 FREDDIE CWHITE AND VIOL													7-17		T-15						
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10°26000 9-2-12.2 E CRAWFORD, UFE ESTATE, ET AL TRIENREGY INC 1/8* 651 156 N/A N/A N/A N/A Resources LLC 10/5725 665/40 LP-21/1319 685/643 & 21/250 LP-21/1319 CRAWFORD AND DONNA JEAN LC Enterplus to Cherron USA Inc: 28/355 Exploration LLC 43/95												L		L	AB Resources LLC to Chie	2000 LP to Enerplus					
AR RESOURCES LLC to Chief Exploration & Chief	40*****		_		TRIENERCY IN:	1.0			N/4	N/4	M/*			TriEnergy Inc to TriEnergy	E&D LLC & Radler 2000	Resources USA Corp:					
AB Resources LLC to Chief LC Radier 2000 P. & AB Resources LLC to Chief LC Radier 2000	10-26000	9-2-12.2	<u> </u>	CKAWFORD, LIFE ESTATE, ET AL	I RIENEKGY INC	1/8+	661	156	N/A	N/A	N/A	Resources LLC: 20/252			LF: 21/319		LF: 24/319			USA INC: 28/356	Exploration LLC: 43/95
HARRY CRAWFORD AND DONNA JEAN 10°26000 9-2-12 F CRAWFORD, LIFE ESTATE, ET AL TRIENERGY INC 1/8+ F CRAWFORD, LIFE ESTATE, ET AL TRIENERGY INC 1/8- F CRAWFORD, LIFE ESTATE, ET AL TRIENERGY INC 1/8- F CRAWFORD, LIFE ESTATE, ET AL TRIENERGY INC 1/8- F CRAWFORD, LIFE ESTATE, ET AL TRIENERGY INC 1/8- F CRAWFORD, LIFE ESTATE, ET AL TRIENERGY INC 1/8- F CRAWFORD, LIFE ESTATE, ET AL TRIENERGY INC 1/8- F CROWFORD AS A Resources LLC to Cheff Lic, ESTATE, ESTATE, LIFE ESTATE, ESTATE, LIFE ESTATE, LIFE ESTATE, LIFE ESTATE, LIFE ESTATE, LIFE ESTATE, LIFE ESTATE, LIFE ESTATE, LIFE ESTATE, LIFE ESTATE, LIFE ESTATE, LIFE ESTATE, LIFE ESTATE, LIFE ESTATE,						l						I			AB Resources LLC to Chie		AB Resources LLC to Chie			TriEnergy Holdings LLC &	Chevron USA Inc to TH
AB Resources LLC to Chief EaD LLC & Radler 2000 LP to Enerplus 1 AB Resources LLC to Chief EaD LLC & Radler 2000 LP to Enerplus 1 AB Resources LLC to Chief EaD LLC & Radler 2000 LP to Enerplus 1 AB Resources LLC to Chief EaD LLC & Radler 2000 LP to Enerplus 1 AB Resources LLC to Chief EaD LLC & Radler 2000 LP & EaD LLC & Radler 2000 LP & EaD LLC & Radler 2000 LP & EaD LLC & Radler 2000 LP & EaD LLC & Radler 2000 LP & EaD LLC & Radler 2000 LP & EaD LLC & Radler 2000 LP & EaD LLC & Radler 2000 LP & EaD LLC & Chevron USA Inc: 24/355 lnc: 25/1 & 25/105 lnc: 25/1						1	1	1					Development LLC:		E&D LLC & Radier 2000	Resources USA Corp:	E&D LLC & Radler 2000	Enerplus to Chevron USA	Chevron USA Inc:	TriEnergy Inc to Chevron	Exploration II LLC & TH
Exploration & FriEnergy Inc to AB Resources LLC to Chief LLC, Radier 2000 LP & AB Resources LLC to Chief LLC, Radier 2000 LP & AB Resources LLC to Chief Exploration ILL & TH Exp	10*26000	9-2-12	F	CRAWFORD, LIFE ESTATE, ET AL	TRIENERGY INC	1/8+	661	156	N/A	N/A	N/A	Resources LLC: 20/252	666/40	Holdings LLC: 21/148	LP: 21/319	685/643 & 21/520	LP: 24/319	Inc: 25/1 & 25/105	756/397	USA Inc: 28/356	Exploration LLC: 43/95
Exploration & FriEnergy Inc to AB Resources LLC to Chief LLC, Radier 2000 LP & AB Resources LLC to Chief LLC, Radier 2000 LP & AB Resources LLC to Chief Exploration ILL & TH Exp			1							ļ !						Chi-fren II - 2 - "	1	Chi-srepus di Coi-			1
TriEnergy Inc to AB N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A															1		AR Resources II C to Chi-			TriEngray Holdings 17 C P	Chevron USA Inc to TH
10*28001 9-5-9 G FREDDIE C WHITE AND VIOLET L WHITE TRIENERGY INC 1/8+ 655 555 N/A N/A N/A N/A N/A Resources LLC: 19/623 666/40 Holdings LLC: 21/148 685/643 & 21/520 UP: 24/319 Inc: 25/1 & 25/1 05 756/397 USA Inc: 28/356 Exploration LLC: 43/95 TriEnergy Holdings LLC to NPAR LLC to Chevron USA NPAR LLC to Chevron USA Inc to TH Exploration LLC: 43/95 (Chevron USA Inc to TH Exploration II LLC & TH Explorat			1									I	TriEnergy Inc to AB		TriEnergy Inc to TriEnergy						
TriEnergy Holdings LLC to Para LLC to Chevron USA Incremental Control of Chevron USA I	10*26001	9-5-9	G	FREDDIE C WHITE AND VIOLET L WHITE	TRIENERGY INC	1/8+	655	555	N/A	N/A	N/A	N/A									
10*19206 9-5-8 H SCOTT A HOSTUTLER TRIENERGY HOLDINGS LLC 1/8+ 724 208 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A			T			T															Chevron USA Inc to TH
AB Resources & NPAR LLC Chief 6/G to Chief Exploration & LLC, Radier 2000 LP & TriEnergy Holdings LLC & Chevron USA Inc to TH TriEnergy Holdings LLC to Development LLC and Enerplus to Chevron USA NPAR LLC to Chevron USA NPAR LLC to Chevron USA NPAR LLC to Chevron USA NPAR LLC to Chevron USA NPAR LLC to Chevron USA NPAR LLC to Chevron USA NPAR LLC to Chevron USA NPAR LLC to Chevron USA NPAR LLC to The NPAR LLC to Chevron USA NPAR LLC to Chevron USA NPAR LLC to Chevron USA NPAR LLC to The NPAR LLC t			1			Ι.				l I		I	l	l	TriEnergy Holdings LLC to						
to Chief Exploration & LLC, Radier 2000 LP & TriEnergy Holdings LLC & Chevron USA Inc to TH TriEnergy Holdings LLC to Development LLC and Enerplus to Chevron USA NPAR LLC to Chevron USA TriEnergy Holdings LLC to The Exploration LLC & TH Ex	10*19206	9-5-8	Н	SCOTT A HOSTUTLER	TRIENERGY HOLDINGS LLC	1/8+	724	208	N/A	N/A	N/A	N/A	N/A	N/A	NPAR LLC: 25/463	Inc: 26/269	Inc: 756/307	Inc: 800/236	Exploration LLC: 40/127	Exploration LLC: 42/435	Exploration LLC: 43/95
to Chief Exploration & LLC, Radier 2000 LP & TriEnergy Holdings LLC & Chevron USA Inc to TH TriEnergy Holdings LLC to Development LLC and Enerplus to Chevron USA NPAR LLC to Chevron USA TriEnergy Holdings LLC to The Exploration LLC & TH Ex						İ										AB Resources & NPAR II C	Chief E&D LLC. Chief O/G				
TriEnergy Holdings LLC to Development LLC and Enerplus to Chevron USA NPAR LLC to Chevron USA TriEnergy Inc to Chevron U						1	1					1							TriEnergy Holdings LLC 8		Chevron USA Inc to TH
10*19005 9-5-15 I MARK H. FOX AND RETTA J. FOX. AND RETTA J. FOX. HIS WIFE TRIENERGY HOLDINGS LLC 1/8+ 687 598 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A						1	1	i i				1				Development LLC and	Enerplus to Chevron USA		TriEnergy Inc to Chevron	Chevron USA Inc to TH	Exploration II LLC & TH
	10*19005	9-5-15	1	MARK H. FOX AND RETTA J. FOX, HIS WIFE	TRIENERGY HOLDINGS LLC	1/8+	687	598	N/A	N/A	N/A	N/A	N/A	N/A	NPAR LLC: 23/74	Radler 2000 LP: 24/490	Inc: 25/1 & 25/105	Inc; 756/332	USA Inc: 28/356	Exploration LLC: 40/127	Exploration LLC: 43/95

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Lease ID	Parcel	Tag Grantor, Lessor, Etc.	Grantee, Lessee, Etc.	Royalty	/ Deed B	ook/Page	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment
1												AB Resources LLC to Chie	·f	Chief E&D LLC & Radler		Chief E&D LLC, Chief O/G			
1			1								T-15	Exploration &		2000 LP to Enerplus	AB Resources LLC to Chie		AB Resources LLC to	TriEnergy Holdings LLC &	
10*26001	9-5-10	J FREDDIE C WHITE AND VIOLET L WHITE	TRIENERGY INC	1/8+	655	555	N/A	N/A	N/A	N/A	TriEnergy Inc to AB Resources LLC: 19/623	Development LLC: 666/40	TriEnergy Inc to TriEnerg Holdings LLC: 21/148	685/643 & 21/520	LP: 24/319	Enerplus to Chevron USA Inc: 25/1 & 25/105	756/397	TriEnergy Inc to Chevron USA Inc: 28/356	Exploration II LLC & TH Exploration LLC: 43/95
				1				,					l and a second second				100,007	Continue 20,000	Exploration Ecc. 45/55
				1		1									Chief E&D LLC, Chief O/G		T-15		
				1								1	TriEnergy Holdings LLC to	to Chief Exploration &	LLC, Radler 2000 LP & Energlus to Chevron USA	NPAR LLC to Chevron USA	TriEnergy Holdings LLC &	Chevron USA Inc to TH	Chevron USA Inc to TH Exploration II LLC & TH
10*19005	9-5-14.3	K MARK H. FOX AND RETTA J. FOX, HIS WIFE	TRIENERGY HOLDINGS LLC		687	598	N/A	N/A	N/A	N/A	N/A	N/A	NPAR LLC: 23/74	Radler 2000 LP: 24/490	Inc: 25/1 & 25/105	Inc: 756/332	USA Inc: 28/356	Exploration LLC: 40/127	
10*24424	9-5-11	L THE FAYE A SKOIEN REVOCABLE TRUST	TH EXPLORATION LLC	1/8+	1024	291	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*24578	9-5-11		TH EXPLORATION LLC	1/8+	1026	241	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*24973	9-5-11	L IVA K BONAR	TH EXPLORATION LLC	1/8+	1028	577	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ļ.	1			1	1							AB Resources LLC to Chie Exploration &	f	Chief E&D LLC & Radler 2000 LP to Enerplus	AB Resources LLC to Chief	Chief E&D LLC, Chief O/G	AB Resources LLC to	TriEnergy Holdings LLC &	Chausan 1154 In a to Til
1					1						TriEnergy Inc to AB	Development LLC:	TriEnergy Inc to TriEnerg	Resources USA Corp:	E&D LLC & Radier 2000	Enerplus to Chevron USA Inc: 25/1 & 25/105	Chevron USA Inc:	TriEnergy Inc to Chevron	Exploration II LLC & TH
10*26001	9-5-11	L FREDDIE C WHITE AND VIOLET L WHITE	TRIENERGY INC	1/8+	655	555	N/A	N/A	N/A	N/A	Resources LLC: 19/623	666/40	Holdings LLC: 21/148	685/643 & 21/520	LP: 24/319	Inc: 25/1 & 25/105	756/397	USA Inc: 28/356	Exploration LLC: 43/95
İ																			Chevron USA Inc to TH Exploration II LLC & TH
10°26096	9-5-11	L GRACE LAURA BONAR	CHEVRON USA INC	1/8+	865	198	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95
						1													Chevron USA Inc to TH
10*26101	9-5-11	L BARBARA LOIS HADLEY	CHEVRON USA INC	1/8+	868	21	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration II LLC & TH Exploration LLC: 43/95
					1														Chevron USA Inc to TH
10*26102	9-5-11	L AMBER ORTOLL	CHEVRON USA INC	1/8+	871	391	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration II LLC & TH Exploration LLC: 43/95
				2,5:	1 5/2	552			11/1	N/A	1	liya .	14/2	14/	17/2	- N/A	10/6	N/A	Chevron USA Inc to TH
10\$25102		I DOUBLET CLEANING COMAS	CHEVRON USA INC	4/0.	050		N/A		***										Exploration II LLC & TH
10*26103	9-5-11	L ROBERT GLENN BONAR	CHEVRON USA INC	1/8+	868	92	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95 Chevron USA Inc to TH
			1																Exploration II LLC & TH
10*26104	9-5-11	L JAMES MCPHERSON SCHILLING	CHEVRON USA INC	1/8+	868	202	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95
														1					Chevron USA Inc to TH Exploration II LLC & TH
10*26105	9-5-11	L LESTER D FAUST	CHEVRON USA INC	1/8+	870	560	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95
			1				ì												Chevron USA Inc to TH Exploration II LLC & TH
10*26106	9-5-11	L RICHARD CHRIS BOGATKO	CHEVRON USA INC	1/8+	870	557	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95
																			Chevron USA Inc to TH
10*26128	9-5-11	L WILLIAM A BRUNNER JR AND JOYCE A BRUNNER	CHEVRON USA INC	1/8+	888	30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration II LLC & TH Exploration LLC: 43/95
				1		-						190	197	17/2	19/6	11/0	14/2	170	Chevron USA Inc to TH
10*26129	9-5-11	L MARIORIE JARETTA FAUST	CHEVRON USA INC	1/8+	888	10	N/A	N/A	N/A	N/A	h./a	***							Exploration II LLC & TH
10 20129	3-3-11	E MANUALE JARETTA FAUST	CHEVRON OSA INC	1/0+	800	10	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95 Chevron USA Inc to TH
				l .		i i	. 1												Exploration II LLC & TH
10*26167	9-5-11	L FRANK B DAY	CHEVRON USA INC	1/8+	871	583	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95 Chevron USA Inc to TH
																1			Exploration II LLC & TH
10*26201	9-5-11	L IDEN SCOTT MCWHORTER	CHEVRON USA INC	1/8+	888	21	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95
				İ															Chevron USA Inc to TH Exploration II LLC & TH
10*26202	9-5-11	L LOTA JO MITCHELL AND DAVID S MITCHELL	CHEVRON USA INC	1/8+	888	27	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95
																			Chevron USA Inc to TH
10*26306	9-5-11	L DAVID L BONAR	CHEVRON USA INC	1/8+	890	475	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration II LLC & TH Exploration LLC: 43/95
										·			·						Chevron USA Inc to TH
10*26308	9-5-11	L HARRY A SALO AND BETTY A SALO	CHEVRON USA INC	1/8+	894	395	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration II LLC & TH Exploration LLC: 43/95
				-,-	1				.40		1.70	1-4/5	1 .4/2	11/0	.7/		19/5	14/4	Chevron USA Inc to TH
10*26309	9-5-11	L STEVEN ALAN ARMIGER	CHEVRON USA INC	1/8+	891	69	N/A	N/A	M/*	M/4	N/4				ļ ""				Exploration II LLC & TH
10 50303	2-2-11	C STEVEN ALAN ARIVINGER	CHEVRON USA INC	1/8+	991	69	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95 Chevron USA Inc to TH
					Ι.								1						Exploration II LLC & TH
10*26310	9-5-11	L KATHERINE ANN LUONGO FAIRBROTHER	CHEVRON USA INC	1/8+	901	38	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		Exploration LLC: 43/95
																		1	Chevron USA Inc to TH Exploration II LLC & TH
10*26313	9-5-11	L JOSEPH M DURINSKY	CHEVRON USA INC	1/8+	893	244	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95
												1							Chevron USA Inc to TH Exploration II LLC & TH
10*26314	9-5-11	L ROBIN KACHELE	CHEVRON USA INC	1/8+	893	180	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95
													1						Chevron USA Inc to TH
10°26337	9-5-11	L KATHLEEN ELAINE ALEXANDRA SHIREY	CHEVRON USA INC	1/8+	901	134	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration II LLC & TH Exploration LLC: 43/95
												.,	1	1,,,,	14		,		Chevron USA Inc to TH
10*26345	9-5-11	L SHARON LOUISE EVANS	CHEVRON USA INC	1/8+	915	597	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration II LLC & TH
		L JASON R FREID	TH EXPLORATION LLC				N/A	N/A	N/A	N/A	N/A	N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	Exploration LLC: 43/95 N/A
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Property 1.5 1. Property 1. Proper	Lease ID	Parcei	Iak	Grantor, Lessor, Etc.	Grantee, Lessee, Etc.	Royalty	Deed Bo	JOK/ Fage	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Adaignment	Assignment	Chevron USA Inc to TH
Control Cont							ì											1			Exploration II LLC & TH
	10*27483	9-5-11	L	SARI FAUST	CHEVRON USA INC	1/8+	876	490	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95
																					Chevron USA Inc to TH
Part			1.1								***	l				N/4	11/4	N/A	81/4	N/A	
Part Part	10*27496	9-5-11	L	RICHARD SCOTT WILLIAMSON	CHEVRON USA INC	1/8+	888	24	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
March 1																					Exploration II LLC & TH
Part Part	10*27501	9-5-11	L .	ELEANOR MARGO MORRIS	CHEVRON USA INC	1/8+	882	472	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95
Section Column																					Chevron USA Inc to TH
Part	1 1					1		1													Exploration II LLC & TH
Part Part	10*27502	9-5-11	L	REVOCABLE TRUST AGREEMENT DTD 5/23/2006	CHEVRON USA INC	1/8+	921	610	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95
Part 1			1 1	WITERWATIONAL WOLFFICAND AND CRACE	1	1												1			
March Marc	10*27504	0.5.11			CHEVRON LISA INC	1/84	907	41	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	10 17304	3.3.11	+	inoscom inc	CHETHON CONTING	1 2/0	1 -50.	72		147.	.,,,,				1	 		1	.,,		Chevron USA Inc to TH
Part Part			1 1			1		1							ŀ						Exploration II LLC & TH
Section Sect	10*27506	9-5-11	L	FREDERICK ALLEN FAUST	CHEVRON USA INC	1/8+	888	15	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95
Part Part			1 1	[Į.					İ		1	i						
	10*27500	0 5 11			CHEADON LIST INC	1/0+	012	١, ١	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
								380													
State Stat	10*27915	9-5-11	L I	WVSTO UNCLAIMED PROPERTY					N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A		N/A	N/A
Section Sect	10*27953	9-5-11	L	TROY D BONAR AND KATHLEEN BONAR	TH EXPLORATION LLC	1/8+	1064	600	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A
Part			1															chi-seep u = ci · cc ·			
Decomposition Composition																				TriEnormy Holdings II C &	Chauran USA Ing to TH
\$\frac{1}{2}\frac{1}				GEORGIA IORDAN LIEF ESTATE AND SHELLY ANN			Į.									TriEnergy Holdings LLC to			NPAR II C to Chevron US	TriEnergy Inc to Chevron	Exploration II I C & TH
	10*26002	9-5-13			TRIENERGY HOLDINGS LLC	1/8+	687	616	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NPAR LLC: 23/74				USA Inc: 28/356	Exploration LLC: 43/95
Direction Se									N/A	N/A	N/A	N/A	N/A	N/A	N/A					N/A	
Direction Se																					
297-2006 \$-9-11 \$ \$ \$ \$ \$ \$ \$ \$ \$																					
	10*24973	9-5-11.2	N I	IVA K BONAR	TH EXPLORATION LLC	1/8+	1028	577	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
197-2003 9-13-1 R DECEMBRISHED PROPERTY OF STREET VALUE PROPERT														1	1						Exploration II LLC & TH
Common Common	10*26096	9-5-11.2	l N	GRACE LAURA BONAR	CHEVRON USA INC	1/8+	865	198	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95
							1														Chevron USA Inc to TH
Display Policy						1		1 1											_		Exploration II LLC & TH
10 20 20 20 20 20 20 20	10*26101	9-5-11.2	N	BARBARA LOIS HADLEY	CHEVRON USA INC	1/8+	868	21	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1972-1973 9-5-13 N. AMBRIO MICH. 1972-1975 1972-1975			1 1				İ													1	
Commonweight Comm	10*26102	9-5-11 2	l N	AMBER ORTOLL	CHEVRON USA INC	1/8+	871	391	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95
107-921036 95-13 N						1			.,												Chevron USA Inc to TH
OP-SECIAL No. AMESIACHMESON SCIRLING CHINGHON USA NIC. 1/24 588 20 N/A						1		1 1													Exploration II LLC & TH
107-98004 95-11.2 N 104ES MOPHESON SCHILLING CHYPRON LIAR INC. 1/8- 858 202 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	10*26103	9-5-11.2	N	ROBERT GLENN BONAR	CHEVRON USA INC	1/8+	868	92	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95
107-26205 9-5-11-2 N MART MOPPHISON SCHILLING ONEWDOLUSAINC 1/6 868 202 N/A																					
Common Mark Common Mark	10*26104	0.5.11.2	N I	IAMES MCPHERSON SCHILLING	CHEVRON USA INC	1/8+	868	202	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
107-10305 9-5112 N	10 10101	-33		7,1112			1				.4	.,				1					Chevron USA Inc to TH
Direction Se	1		1]															Exploration II LLC & TH
107/25106 9-5-11.2 N RICHARD CHES SOGRATICO CHEVRON USA INC 1/8+ 870 557 N/A N	10*26105	9-5-11.2	N	LESTER D FAUST	CHEVRON USA INC	1/8+	870	560	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95
10°25105 9-5-112 N BICHARD CHRIS BOGATIXO CHEVRON USA INC 1/8+ 889 30 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	1						İ									1				1	
10°26128 9-5-112 N WILLIAM A BRUNNER JR AND JOYCE A BRUNNER OHEVRON USA INC 1/8 888 30 N/A	10*26106	0.5.11.2	,	PICHARD CHRIS BOGATKO	CHEVRON USA INC	1/84	870	557	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
10°26128 9-5-11.2 N WILLIAM A BRUNNER IR AND JOYCE A BRUNNER (AND JOYCE A BRUNNER C AND JOYCE A BRUNNER C AND JOYCE A BRUNNER IR AND JOYCE A BRUNNER C AND JOYCE A BRUNNER C AND JOYCE A BRUNNER C AND JOYCE A BRUNNER C AND JOYCE A BRUNNER C AND JOYCE A BRUNNER C AND JOYCE A BRUNNER C AND JOYCE A BRUNNER C AND JOYCE A BRUNNER IR AND JOYCE A BRUNNER C AND JOYCE AND JOYCE A BRUNNER C AND JOYCE AN	20 20100	3 3 44.2	"			-/	1 3,3		.47	.,,,	.,,n		,,,,	.,,,,	.,,,,	1	1	.40	.,,,,	.,,,,	Chevron USA Inc to TH
10°26129 9-5-11.2 N MARJORIE JABETTA FAUST OHEVRON USA INC 1/8+ 888 10 N/A N	1					I	1									1	i				Exploration II LLC & TH
D0*26129 9-5-11.2 N MARUORIE JARETTA FAUST CHEVRON USA INC 1/6+ 888 10 N/A N	10*26128	9-5-11.2	N	WILLIAM A BRUNNER JR AND JOYCE A BRUNNER	CHEVRON USA INC	1/8+	888	30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95
10°25129 9-5-11.2 N MARIORIE JARETTA FAUST CHEVRON USA INC 1/8+ 888 10 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A						1										1					Chevron USA Inc to TH
Chevron USA Inct Chevron USA	10*25120	45.1.7	, I	MARIORIE IARETTA FALIST	CHEVRON LISA INC	1/0+	900	,,	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
10°26167 9-5-11.2 N FRANK B DAY CHEVRON USA INC 1/8+ 871 583 N/A	10.50153	F-5-11.2	N	INVIDUALE VALET IN LANCE	CHEADOM ON IMC	1/07	1 200		11//	17/0	MA	17/0	14/0	17/0	177	1 .7/2	† · · · · · · · · · · · · · · · · · · ·	17/5	.4/^	****	Chevron USA Inc to TH
10*26201 9-5-11.2 N IDEN SCOTT MCWHORTER CHEVRON USA INC 1/8+ 888 21 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A] !					1	1									1	1				Exploration II LLC & TH
10°26201 9-5-11.2 N	10*26167	9-5-11.2	N	FRANK B DAY	CHEVRON USA INC	1/8+	871	583	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95
10*26201 9-5-11.2 N			1 T			1										1	İ				Chevron USA Inc to TH
10*26202 9-5-11.2 N LOTA JO MITCHELL AND DAVID S MITCHELL CHEVRON USA INC 1/8+ 888 27 N/A N/	4045555		1	IDEAL SCOTT MCM/UODTES	CHEADON FIRST THE	1.00	F00	,,	N/A	N/A	N/A	N/A	N/A	N/A	N./A	A1/A	N/A	N/A	NI/A	AI /A	
10°26202 9-5-11.2 N LOTA JO MITCHELL AND DAVID S MITCHELL CHEVRON USA INC 1/8+ 888 27 N/A	10-26201	y-5-11.2	I N	IDEN SCOTT MCWHOKTER	CHEVRON USA INC	1/8+	888	<u> </u>	IN/A	IN/A	N/A	IN/A	N/A	IN/A	I N/A	N/A	IN/A	IV/A	N/A	IN/A	Chevron USA Inc to TH
10°26202 9-5-11.2 N LOTA JO MITCHELL AND DAVID S MITCHELL CHEVRON USA INC 1/8+ 888 27 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	1								İ							1	1				Exploration II LLC & TH
10*26306 9-5-11.2 N DAVID L BONAR CHEVRON USA INC 1/8+ 890 475 N/A	10*26202	9-5-11.2	N	LOTA JO MITCHELL AND DAVID S MITCHELL	CHEVRON USA INC	1/8+	888	27	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		Exploration LLC: 43/95
10*26306 9-5-11.2 N DAVID L BONAR CHEVRON USA INC 1/8+ 890 475 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A																					Chevron USA Inc to TH
Chevron USA Inc to Exploration II LLC I 10°26308 9-5-11.2 N HARRY A SALO AND BETTY A SALO CHEVRON USA INC 1/8+ 894 395 N/A N/A N/A N/A N/A N/A N/A N/A	1 1		1 . 1				1														Exploration II LLC & TH
10*26308 9-5-11.2 N HARRY A SALO AND BETTY A SALO CHEVRON USA INC 1/8+ 894 395 N/A	10*26306	9-5-11.2	N	DAVID L BONAR	CHEVRON USA INC	1/8+	890	475	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
10*26308 9-5-11.2 N HARRY A SALO AND BETTY A SALO CHEVRON USA INC 1/8+ 894 395 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A					1												1				Exploration II LLC & TH
Chevron USA Inc to Exploration II LLC &	10*26308	9-5-11.2	N	HARRY A SALO AND BETTY A SALO	CHEVRON USA INC	1/8+	894	395	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95
			"			1					,	·				1	1			1	Chevron USA Inc to TH
10*26309 9-5-11.2 N STEVEN ALAN ARMIGER CHEVRON USA INC 1/8+ 891 69 N/A					ļ	1														1	Exploration II LLC & TH
	10*26309	9-5-11.2	N	STEVEN ALAN ARMIGER	JCHEVRON USA INC	1/8+	891	69	N/A	N/A	N/A	N/A	N/A	N/A	I N/A	N/A	J N/A	N/A	N/A	N/A	Exploration LLC: 43/95

Control Cont	1		- In	In	T - 4.	T - 1-				T					1			T		
Column C	Lease ID	Parcel	Tag Grantor, Lessor, Etc.	Grantee, Lessee, Etc.	Royalty	/ Deed B	ook/Page	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment
Part Part						1														
## 1	10*26310	9.5.11 7	N KATHERINE ANN LLIONGO FAIRBROTHER	CHEVRON LISA INC	1/84	901	30	N/A	N/A	N/A	N/A	N/A	N/A	NI/A	N/A	N/A	N/A	N/A	11/4	
Part Part	10 10310	3311.2	IN INCHINE ANY EGGIGGITAMONOMICK	CIL VIION OSA INC	1/01	1-201	1 30		11/6	11//	19/5	19/2	14/5	11//	IN/A	N/A	I N/A	N/A	IN/A	
1998 1998																	1		1	
Property Property	10*26313	9-5-11.2	N JOSEPH M DURINSKY	CHEVRON USA INC	1/8+	893	244	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Property Property			11 2001111110011110111		1 2/0.	1 035	1 277	.,,,,	1477	17/		14/6	19/0	19/2	10/0	11/7	19/0	11/2	17/2	
															1					
Property Property	10*26314	9-5-11.2	N ROBIN KACHELE	CHEVRON USA INC	1/8+	893	180	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Part Part					1	1			<u> </u>			.,,	1		1	1			.,,,,	
		ľ					1 1													
Part Part	10*26337	9-5-11.2	N KATHLEEN ELAINE ALEXANDRA SHIREY	CHEVRON USA INC	1/8+	901	134	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95
Part Part														· · · · · · · · · · · · · · · · · · ·	,					
	1																		i	
Company Comp				CHEVRON USA INC						N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
State Stat	10*26806	9-5-11.2	N JASON R FREID	TH EXPLORATION LLC	1/8+	1045	457	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1971 1972 1973 1974		1			1															Chevron USA Inc to TH
Part		l							1											
	10*27483	9-5-11.2	N SARI FAUST	CHEVRON USA INC	1/8+	876	490	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95
Part Part		ŀ				1	1 1		i									1		
Part Part			1		1 .	1						1						l		
	10*27496	9-5-11.2	N RICHARD SCOTT WILLIAMSON	CHEVRON USA INC	1/8+	888	24	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
												ŀ								
March Marc																				
## 1997 \$2.50 \$1.0	10*27501	9-5-11.2	N ELEANOR MARGO MORRIS	CHEVRON USA INC	1/8+	882	472	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
			DADDADA I DVDNE TOUSTES OF THE 1000			1								1				1		
Part	10*37503	0 5 4		CHEVBON LICE INC	1.00			N/A	,,,	.,,	N/*	,,,,	ļ ",,		,			l		
Professor Prof	10.5/202	2-2-11-2	IN INEVOCABLE INUST AGREEMENT DID 5/23/2008	CHEVRON USA INC	1/8+	921	PTO	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
1977 1941 19 1985		1	INTERNATIONAL WOMENS AID AND SDACE										ì							
Part Part	10*27504	05112		CHEADON TIEV INC	1/0.	007	1 41	N/A	N/A	N/A	N/A	A1/A	N/4	11/4						
1577 1578	10-27504	9-5-11.2	N MOSEOMINC	CHEVRON USA INC	1/8+	907	41	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
		1																		
Part	10*27506	0.5.11.2	N EDEDEDICK ALLEM FALIST	CHEVRON LISA INC	1/0.		1,5	N1/A	N/A	N/A	N/A	N/A	N/A	N/A	11/4	***	****	l		
\$5.50 \$5.5	10 27300	5-3-11.2	N PREDERICK ALLEIN FAGSI	CTEVNON OUNTING	1/0+	000	13	11/4	IN/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
STYPING S-13.2 R			SANDRA MARIA RAPRA CVNTHIA CLAIR HOLSTEIN			ł	1													
	10*27500	05117		CHEVRON LISA INC	1/0+	012		NI/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	41/4			1	
1877 250 5-51-12 10 1879 1000 10000 1000 131 136 1							300													
1975 1975																				
19-10-10-10-10-10-10-10-10-10-10-10-10-10-				IN EXPLORATION LLC		1004														
Control procession Control				TH EVOLOPATION H.C.	1/0.	960	216	AL/A				31/4	11/4							
Development LC and Development	10*47051 188 0								N/A	N/A	N/A			N/A	N/A	N/A	N/A	N/A	N/A	N/A
Section Part	10*47051.188.0								N/A	N/A	N/A			N/A N/A	N/A	N/A	N/A N/A	N/A	N/A	N/A
EPT-5500 P. P.	10*47051.188.0								N/A	N/A	N/A			N/A N/A Chief Exploration &	N/A N/A	N/A N/A	N/A N/A Chief E&D LLC, Radler	N/A	N/A	N/A
1971-1973 7-7 P. DEPARTMENT 1971	10*47051.188.0								N/A	N/A	N/A			N/A N/A Chief Exploration & Development LLC and	N/A N/A Enerplus Resources USA	N/A N/A Chief E&D LLC, Radler	N/A N/A Chief E&D LLC, Radier 2000 LP, Chief O/G LLC,	N/A N/A	N/A N/A	N/A N/A
A A A A A A A A A A	10*47051.188.0			TH EXPLORATION LLC					N/A	N/A	N/A			N/A N/A N/A Chief Exploration & Development LLC and Radier 2000 LP to	N/A N/A Enerplus Resources USA Corp to Chief Exploration	N/A N/A Chief E&D LLC, Radler 2000 LP, Enerplus	N/A N/A N/A Chief E&D LLC, Radier 2000 LP, Chief O/G LLC, Enerplus Resources USA	N/A N/A AB Resources LLC to	N/A N/A	N/A N/A Chevron USA Inc to TH
ABREQUESTIC SPECIAL PROPERTY ABREQUESTIC SPECIAL PROPERTY		9-5-12	O LARRY J WHETZEL JR	TH EXPLORATION LLC CHIEF EXPLORATION &	1/8+	869	216	N/A	N/A N/A	N/A N/A	N/A N/A	N/A	N/A	N/A N/A N/A Chief Exploration & Development LLC and Radler 2000 LP to Enerplus Resources USA	N/A N/A Enerplus Resources USA Corp to Chief Exploration & Development LLC and	N/A N/A N/A Chief E&D LLC, Radler 2000 LP, Enerplus Resources USA Corp & Al	N/A N/A N/A Chief E&D LLC, Radler 2000 LP, Chief O/G LLC, Enerplus Resources USA Corp to Chevron USA Inc:	N/A N/A N/A AB Resources LLC to Chevron USA Inc:	N/A N/A Chevron USA Inc to TH Exploration LLC: 36/148	N/A N/A Chevron USA Inc to TH Exploration II LLC & TH
AB RESOURCE LLC AND LEGAL HINDERSON AND DEBMA HINDERSON AND DEBM		9-5-12	O LARRY J WHETZEL JR	TH EXPLORATION LLC CHIEF EXPLORATION &	1/8+	869	216	N/A	N/A N/A	N/A N/A	N/A N/A	N/A	N/A	N/A N/A N/A Chief Exploration & Development LLC and Radler 2000 LP to Enerplus Resources USA	N/A N/A Enerplus Resources USA Corp to Chief Exploration & Development LLC and	N/A N/A N/A Chief E&D LLC, Radler 2000 LP, Enerplus Resources USA Corp & Al	N/A N/A N/A Chief E&D LLC, Radler 2000 LP, Chief O/G LLC, Enerplus Resources USA Corp to Chevron USA Inc:	N/A N/A N/A AB Resources LLC to Chevron USA Inc:	N/A N/A Chevron USA Inc to TH Exploration LLC: 36/148	N/A N/A Chevron USA Inc to TH Exploration II LLC & TH
A Personal Part Par		9-5-12	O LARRY J WHETZEL JR	TH EXPLORATION LLC CHIEF EXPLORATION &	1/8+	869	216	N/A	N/A N/A	N/A N/A	N/A N/A	N/A	N/A	N/A N/A N/A Chief Exploration & Development LLC and Radler 2000 LP to Enerplus Resources USA	N/A N/A Enerplus Resources USA Corp to Chief Exploration & Development LLC and	N/A N/A N/A Chief E&D LLC, Radler 2000 LP, Enerplus Resources USA Corp & Al Resources LLC: 24/495	N/A N/A N/A Chief E&D LLC, Radier 2000 LP, Chief O/G LLC, Enerplus Resources USA Corp to Chevron USA Inc: 25/1 & 25/105	N/A N/A N/A AB Resources LLC to Chevron USA Inc:	N/A N/A Chevron USA Inc to TH Exploration LLC: 36/148	N/A N/A Chevron USA Inc to TH Exploration II LLC & TH
BORENT INFORMESSON AND DEEM INFORMESSON BORENT INFORMESSON AND WILL AND DEVELOPMENT AND DEVELOPMENT AND DEVELOPMENT AND DEVELOPMENT AND AND AND AND AND AND AND AND AND AND		9-5-12	O LARRY J WHETZEL JR	TH EXPLORATION LLC CHIEF EXPLORATION &	1/8+	869	216	N/A	N/A N/A	N/A N/A	N/A N/A	N/A	N/A	N/A N/A N/A Chief Exploration & Development LLC and Radler 2000 LP to Enerplus Resources USA	N/A N/A N/A Enerplus Resources USA Corp to Chief Exploration & Development LLC and Radier 2000 LP: 22/101	N/A N/A N/A Chief E&D LLC, Radler 2000 LP, Enerplus Resources USA Corp & Al Resources LLC: 24/495 Chief E&D LLC, Chief O/G	N/A N/A N/A Chief E&D LLC, Radier 2000 LP, Chief O/G LLC, Enerplus Resources USA Corp to Chevron USA Inc: 25/1 & 25/105	N/A N/A N/A AB Resources LLC to Chevron USA Inc:	N/A N/A Chevron USA Inc to TH Exploration LLC: 36/148	N/A N/A Chevron USA Inc to TH Exploration II LLC & TH
107-2023 9-7-8 CQ MUSBAND & WITE AND RADULE Y PERDISCRICK 1/8 697 215 N/A		9-5-12	O LARRY J WHETZEL JR	TH EXPLORATION LLC CHIEF EXPLORATION &	1/8+	869	216	N/A	N/A N/A	N/A N/A	N/A N/A	N/A	N/A	N/A N/A N/A Chief Exploration & Development LLC and Radler 2000 LP to Enerplus Resources USA	N/A N/A N/A Enerplus Resources USA Corp to Chief Exploration & Development LLC and Radler 2000 LP: 22/101 AB Recources LLC & NPAR	N/A N/A N/A Chief E&D LLC, Radler 2000 LP, Enerplus Resources USA Corp & Al Resources LLC: 24/495 Chief E&D LLC, Chief O/G LLC, Radler 2000 LP &	N/A N/A N/A Chief E&D LLC, Radier 2000 LP, Chief O/G LLC, Enerplus Resources USA Corp to Chevron USA Inc: 25/1 & 25/105	N/A N/A N/A AB Resources LLC to Chevron USA Inc:	N/A N/A Chevron USA Inc to TH Exploration LLC: 36/148 & 40/127	N/A N/A N/A Chevron USA Inc to TH Exploration ILLC & TH Exploration LLC: 43/95
109-7951-900 9-9-12 S SHIRLET KORNTZ RENLINE THE EPOLORATION LLC 1/8+ 869 1450 N/A		9-5-12	O LARRY J WHETZEL JR P ROBERT HUBBS	TH EXPLORATION LLC CHIEF EXPLORATION &	1/8+	869	216	N/A	N/A N/A	N/A N/A	N/A N/A	N/A	N/A	N/A N/A N/A Chief Exploration & Development LLC and Radler 2000 LP to Enerplus Resources USA	N/A N/A N/A Enerplus Resources USA Corp to Chief Exploration & Development LLC and Radler 2000 LP: 22/101 AB Recources LLC & NPAR LLC to Chief Exploration &	N/A N/A N/A N/A N/A Chief E&D LLC, Radler 2000 LP, Enerplus Resources USA Corp & Al Resources LLC: 24/495 Chief E&D LLC, Chief O/G LLC, Radler 2000 LP & Enerplus Resources USA	N/A N/A N/A Chief E&D LLC, Radier 2000 IP, Chief O/G LLC, Enerplus Resources USA Corp to Chewron USA Inc: 25/1 & 25/105	N/A N/A N/A AB Resources LLC to Chevron USA Inc: 756/397	N/A N/A N/A Chevron USA Inc to TH Exploration LLC: 36/148 & 40/127 AB Resources LLC to	N/A N/A N/A Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95 Chevron USA Inc to TH
10*7705;2800 9-9-12 5 SHRLEY KOONTZ POR KELLI KOONTZ POR	10*15503	9-5-12	O LARRY J WHETZEL JR P ROBERT HUBBS ROBERT HENDERSON AND DEBRA HENDERSON,	TH EXPLORATION LLC CHIEF EXPLORATION & DEVELOPMENT	1/8+	677	521	N/A N/A	N/A N/A N/A	N/A N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A N/A Chief Exploration & Development LLC and Radler 2000 IP to Enerplus Resource USA Corp: 685/636	N/A N/A N/A Enerplus Resources USA Corp to Chief Exploration & Development LLC and Radler 2000 LP: 22/101 AB Recources LLC & NPAR LLC to Chief Exploration & Development LLC ak	N/A N/A N/A N/A N/A N/A N/A Chief E&D LLC, Radler 2000 LP, Enerplus Resources USA Corp & Al Resources LLC: 24/495 Chief E&D LLC, Chief O/G LLC, Radler 2000 LP & Enerplus Resources USA Corp to Chewron USA Inc:	N/A N/A N/A Chief E&D LLC, Radier 2000 LP, Chief O/G LLC, Enerplus Resources USA 3 Corp to Chevron USA Inc: 25/1 & 25/105	N/A N/A N/A AB Resources LLC to Chevron USA Inc: 756/397 NPAR LLC to Chevron US.	N/A N/A N/A Chevron USA Inc to TH Exploration LLC: 36/148 & 40/127 AB Resources LLC to A Chevron USA Inc:	N/A N/A N/A Chevron USA Inc to TH Exploration II LLC. & TH Exploration LLC: 43/95 Chevron USA Inc to TH Exploration II LLC & TH
10°28169 9+3:31 V ARRY LONKEL AND DOWNA D CONNEE TH ESPROARMOULD 1/8+ 1068 299 N/A	10*15503	9-5-12 9-7-7 9-7-8	O LARRY J WHETZEL JR P ROBERT HUBBS ROBERT HENDERSON AND DEBRA HENDERSON, Q HUSBAND & WIFE, AND BRADLEY HENDERSON	TH EXPLORATION LLC CHIEF EXPLORATION & DEVELOPMENT AB RESOURCES LLC	1/8+	677	521 215	N/A N/A	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A	N/A N/A	N/A N/A Chief Exploration & Development LLC and Radier 2000 IP to Enerplus Resources USA Corp: 685/636	N/A N/A N/A N/A N/A Enerplus Resources USA Corp to Chief Exploration & Development LLC and Radler 2000 LP: 22/101 AB Recources LLC & NPAR LLC to Chief Exploration & Development LLC & Radler 2000 LP: 24/490	N/A N/A N/A Chief £&D LLC, Radier 2000 LP, Enerplus Resources USA Corp & Al Resources LLC: 24/495 Chief £&D LLC, Chief O/G LLC, Radier 2000 LP & Enerplus Resources USA Corp to Chevron USA Inc: 25/1 & 25/105	N/A N/A N/A Chief E&D LLC, Redler 2000 LP, Chief O/G LLC, Enerplus Resources USA Corp to Chevron USA Inc: 25/1 & 25/105 AB Resources LLC to NPAR LLC: 25/484	N/A N/A N/A AB Resources LLC to Chevron USA Inc: 736/337 NPAR LLC to Chevron US. Inc: 736/332	N/A N/A N/A N/A Chevron USA Inc to TH Exploration LLC: 36/148 & 40/127 AB Resources LLC to A Chevron USA Inc: 756/397	N/A N/A N/A Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95 Chevron USA Inc to TH Exploration II LLC & TH Exploration II LLC & TH Exploration II LLC & TH
10°28169 9+3:31 V ARRY LONKE AND DONNA D CONNEE THE PROGRATION LLC 1/8+ 10.68 299 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	10*15503 10*26003 10*47051.094.0	9-5-12 9-7-7 9-7-8	O LARRY J WHETZEL JR P ROBERT HUBBS ROBERT HENDERSON AND DEBRA HENDERSON, Q HUSBAND & WIFE, AND BRADLEY HENDERSON	TH EXPLORATION LLC CHIEF EXPLORATION & DEVELOPMENT AB RESOURCES LLC	1/8+	677	521 215	N/A N/A	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A	N/A N/A	N/A N/A Chief Exploration & Development LLC and Radier 2000 IP to Enerplus Resources USA Corp: 685/636	N/A N/A N/A N/A N/A Enerplus Resources USA Corp to Chief Exploration & Development LLC and Radler 2000 LP: 22/101 AB Recources LLC & NPAR LLC to Chief Exploration & Development LLC & Radler 2000 LP: 24/490	N/A N/A N/A Chief £&D LLC, Radier 2000 LP, Enerplus Resources USA Corp & Al Resources LLC: 24/495 Chief £&D LLC, Chief O/G LLC, Radier 2000 LP & Enerplus Resources USA Corp to Chevron USA Inc: 25/1 & 25/105	N/A N/A N/A Chief E&D LLC, Redler 2000 LP, Chief O/G LLC, Enerplus Resources USA Corp to Chevron USA Inc: 25/1 & 25/105 AB Resources LLC to NPAR LLC: 25/484	N/A N/A N/A AB Resources LLC to Chevron USA Inc: 736/337 NPAR LLC to Chevron US. Inc: 736/332	N/A N/A N/A N/A Chevron USA Inc to TH Exploration LLC: 36/148 & 40/127 AB Resources LLC to A Chevron USA Inc: 756/397	N/A N/A N/A Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95 Chevron USA Inc to TH Exploration II LLC & TH Exploration II LLC & TH Exploration II LLC & TH
10°28189 9-9-13 U LARY L CONCE AND DONNA D CONNEE THE EPECANTON LLC 1/8+ 1068 299 N/A N/	10*15503 10*26003 10*47051.094.0	9-5-12 9-7-7 9-7-8 9-7-11	O LARRY J WHETZEL JR P ROBERT HUBBS ROBERT HENDERSON AND DEBRA HENDERSON, Q HUSBAND & WIFE, AND BRADLEY HENDERSON R MARK H FOX	TH EXPLORATION LLC CHIEF EXPLORATION & DEVELOPMENT AB RESOURCES LLC TH EXPLORATION LLC	1/8+	697 864	216 521 215 163	N/A N/A N/A N/A	N/A N/A N/A	N/A N/A N/A N/A	N/A N/A N/A N/A	N/A N/A N/A N/A	N/A N/A N/A N/A	N/A N/A Chief Exploration & Development LLC and Radler 2000 IP to Enerplus Resources USA Corp: 685/636 N/A N/A	N/A N/A N/A N/A N/A Enerplus Resources USA Corp to Chief Exploration & Development LLC and Radler 2000 LP: 22/101 AB Recources LLC & NPAR LLC to Chief Exploration & Development LLC & Radler 2000 LP: 24/490 N/A	N/A N/A N/A N/A N/A Chief E&D LLC, Radler 2000 LP, Enerplus Resources USA Corp & AI Resources LLC: 24/495 Chief E&D LLC, Chief O/G LLC, Radler 2000 LP & Enerplus Resources USA Corp to Chevron USA Inc: 25/1 & 25/105 N/A	N/A N/A N/A N/A Chief E&D LiC, Radier 2000 LP, Chief O/G LLC, Enerpius Resources USA 3 Corp to Chevron USA Inc: 25/1 & 25/105 AB Resources LLC to NPAR LLC: 25/484 N/A	N/A N/A N/A N/A AB Resources LLC to Chevron USA Inc: 756/397 NPAR LLC to Chevron US. Inc: 756/332 N/A	N/A N/A N/A N/A Chevron USA Inc to TH Exploration LLC: 36/148 & 40/127 AB Resources LLC to A Chevron USA Inc: 756/397 N/A	N/A N/A N/A N/A Chevron USA Inc to TH Exploration ILLC: 8 TH Exploration LC: 43/95 Chevron USA Inc to TH Exploration ILLC: 43/95 N/A
10°15524 9-13.3 V MICHAEL HUGHES & TERESA AHUGHES TERESA AHUGHES	10*15503 10*26003 10*47051.094.0 10*47051.208.0 10*28169	9-7-7 9-7-8 9-7-11 9-8-12 9-8-13.1	O LARRY J WHETZEL JR P ROBERT HUBBS ROBERT HENDERSON AND DEBRA HENDERSON, Q HUSBAND & WHEF, AND BRADLEY HENDERSON R MARK H FOX S SHIRLEY KOONTZ POA KELLI KOONTZ BENLINE T LARRY L CONKLE AND DONNA D CONKLE	TH EXPLORATION LLC CHIEF EXPLORATION & DEVELOPMENT AB RESOURCES LLC TH EXPLORATION LLC TH EXPLORATION LLC	1/8+ 1/8+ 1/8+ 1/8+	697 864 869	216 521 215 163	N/A N/A N/A N/A	N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A	N/A N/A N/A N/A	N/A N/A N/A N/A N/A	N/A N/A Chief Exploration & Development LLC and Radler 2000 IP to Enerplus Resources USA Corp: 685/636 N/A N/A N/A	N/A N/A N/A N/A N/A Enerplus Resources USA Corp to Chief Exploration & Development LLC and Radler 2000 LP: 22/101 AB Recources LLC & NPAR LLC to Chief Exploration & Development LLC & Radler 2000 LP: 24/490 N/A N/A	N/A N/A N/A Chief £&D LLC, Radler 2000 UP, Enerplus Resources USA Corp & Al Resources LLC: 24/495 Chief £&D LLC, Chief O/S LLC, Radler 2000 LP & Enerplus Resources USA Corp to Chevron USA Inc: 25/1 & 25/105 N/A N/A	N/A N/A N/A Chief E&D LLC, Radier 2000 LP, Chief O/G LLC, Enerplus Resources USA Corp to Chewron USA Inc: 25/1 & 25/105 AB Resources LLC to NPAR LLC: 25/484 N/A N/A	N/A N/A N/A AB Resources LLC to Chevron USA Inc: 756/397 NPAR LLC to Chevron US. Inc: 756/332 N/A N/A	N/A N/A N/A N/A Chevron USA Inc to TH Exploration LLC: 36/148 & 40/127 AB Resources LLC to A Chevron USA Inc: 756/397 N/A N/A	N/A N/A N/A Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95 Chevron USA Inc to TH Exploration II LLC & TH Exploration II LLC & 3/95 N/A N/A
10*28169 9-9-13.3 W LARRY LOWKLE AND DONNAD CONKLE TH EXPLORATION LLC 1/8+ 1068 299 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	10*15503 10*26003 10*47051.094.0 10*47051.208.0 10*28169	9-7-7 9-7-8 9-7-11 9-8-12 9-8-13.1	O LARRY J WHETZEL JR P ROBERT HUBBS ROBERT HENDERSON AND DEBRA HENDERSON, Q HUSBAND & WHEF, AND BRADLEY HENDERSON R MARK H FOX S SHIRLEY KOONTZ POA KELLI KOONTZ BENLINE T LARRY L CONKLE AND DONNA D CONKLE	TH EXPLORATION LLC CHIEF EXPLORATION & DEVELOPMENT AB RESOURCES LLC TH EXPLORATION LLC TH EXPLORATION LLC TH EXPLORATION LLC	1/8+ 1/8+ 1/8+ 1/8+ 1/8+	677 697 864 869 1068	216 521 215 163 222 299	N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A Chief Exploration & Development LLC and Radler 2000 LP to Enerplus Resources USA Corp: 685/636 N/A N/A N/A N/A N/A	N/A N/A N/A Enerplus Resources USA Corp to Chief Exploration & Development LLC and Radler 2000 LP: 22/101 AB Recources LLC & NPAR LLC to Chief Exploration & Development LLC & Radler 2000 LP: 24/490 N/A N/A N/A	N/A N/A N/A N/A Chief & LLC, Radier 2000 LP, Enerplus Resources U.SA Corp & Al Resources U.SA Corp & Al Resources U.SA Corp & Al Resources U.SA Corp & Al Resources U.SA Corp to Chevron U.SA Inc: 25/1 & 25/105 N/A N/A N/A	N/A N/A N/A Chief E&D LC, Radier 2000 LP, Chief O/G LLC, Enerplus Resources USA Corp to Chevron USA Inc: 25/1 & 25/105 AB Resources LLC to NPAR LLC: 25/484 N/A N/A N/A	N/A N/A N/A N/A AB Resources LLC to Chevron USA Inc: 756/397 NPAR LLC to Chevron US. Inc: 756/332 N/A N/A N/A	N/A N/A N/A Chevron USA Inc to TH Exploration LLC: 36/148 & 40/127 AB Resources LLC to A Chevron USA Inc: 756/397 N/A N/A N/A	N/A N/A N/A N/A N/A Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95 Chevron USA Inc to TH Exploration II LLC & TH Exploration II LLC & TH Exploration II LLC: 43/95 N/A N/A N/A
10°15524 9-7-29.1 X CARCL J ANDERSON ETAL GHEVRON USA INC 1/8+ 901 563 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	10*15503 10*26003 10*47051.094.0 10*28169 10*28169	9-7-7 9-7-8 9-7-11 9-8-12 9-8-13.1 9-8-13	O LARRY J WHETZEL JR P ROBERT HUBBS ROBERT HENDERSON AND DEBRA HENDERSON, Q HUSBAND & WIFE, AND BRADLEY HENDERSON R MARK H FOX S SHIRLEY KOONTZ POA KELLI KOONTZ BENLINE T LARRY L CONKLE AND DONNA D CONKLE U LARRY L CONKLE AND DONNA D CONKLE	TH EXPLORATION LLC CHIEF EXPLORATION & DEVELOPMENT AB RESOURCES LLC TH EXPLORATION LLC TH EXPLORATION LLC TH EXPLORATION LLC TH EXPLORATION LLC	1/8+ 1/8+ 1/8+ 1/8+ 1/8+ 1/8+ 1/8+	677 697 864 869 1068 1068	216 521 215 163 222 299 299	N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A Chief Exploration & Development LLC and Radier 2000 IP to Enerplus Resources USA Corp: 685/636 N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A Enerplus Resources USA Corp to Chief Exploration & Development LLC and Radler 2000 LP: 22/101 AB Recources LLC & NPAR LLC to Chief Exploration & Development LLC & Radler 2000 LP: 24/490 N/A N/A N/A N/A	N/A N/A N/A Chief £&D LLC, Radier 2000 LP, Enerplus Resources USA Corp & Al Resources LLC: 24/495 Chief £&D LLC, Chief O/G LLC, Radier 2000 LP & Enerplus Resources USA Corp to Chevron USA Inc: 25/1 & 25/105 N/A N/A N/A N/A N/A	N/A N/A N/A Chief E&D LLC, Radler 2000 LP, Chief O/G LLC, Enerplus Resources USA Corp to Chevron USA Inc: 25/1 & 25/105 AB Resources LLC to NPAR LLC: 25/484 N/A N/A N/A N/A N/A	N/A N/A N/A AB Resources LLC to Chevron USA Inc: 736/397 NPAR LLC to Chevron US. Inc: 756/332 N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A Chevron USA Inc to TH Exploration LLC: 36/148 & 40/127 AB Resources LLC to A Chevron USA Inc: 756/397 N/A N/A N/A N/A N/A	N/A N/A N/A Chevron USA Inc to TH Exploration ILLC & TH Exploration LLC: 43/95 Chevron USA Inc to TH Exploration ILLC & TH Exploration ILLC & TH Exploration ILLC & 43/95 N/A N/A N/A N/A N/A
10°15524 9-7-29.1 X CAROLI ANDERSON ETAL CHEVRON USA INC 1/8+ 901 563 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	10*15503 10*26003 10*47051.094.0 10*47051.208.0 10*28169 10*27051.150.1	9-7-8 9-7-8 9-7-11 9-8-12 9-8-13.1 9-8-13.2	O LARRY J WHETZEL JR P ROBERT HUBBS ROBERT HENDERSON AND DEBRA HENDERSON, HUSBAND & WIFE, AND BRADLEY HENDERSON R MARK H FOX S SHIRLEY KOONTZ POA KELLI KOONTZ BENLINE T LARRY L CONKLE AND DONNA D CONKLE U LARRY L CONKLE AND DONNA D CONKLE U MCHAEL I HUGHES E TREESA A HUGHES	TH EXPLORATION LLC CHIEF EXPLORATION & DEVELOPMENT AB RESOURCES LLC TH EXPLORATION LLC TH EXPLORATION LLC TH EXPLORATION LLC TH EXPLORATION LLC TH EXPLORATION LLC	1/8+ 1/8+ 1/8+ 1/8+ 1/8+ 1/8+ 1/8+ 1/8+	697 869 869 1068 1068 866	216 521 215 163 222 299 309	N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A Chief Exploration & Development LLC and Radler 2000 LP to Enerplus Resources USA Corp: 685/636 N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A Enerplus Resources USA Corp to Chief Exploration & Development LLC and Radler 2000 LP: 22/101 AB Recources LLC & NPAR LLC to Chief Exploration & Development LLC & Radler 2000 LP: 24/90 N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A Chief & BLLC, Radier 2000 LP, Enerplus Resources USA Corp & Al Resources LLC: 24/495 Chief & BD LLC, Chief O/G LLC, Radier 2000 LP Enerplus Resources USA Corp to Chevron USA Inc: 25/1 & 25/105 N/A N/A N/A N/A N/A N/A	N/A N/A N/A Chief E&D LLC, Radier 2000 IP, Chief O/G LLC, Enerplus Resources USA Corp to Chevron USA Inc: 25/1 & 25/105 AB Resources LLC to NPAR LLC: 25/484 N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A AB Resources LLC to Chevron USA Inc: 756/397 NPAR LLC to Chevron US. Inc: 756/332 N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A Chevron USA Inc to TH Exploration LLC: 36/148 & 40/127 AB Resources LLC to A Chevron USA Inc: 756/397 N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95 Chevron USA Inc to TH Exploration II LLC & TH Exploration II LLC & 43/95 N/A N/A N/A N/A N/A N/A
10°15524 9-7-29.1 X CAROL J ANDERSON ETAL CHEVRON USA INC 1/8+ 901 563 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	10*15503 10*26003 10*47051.094.0 10*47051.208.0 10*28169 10*27051.150.1	9-7-8 9-7-8 9-7-11 9-8-12 9-8-13.1 9-8-13.2	O LARRY J WHETZEL JR P ROBERT HUBBS ROBERT HENDERSON AND DEBRA HENDERSON, HUSBAND & WIFE, AND BRADLEY HENDERSON R MARK H FOX S SHIRLEY KOONTZ POA KELLI KOONTZ BENLINE T LARRY L CONKLE AND DONNA D CONKLE U LARRY L CONKLE AND DONNA D CONKLE U MCHAEL I HUGHES E TREESA A HUGHES	TH EXPLORATION LLC CHIEF EXPLORATION & DEVELOPMENT AB RESOURCES LLC TH EXPLORATION LLC TH EXPLORATION LLC TH EXPLORATION LLC TH EXPLORATION LLC TH EXPLORATION LLC	1/8+ 1/8+ 1/8+ 1/8+ 1/8+ 1/8+ 1/8+ 1/8+	697 869 869 1068 1068 866	216 521 215 163 222 299 309	N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A Chief Exploration & Development LLC and Radler 2000 LP to Enerplus Resources USA Corp: 685/636 N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A Enerplus Resources USA Corp to Chief Exploration & Development LLC and Radler 2000 LP: 22/101 AB Recources LLC & NPAR LLC to Chief Exploration & Development LLC & Radler 2000 LP: 24/90 N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A Chief & BLLC, Radier 2000 LP, Enerplus Resources USA Corp & Al Resources LLC: 24/495 Chief & BD LLC, Chief O/G LLC, Radier 2000 LP Enerplus Resources USA Corp to Chevron USA Inc: 25/1 & 25/105 N/A N/A N/A N/A N/A N/A	N/A N/A N/A Chief E&D LLC, Radier 2000 IP, Chief O/G LLC, Enerplus Resources USA Corp to Chevron USA Inc: 25/1 & 25/105 AB Resources LLC to NPAR LLC: 25/484 N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A AB Resources LLC to Chevron USA Inc: 756/397 NPAR LLC to Chevron US. Inc: 756/332 N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A Chevron USA Inc to TH Exploration LLC: 36/148 & 40/127 AB Resources LLC to A Chevron USA Inc: 756/397 N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95 Chevron USA Inc to TH Exploration II LLC & TH Exploration II LLC & 43/95 N/A N/A N/A N/A N/A N/A
10*15524 9-7-29	10*15503 10*26003 10*47051.094.0 10*47051.208.0 10*28169 10*27051.150.1	9-7-8 9-7-8 9-7-11 9-8-12 9-8-13.1 9-8-13.2	O LARRY J WHETZEL JR P ROBERT HUBBS ROBERT HENDERSON AND DEBRA HENDERSON, HUSBAND & WIFE, AND BRADLEY HENDERSON R MARK H FOX S SHIRLEY KOONTZ POA KELLI KOONTZ BENLINE T LARRY L CONKLE AND DONNA D CONKLE U LARRY L CONKLE AND DONNA D CONKLE U MCHAEL I HUGHES E TREESA A HUGHES	TH EXPLORATION LLC CHIEF EXPLORATION & DEVELOPMENT AB RESOURCES LLC TH EXPLORATION LLC TH EXPLORATION LLC TH EXPLORATION LLC TH EXPLORATION LLC TH EXPLORATION LLC	1/8+ 1/8+ 1/8+ 1/8+ 1/8+ 1/8+ 1/8+ 1/8+	697 869 869 1068 1068 866	216 521 215 163 222 299 309	N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A Chief Exploration & Development LLC and Radler 2000 LP to Enerplus Resources USA Corp: 685/636 N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A Enerplus Resources USA Corp to Chief Exploration & Development LLC and Radler 2000 LP: 22/101 AB Recources LLC & NPAR LLC to Chief Exploration & Development LLC & Radler 2000 LP: 24/90 N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A Chief & BLLC, Radier 2000 LP, Enerplus Resources USA Corp & Al Resources LLC: 24/495 Chief & BD LLC, Chief O/G LLC, Radier 2000 LP Enerplus Resources USA Corp to Chevron USA Inc: 25/1 & 25/105 N/A N/A N/A N/A N/A N/A	N/A N/A N/A Chief E&D LLC, Radier 2000 IP, Chief O/G LLC, Enerplus Resources USA Corp to Chevron USA Inc: 25/1 & 25/105 AB Resources LLC to NPAR LLC: 25/484 N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A AB Resources LLC to Chevron USA Inc: 756/397 NPAR LLC to Chevron US. Inc: 756/332 N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A Chevron USA Inc to TH Exploration LLC: 36/148 & 40/127 AB Resources LLC to A Chevron USA Inc: 756/397 N/A N/A N/A N/A N/A N/A	N/A N/A N/A Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95 Chevron USA Inc to TH Exploration II LLC & TH Exploration II LLC & TH Exploration II LLC & 43/95 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A
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10°47051.289.1 9-12-8 CC JANICE M HISSON AND HARRY C HIXSON TH EXPLORATION LLC 1/8+ 898 461 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	10*15503 10*47051.094.0 10*47051.208.0 10*28169 10*28169 10*47051.150.1 10*28169 10*47051.304.0 10*23386 10*27947	9-7-7 9-7-8 9-7-1 9-8-12 9-8-13.1 9-8-13.2 9-8-13.3 9-7-29.1 9-7-29 9-9-3	O LARRY J WHETZEL JR P ROBERT HUBBS ROBERT HUBBS ROBERT HUBBS ROBERT HUBBS ROBERT HUBBS ROBERT HUBBS ROBERT HUBBS ROBERT HUBBS ROBERT HUBBS ROBERT HUBBS ROBERT HUBBS AND DEBRA HENDERSON, AND DEBRA HENDERSON BENLINE THOUSAND & WIFE, AND BRADLEY HENDERSON THOUSAND LONKLE AND DONNA D CONKLE THOUSAND LONKLE AND DONNA D CONKLE THOUSAND LONKLE AND DONNA D CONKLE THOUSAND LONKLE AND DONNA D CONKLE CAROL J ANDERSON ETAL THOUSAND LONKLE AND DONNA D CONKLE WINTED BANK INC UNK HEIRS OF EDITH CARMICHAEL BY HERMAN AA LANTZ, ESQ AS SPEC COMMISSIONER UNK HEIRS OF EDITH CARMICHAEL BY HERMAN AA STONE HILL MINERALS HOLDINGS LLC UNK HEIRS OF EDITH CARMICHAEL BY HERMAN AB LANTZ, ESQ AS SPEC COMMISSIONER	TH EXPLORATION LLC CHIEF EXPLORATION & DEVELOPMENT AB RESOURCES LLC TH EXPLORATION LLC TH EXPLORATION LLC TH EXPLORATION LLC TH EXPLORATION LLC TH EXPLORATION LLC TH EXPLORATION LLC TH EXPLORATION LLC TH EXPLORATION LLC TH EXPLORATION LLC TH EXPLORATION LLC TH EXPLORATION LLC TH EXPLORATION LLC TH EXPLORATION LLC TH EXPLORATION LLC TH EXPLORATION LLC TH EXPLORATION LLC	1/8+ 1/8+ 1/8+ 1/8+ 1/8+ 1/8+ 1/8+ 1/8+	697 864 869 1068 1068 1068 901 901 901 1003	216 521 215 163 222 299 299 299 563 563 5 68 568	N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A Chief Exploration & Development LLC and Radier 2000 IP to Enerplus Resources USA Corp: 685/636 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/	N/A N/A N/A N/A Enerplus Resources USA Corp to Chief Exploration & Development LLC and Radler 2000 LP: 22/101 AB Recources LLC & NPAR LLC to Chief Exploration & Development LLC & Radler 2000 LP: 24/490 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/	N/A N/A N/A Chief E&D LLC, Radier 2000 LP, Enerplus Resources USA Corp & Al Resources LLC: 24/495 Chief E&D LLC, Chief O/G LLC, Radier 2000 LP & Enerplus Resources USA Corp to Chevron USA Inc: 25/1 & 25/105 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A Chief E&D LLC, Redler 2000 LP, Chief O/G LLC, Enerplus Resources USA 3 Corp to Chevron USA Inc: 25/1 & 25/105 AB Resources LLC to NPAR LLC: 25/484 N/A N/A N/A N/A N/A N/A N/A N/	N/A N/A N/A AB Resources LLC to Chevron USA Inc: 736/337 NPAR LLC to Chevron US. Inc: 756/332 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A Chevron USA Inc to TH Exploration LLC: 36/148 & 40/127 AB Resources LLC to AC Chevron USA Inc: 756/397 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A Chevron USA Inc to TH Exploration ILLC: 43/95 Chevron USA Inc to TH Exploration ILLC: 43/95 Chevron USA Inc to TH Exploration ILC: 43/95 N/A N/A N/A N/A N/A N/A N/A Chevron USA Inc to TH Exploration ILC: 36/148 Chevron USA Inc to TH Exploration ILC: 36/148 Chevron USA Inc to TH Exploration ILC: 37/95 N/A N/A N/A N/A N/A N/A N/A N/A N/A
10*47051.289.2 9-12-8 CC KENNETH D MCMECHEN TH EXPLORATION LLC 1/8+ 898 463 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	10*15503 10*47603 10*47051.094.0 10*47051.208.0 10*28169 10*28169 10*47051.150.1 10*28169 10*47051.304.0 10*2386 10*27947	9-7-8 9-7-8 9-7-11 9-8-12 9-8-13 9-8-13 9-8-13.9 9-7-29.1 9-7-29 9-9-3 9-9-2 9-9-1	O LARRY J WHETZEL JR P ROBERT HUBBS ROBERT HENDERSON AND DEBRA HENDERSON, HUSBAND & WIFE, AND BRADLEY HENDERSON R MARK H FOX S SHIRLEY KOONTZ POA KELLI KOONTZ BENLINE T LARRY L CONKLE AND DONNA D CONKLE U LARRY L CONKLE AND DONNA D CONKLE W MICHAEL J HUGHES & TREESA HUBHES W LARRY L CONKLE AND DONNA D CONKLE X CAROL J ANDERSON ETAL Y CAROL J ANDERSON ETAL Z UNITED BANK INC UNK HEIRS OF EDITH CARMICHAEL BY HERMAN AA LANTZ, ESQ AS SPEC COMMISSIONER AA STONE HILL MINERALS HOLDINGS LLC UNK HEIRS OF EDITH CARMICHAEL BY HERMAN LANTZ, ESQ AS SPEC COMMISSIONER UNK HEIRS OF EDITH CARMICHAEL BY HERMAN LANTZ, ESQ AS SPEC COMMISSIONER UNK HEIRS OF EDITH CARMICHAEL BY HERMAN LANTZ, ESQ AS SPEC COMMISSIONER UNK HEIRS OF EDITH CARMICHAEL BY HERMAN BB STONE HILL MINERALS HOLDINGS LLC	TH EXPLORATION LLC CHIEF EXPLORATION & DEVELOPMENT AB RESOURCES LLC TH EXPLORATION LLC TH EXPLORATION LLC TH EXPLORATION LLC TH EXPLORATION LLC TH EXPLORATION LLC TH EXPLORATION LLC TH EXPLORATION LLC TH EXPLORATION LLC TH EXPLORATION LLC TH EXPLORATION LLC TH EXPLORATION LLC TH EXPLORATION LLC TH EXPLORATION LLC TH EXPLORATION LLC TH EXPLORATION LLC TH EXPLORATION LLC	1/8+ 1/8+ 1/8+ 1/8+ 1/8+ 1/8+ 1/8+ 1/8+ 1/8+ 1/8+ 1/8+ 1/8+ 1/8+ 1/8+ 1/8+ 1/8+	697 864 869 1068 1068 1068 901 901 901 1008 1003	216 521 215 163 222 299 299 309 299 563 563 5 68 568	N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A Chief Exploration & Development LLC and Radier 2000 UP to Enerplus Resources USA Corp: 685/636 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/	N/A N/A N/A N/A N/A N/A Enerplus Resources USA Corp to Chief Exploration & Development LLC and Radier 2000 LP: 22/101 AB Recources LLC & NPAR LLC to Chief Exploration & Development LLC & Radier 2000 LP: 24/490 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A Chief £&D LLC, Radier 2000 UP, Enerplus Resources USA Corp & AI Resources LLC: 24/495 Chief £&D LLC, Chief O/S LLC, Radier 2000 LP & Enerplus Resources USA Corp to Chevron USA Inc: 25/1 & 25/105 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A Chief E&D L/C, Redier 2000 LP, Chief O/G LLC, Enerplus Resources USA Corp to Chevron USA Inc: 25/1 & 25/105 AB Resources LLC to NPAR LLC: 25/484 N/A N/A N/A N/A N/A N/A N/A N/	N/A N/A N/A AB Resources LLC to Chevron USA inc: 756/397 NPAR LLC to Chevron US. inc: 756/332 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A Chevron USA Inc to TH Exploration LLC: 36/148 & 40/127 AB Resources LLC to A Chevron USA Inc: 756/397 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A Chevron USA Inc to TH Exploration II LLC & TH Exploration ILLC: 43/95 Chevron USA Inc to TH Exploration ILLC & TH Exploration ILLC & 43/95 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A
10*19987 9-9-16 DD LESLEY D BALLA TH EXPLORATION ILC 1/8+ 955 103 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	10*15503 10*26003 10*47051.094.0 10*47051.094.0 10*28169 10*28169 10*28169 10*15524 10*15524 10*27947 10*23386 10*27947	9-7-8 9-7-8 9-7-11 9-8-13 9-8-13 9-8-13.3 9-7-29.1 9-7-29 9-9-3 9-9-2 9-9-1 9-9-1 9-9-1 9-9-1	O LARRY J WHETZEL JR P ROBERT HUBBS ROBERT HENDERSON AND DEBRA HENDERSON, Q HUSBAND & WIFE, AND BRADLEY HENDERSON R MARK H FOX S SHIRLEY KOONTZ POA KELLI KOONTZ BENLINE TO LARRY L CONKLE AND DONNA D CONKLE W MICHAEL HUGHES & TERESA A HUGHES W LARRY L CONKLE AND DONNA D CONKLE Y CAROL J ANDERSON ETAL Y CAROL J ANDERSON ETAL Z UNITED BANK INC UNK HEIRS OF EDITH CARMICHAEL BY HERMAN LANTZ, ESQ AS SPEC COMMISSIONER AA STONE HILL MINERALS HOLDINGS LLC UNK HEIRS OF EDITH CARMICHAEL BY HERMAN LANTZ, ESQ AS SPEC COMMISSIONER BB STONE HILL MINERALS HOLDINGS LLC C JANIER MISSON AND HARRY CHISSON	TH EXPLORATION LLC CHIEF EXPLORATION & DEVELOPMENT AB RESOURCES LLC TH EXPLORATION LLC TH EXPLORATION LLC TH EXPLORATION LLC TH EXPLORATION LLC TH EXPLORATION LLC TH EXPLORATION LLC TH EXPLORATION LLC TH EXPLORATION LLC TH EXPLORATION LLC TH EXPLORATION LLC TH EXPLORATION LLC TH EXPLORATION LLC TH EXPLORATION LLC TH EXPLORATION LLC TH EXPLORATION LLC TH EXPLORATION LLC TH EXPLORATION LLC TH EXPLORATION LLC	1/8+ 1/8+ 1/8+ 1/8+ 1/8+ 1/8+ 1/8+ 1/8+ 1/8+ 1/8+ 1/8+ 1/8+ 1/8+ 1/8+ 1/8+ 1/8+	697 864 869 1068 1068 1068 901 901 901 1008 1003	216 521 215 163 222 299 299 309 299 563 563 5 68 568	N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A Chief Exploration & Development LLC and Radier 2000 IP to Enerplus Resources USA Corp: 685/636 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/	N/A N/A N/A N/A Enerplus Resources USA Corp to Chief Exploration & Development LLC and Radier 2000 LP: 22/101 AB Recources LLC & NPAR LLC to Chief Exploration & Development LLC & Radier 2000 LP: 24/490 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A Chief E&D LLC, Radier 2000 LP, Enerplus Resources LLC: 24/495 Chief E&D LLC, Chief O/G LLC, Radier 2000 LP & Enerplus Resources USA Corp to Chevron USA Inc: 25/1 & 25/105 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A Chief E&D LLC, Redler 2000 LP, Chief O/G LLC, Enerplus Resources USA 3 Corp to Chevron USA Inc: 25/1 & 25/105 AB Resources LLC to NPAR LLC: 25/484 N/A N/A N/A N/A N/A N/A N/A N/	N/A N/A N/A AB Resources LLC to Chevron USA Inc: 756/397 NPAR LLC to Chevron US. Inc: 756/392 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A Chevron USA Inc to TH Exploration LLC: 36/148 & 40/127 AB Resources LLC to AC Chevron USA Inc: 756/337 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A Chevron USA Inc to TH Exploration II LLC & TH Exploration II LLC & TH Exploration II LLC & TH Exploration II LLC & TH Exploration II LLC & TH Exploration II LLC & TH Exploration II LLC & TH Exploration ILC: 43/95 N/A N/A N/A N/A N/A Chevron USA Inc to TH Exploration LLC: 36/148 Chevron USA Inc to TH Exploration ILC: 37/95 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A
	10*15503 10*26003 10*47051.094.0 10*28169 10*28169 10*28169 10*47051.150.1 10*28169 10*15524 10*47051.304.0 10*23386 10*27947 10*23386 10*27947 10*27947	9-7-7 9-7-8 9-7-8 9-7-11 9-8-12 9-8-13.1 9-8-13.2 9-8-13.3 9-7-29.1 9-9-2 9-9-2 9-9-2 9-9-1 9-9-1 9-12-8	O LARRY J WHETZEL JR P ROBERT HUBBS ROBERT HENDERSON AND DEBRA HENDERSON, HUSBAND & WIFE, AND BRADLEY HENDERSON R MARK H FOX S SHIRLEY KOONTZ POA KELLI KOONTZ BENLINE T LARRY L CONKLE AND DONNA D CONKLE U LARRY L CONKLE AND DONNA D CONKLE W LARRY L CONKLE AND DONNA D CONKLE W LARRY L CONKLE AND DONNA D CONKLE X CAROL J ANDERSON ETAL Y CAROL J ANDERSON ETAL Z UNITED BANK INC UNK HEIRS OF EDITH CARMICHAEL BY HERMAN AA LANTZ, ESQ AS SPEC COMMISSIONER AA STONE HILL MINERALS HOLDINGS LIC UNK HEIRS OF EDITH CARMICHAEL BY HERMAN BLANTZ, ESQ AS SPEC COMMISSIONER BB STONE HILL MINERALS HOLDINGS LIC UNK HEIRS OF EDITH CARMICHAEL BY HERMAN BLANTZ, ESQ AS SPEC COMMISSIONER BB STONE HILL MINERALS HOLDINGS LIC CC LENNETT D MCMÉCHEN	TH EXPLORATION LLC CHIEF EXPLORATION & DEVELOPMENT AB RESOURCES LLC TH EXPLORATION LLC	1/8+ 1/8+ 1/8+ 1/8+ 1/8+ 1/8+ 1/8+ 1/8+	697 864 869 1068 1068 1068 901 901 1008 1063 1008 1063	216 521 215 163 222 299 299 309 299 563 563 5 68 568 68 68 68 68 68 68 461 463	N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A Chief Exploration & Development LLC and Radier 2000 LP to Enerplus Resources USA Corp: 685/636 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/	N/A N/A N/A N/A N/A N/A Enerplus Resources USA Corp to Chief Exploration & Development LLC and Radier 2000 LP: 22/101 AB Recources LLC & NPAR LLC to Chief Exploration & Development LLC & Radier 2000 LP: 24/490 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A Chief £&D LLC, Radier 2000 LP, Enerplus Resources USA Corp & Al Resources LC: 24/495 Chief £&D LLC, Chief O/G LLC, Radier 2000 LP & Enerplus Resources USA Corp to Chevron USA Inc: 25/1 & 25/105 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A Chief E&D LLC, Radler 2000 LP, Chief O/G LLC, Enerplus Resources USA 3 Corp to Chevron USA Inc: 25/1 & 25/105 AB Resources LLC to NPAR LLC: 25/484 N/A N/A N/A N/A N/A N/A N/A N/	N/A N/A N/A N/A N/A AB Resources LLC to Chevron USA Inc: 736/397 NPAR LLC to Chevron US. Inc: 756/332 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A Chevron USA Inc to TH Exploration LLC: 36/148 & 40/127 AB Resources LLC to A Chevron USA Inc: 756/397 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A Chevron USA Inc to TH Exploration ILLC: 43/95 Chevron USA Inc to TH Exploration ILLC: 43/95 Chevron USA Inc to TH Exploration ILLC & 37H Exploration ILLC & 34/95 N/A N/A N/A N/A N/A N/A Chevron USA Inc to TH Exploration ILC: 36/148 Chevron USA Inc to TH Exploration ILLC & TH Exploration ILLC & 37H
	10*15503 10*26003 10*47051.094.0 10*47051.208.0 10*28169 10*28169 10*28169 10*47051.150.1 10*23386 10*27947 10*23386 10*27947 10*47051.289.1 10*47051.289.1 10*47051.289.1	9-7-8 9-7-8 9-7-8 9-7-11 9-8-12 9-8-13.1 9-8-13.2 9-8-13.3 9-7-29.1 9-7-29 9-9-3 9-9-2 9-9-1 9-9-1 9-12-8 9-9-18	O LARRY J WHETZEL JR P ROBERT HUBBS ROBERT HENDERSON AND DEBRA HENDERSON, HUSBAND & WIFE, AND BRADLEY HENDERSON R MARK H FOX S SHIRLEY KOONTZ POA KELLI KOONTZ BENLINE T LARRY L CONKLE AND DONNA D CONKLE U LARRY L CONKLE AND DONNA D CONKLE W MICHAEL J HUGHES & TERESA A HUGHES W LARRY L CONKLE AND DONNA D CONKLE X CAROL J ANDERSON ETAL Y CAROL J ANDERSON ETAL Z UNITED BANK INC UNK HEIRS OF EDITH CARMICHAEL BY HERMAN LANTZ, ESQ AS SPEC COMMISSIONER AA STONE HILL MINERALS HOLDINGS LLC UNK HEIRS OF EDITH CARMICHAEL BY HERMAN LANTZ, ESQ AS SPEC COMMISSIONER BB STONE HILL MINERALS HOLDINGS LLC CC JANICE M HIXSON AND HARRY C HIXSON CCC KENNETH D MOMECHEN	TH EXPLORATION LLC CHIEF EXPLORATION & DEVELOPMENT AB RESOURCES LLC TH EXPLORATION LLC	1/8+ 1/8+ 1/8+ 1/8+ 1/8+ 1/8+ 1/8+ 1/8+ 1/8+ 1/8+ 1/8+ 1/8+ 1/8+ 1/8+ 1/8+ 1/8+ 1/8+ 1/8+ 1/8+ 1/8+	697 697 864 869 1068 866 1068 901 901 905 1008 1063 891 898 898 898 898	216 521 215 163 222 299 309 299 563 563 5 68 568 68 68 68 68 68 103	N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A Chief Exploration & Development LLC and Radier 2000 IP to Enerplus Resources USA Corp: 685/636 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/	N/A N/A N/A N/A N/A N/A Enerplus Resources USA Corp to Chief Exploration & Development LLC and Radler 2000 LP: 22/101 AB Recources LLC & NPAR LLC to Chief Exploration & Development LLC & Radler 2000 LP: 24/490 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/	N/A N/A N/A N/A Chief E&D LLC, Radier 2000 LP, Enerplus Resources USA Corp & Al Resources LC: 24/495 Chief E&D LLC, Chief O/G LLC, Radier 2000 LP & Enerplus Resources USA Corp to Chevron USA Inc: 25/1 & 25/105 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A Chief E&D LLC, Redler 2000 LP, Chief O/G LLC, Enerplus Resources USA 3 Corp to Chevron USA Inc: 25/1 & 25/105 AB Resources LLC to NPAR LLC: 25/484 N/A N/A N/A N/A N/A N/A N/A N/	N/A N/A N/A N/A N/A AB Resources LLC to Chevron USA Inc: 736/337 NPAR LLC to Chevron US. Inc: 756/332 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A Chevron USA Inc to TH Exploration LLC: 36/148 & 40/127 AB Resources LLC to AC hevron USA Inc: 756/397 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A Chevron USA Inc to TH Exploration II LLC & TH Exploration ILC: 43/95 Chevron USA Inc to TH Exploration ILC: 43/95 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A

Lease ID	Parcel	Tag Grantor, Lessor, Etc.	Grantee, Lessee, Etc.	Royalty	Deed B	ook/Page	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment
10*19994		DD ELAINE A FONTES	TH EXPLORATION LLC	1/8+			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*21117		DD JOELLYN JOHNSON	TH EXPLORATION LLC	1/8+	952			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10°21322		DD PHILLIP H WAYT AND BILLIE A WAYT	TH EXPLORATION LLC	1/8+				N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*22199		DD DONALD BROOKS WESLEY	BLUE ROAN RESOURCES	1/8+	926		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Blue Roan Resources LLC to TH Exploration LLC: 41/405
10*22201	9-9-16	DD FREDERICK MAXWELL YEATER	BLUE ROAN RESOURCES LLC	1/8+	926	422	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Blue Roan Resources LLC to TH Exploration LLC: 41/405
10*22202	9-9-16	DD MARK DAVID HUNT	BLUE ROAN RESOURCES	1/8+	935	109	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Blue Roan Resources LLC to TH Exploration LLC: 41/405
10°22203	9-9-16	DD MELISSA ELAINE SCHROTH	BLUE ROAN RESOURCES	1/8+	934	471	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Blue Roan Resources LLC to TH Exploration LLC: 41/405
10°22526	9-9-16	DD BARBARA FURFARI	TH EXPLORATION LLC	1/8+	964	528	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10°22528	9-9-16	DD RONALD DAKAN	TH EXPLORATION LLC	1/8+	964	530	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10°22553	9-9-16	DD DAVID H DAKAN	TH EXPLORATION LLC	1/8+	966	130	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*22783	9-9-16	DD SUZANNE SWIFT	TH EXPLORATION LLC	1/8+	972	85	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*23315	9-9-16	DD TIM A WILLIS AND DIANE CLARE WILLIS	TH EXPLORATION LLC	1/8+	988	138	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*24047 10*24397	9-9-16	BESSIE CARMICHAEL ET AL SHANE M MALLETT, DD SPECIAL COMMISSIONER DD MARK D CHAMBERS AND SHERYL CHAMBERS	TH EXPLORATION LLC	1/8+			N/A N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
								N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*24398	9-9-16		TH EXPLORATION LLC	1/8+			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*24413	9-9-16	DD BRADLEY S SCHERICH AND LEIGH SCHERICH	TH EXPLORATION LLC	1/8+	1023	157	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*15999	9-12-9	EE CHARLES W DOBBS AND JUDITH M DOBBS	TRIENERGY HOLDINGS LLC	1/8+	702	171	TriEnergy Holdings LLC to NPAR LLC: 24/180	LLC to Chief Exploration 8 Development LLC &	Enerplus to Chevron USA	TriEnergy Holdings LLC & TriEnergy Inc to Chevron USA Inc: 28/356	NPAR LLC to Chevron USA		f Chevron USA Inc to Statoil USA Properties Inc: 30/494	Chevron USA Inc to Chesapeake Appalachia LLC: 30/532	Chesapeake Appalachia LLC to SWN Production Co LLC: 33/110		Cert of Merger: SWN Exchange Titleholder LLC Into SWN Production Co LLC: 19/624		Statoil USA Onshore Properties Inc to TH Exploration LLC: 36/455
10*16000	9-12-9	EE DAVID J KLUKAS ET UX	TRIENERGY HOLDINGS LLC	1/8+	702	175	TriEnergy Holdings LLC to NPAR LLC: 24/180	LLC to Chief Exploration 8	Enerplus to Chevron USA	TriEnergy Holdings LLC & TriEnergy Inc to Chevron USA Inc: 28/356	NPAR LLC to Chevron USA		f Chevron USA Inc to Statoil USA Properties Inc: 30/494	Chevron USA Inc to Chesapeake Appalachia LLC: 30/532	Chesapeake Appalachia LLC to SWN Production Co LLC: 33/110	Statoil USA Onshore Properties Inc to SWN Exchange Titleholder LLC 33/424	Cert of Merger: SWN Exchange Titleholder LLC Into SWN Production Co LLC: 19/624	SWN Production Co LLC to TH Exploration LLC: 36/431	Statoil USA Onshore Properties Inc to TH Exploration LLC: 36/455
10*16001	9-12-9	EE MARLENE D GARIN	TRIENERGY HOLDINGS LLC	1/8+	702	173	TriEnergy Holdings LLC to NPAR LLC: 24/180	LLC to Chief Exploration 8	Enerplus to Chevron USA	TriEnergy Holdings LLC & TriEnergy Inc to Chevron USA Inc: 28/356	NPAR LLC to Chevron USA		f Chevron USA Inc to Statoli USA Properties Inc: 30/494	Chevron USA Inc to Chesapeake Appalachia LLC: 30/532	Chesapeake Appalachia LLC to SWN Production Co LLC: 33/110	Statoll USA Onshore Properties Inc to SWN Exchange Titleholder LLC 33/424	Cert of Merger: SWN Exchange Titleholder LLC Into SWN Production Co LLC: 19/624	SWN Production Co LLC to TH Exploration LLC: 36/431	Statoil USA Onshore Properties Inc to TH Exploration LLC: 36/455
		PEGGY ANNETTE GARDNER & ROBERT W			T	T		1									· ·		
10*28509	9-12-9	EE GARDNER	TH EXPLORATION LLC	1/8+	1073	348	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*28510	9-12-9		TH EXPLORATION LLC	1/8+		350	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*28757	9-12-9	EE REBECCA LYNN RITZ AND THOMAS A RITZ	TH EXPLORATION LLC	1/8+	1076	15	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

DPS LAND SERVICES CORP 6000 TOWN CENTER BOULEVARD, SUITE 145 CANONSBURG PA 15317-5841

STATE OF WEST VIRGINIA
COUNTY OF MARSHALL

ASSIGNMENT AND BILL OF SALE

§ §

This ASSIGNMENT AND BILL OF SALE (this "Assignment") dated as of Y 2019 (the "Signing Date"), but effective from and after 7:00 a.m., Eastern Standard Time on February 1, 2019 (the "Effective Date"), is made by Chevron U.S.A. Inc., a Pennsylvania corporation, with an address at 700 Cherrington Parkway, Coraopolis, PA 15108 ("Chevron" or "Assignor") to TH Exploration II, LLC and TH Exploration, LLC, Texas limited liability companies, with an address at 1320 S. University Drive, Suite 500, Fort Worth, TX 76107 (collectively "Assignee") and is accepted by Assignee upon the following terms and conditions.

RECITALS

- A. Assignor desires to sell, convey, transfer, assign and deliver to Assignee Assignor's Crawford 1 well and certain related assets, including certain leasehold interests, located in Marshall County, West Virginia.
- B. Through an Acreage Trade Agreement to be executed contemporaneously with this Assignment, Assignor desires to transfer, convey and assign to Assignee certain of Assignor's oil and gas leasehold interests located in Marshall County, West Virginia in exchange for the transfer, conveyance and assignment to Assignor by Assignee certain of Assignee's oil and gas leasehold interests located in Marshall County, West Virginia.
- C. In consideration of the mutual promises set out in this Assignment, including execution of the Acreage Trade Agreement, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Parties agree to be bound by the terms of this Assignment.

1. **DEFINITIONS**

1.1 **Definitions.** As used in this Assignment, these words and expressions have the following meanings:

"Acreage Trade Agreement" means that certain Acreage Trade Agreement by and between Chevron U.S.A. Inc. and TH Exploration, LLC with an Effective Date of February 1, 2019 to be contemporaneously executed with this Assignment.

"Act" has the meaning given to such term in Section 9.1(C).

"Affiliate" means any legal entity which controls, is controlled by, or is under common control with, another legal entity. An entity is deemed to "control" another if it owns directly or indirectly at least fifty percent of either of the following: (A) the shares entitled to vote at a general election of directors of such

Page 1 of 40

"

ASSIGNMENT OF OIL AND GAS LEASES

This ASSIGNMENT OF OIL AND GAS LEASES (the "Assignment") is made and entered into this 8th day of March, 2018 (the "Effective Date"), from Blue Roan Resources, LLC, a West Virginia limited liability company, having an address at 3437 University Avenue, Morgantown, WV, 26505 (hereinafter "Assignor"), and TH Exploration, LLC, a Texas limited liability company, having an address at 1320 S. University Drive, Suite 500, Fort Worth, TX 76107 (hereinafter "Assignee").

WITNESSETH:

WHEREAS, Assignor is the owner of the right, title, and interest in those certain Oil and Gas Leases situated in Marshall County, West Virginia, which are described in Exhibit "A" attached hereto and made a part hereof (hereinafter the "Leases"); and

WHEREAS, subject to the exceptions and reservations herein contained, Assignor desires to assign, set over, and transfer to Assignee all of Assignor's right, title, and interest in and to the Leases.

NOW, THEREFORE, for and in consideration of the sum of Ten Dollars (\$10.00), cash in hand paid, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and subject to the limited warranties, restrictions and conditions hereinafter mentioned, the parties hereto, intending to be legally bound, do covenant and agree as follows:

I. Assignment. Assignor does hereby grant, bargain, sell, convey, deliver, assign, set over and transfer, as of the Effective Date, to Assignee, its respective successors and assigns, forever, subject to the terms, reservations, waivers and provisions as hereinafter set forth, an undivided interest of all of Assignor's right, title and interest in and to the Leases and all oil, natural gas, natural gas liquids, condensate, casinghead gas and other liquefied or gaseous hydrocarbons or products ("Hydrocarbons") thereby held, in any and all depths and formations ("Assigned Formations"), together with any and all other rights that are reasonably necessary or convenient to explore for and produce Hydrocarbons from the Assigned Formations, including, but not limited to, the right of surface access, use and occupancy, the right of ingress and egress, the right to conduct geophysical and other exploratory activities, the right to lay pipeline, the right to drill through, but not perforate or stimulate, all other depths and formations necessary for the purpose of reaching the Assigned Formations and to conduct operations therein.

TO HAVE AND TO HOLD such right, title and interest in and to the Leases unto Assignees or their designee, and their respective successors and assigns, forever, in accordance with the provisions of this Assignment.

 Representations and Warranties. Assignor represents and warrants that such Assignor has not conveyed or otherwise encumbered its interest in the Leases since the time that Assignor obtained its interests in the Leases.

Assignor represents and warrants that, as to its interests in the Leases, Assignor has paid all royalties, overriding royalties, and other payments required by the Leases which were due for the period in which Assignor held its interests in the Leases, including, but not limited to, the interests assigned hereunder, and that Assignor has fully performed all conditions necessary to maintain the Leases in full force and effect during such period.

- Successors and Assigns. The terms of this Assignment shall be binding
 upon and inure to the benefit of the parties hereto and each of their respective successors
 and assigns, and such terms shall be covenants running with the land, and with each
 subsequent transfer or assignment thereof.
- Further Assurances. Assignor and Assignee hereby agree to take all
 actions and execute, acknowledge, and deliver all such instruments as are necessary or
 advisable to effectuate the purposes of this Assignment.

ASSIGNMENT AND CONVEYANCE

This Assignment and Conveyance (this "Assignment") is from STATOIL USA ONSHORE PROPERTIES INC., a Delaware corporation ("Assignor"), to TH Exploration, LLC, a Texas limited liability company ("Assignee"), and is executed on August 22, 2016 (the "Effective Date"). Assignor and Assignee may be referred to herein collectively as the "Parties," or individually as a "Party." Capitalized terms used herein but not otherwise defined herein (including in Section 3.7) shall have the meanings given such terms in that certain Acreage Trade Agreement between the Assignor and the Assignee dated June 19, 2016 (the "Acreage Trade Agreement").

ARTICLE 1 ASSIGNMENT OF ASSETS

Section 1.1 <u>Assignment.</u> For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor hereby GRANTS, BARGAINS, ASSIGNS, CONVEYS AND TRANSFERS unto Assignee all of Assignor's right, title and interest in and to (i) the oil and gas leases described in more detail on <u>Exhibit A</u> attached hereto (the "Leases") INSOFAR AND ONLY INSOFAR as they cover the Target Formations and INSOFAR AND ONLY INSOFAR as they cover those lands described on <u>Exhibit A</u> (the "Leasehold Rights") and (ii) any surface use agreements that relate to such Leasehold Rights (collectively with the Leasehold Rights, the "Conveyed Assets"). Assignor does hereby reserve unto itself the right and subsurface easement to drill through the Leasehold Rights to access the those depths and formations in the Leases other than the Target Formations and (y) to shoot seismic, sonic, or other energy or waves through the Leasehold Rights and to receive, record and evaluate such energy or waves, including those reflected from or in any way pertaining to the reserved depths, and to utilize any and all other exploration technologies that image the subsurface of the leasehold including the reserved depths and to receive, record and evaluate all images resulting therefrom.

TO HAVE AND TO HOLD the Conveyed Assets, together with all and singular the rights, privileges, contracts and appurtenances, in any way appertaining or belonging thereto, unto Assignee, its successors and assigns, forever, subject, to the terms and conditions of this Assignment.

Section 1.4 <u>Assignment Subject to Acreage Trade Agreement</u>. This Assignment is made in accordance with and is subject to the terms, covenants and conditions contained in that certain Acreage Trade Agreement. In the event of a conflict between the provisions of the Acreage Trade Agreement and this Assignment, the provisions of the Acreage Trade Agreement shall control. The execution and delivery of this Assignment by Assignor, and the execution and acceptance of this Assignment by Assignee, shall not operate to release or impair any surviving rights or obligations of either Party with respect to the other under the Acreage Trade Agreement.

ARTICLE 2 SPECIAL WARRANTY OF TITLE AND DISCLAIMERS

Section 2.1 <u>Special Warranty of Title</u>. Assignor hereby agrees to warrant and defend Defensible Title to the Leases unto Assignee, its successors and assigns, against every Person whomsoever lawfully claiming or to claim the same or any part thereof by, through or under Assignor or any of its Affiliates, but not otherwise.

Section 2.2 <u>Disclaimers of Warranties and Representations</u>.

(a) EXCEPT AS EXPRESSLY REPRESENTED OTHERWISE IN <u>SECTION VI</u> OF THE ACREAGE TRADE AGREEMENT OR THIS ASSIGNMENT, ASSIGNOR MAKES NO, AND HEREBY EXPRESSLY DISCLAIMS, ANY REPRESENTATION OR WARRANTY, EXPRESS, IMPLIED OR STATUTORY, INCLUDING AS TO (I) TITLE TO THE LEASEHOLD RIGHTS, (II) THE CONTENTS, CHARACTER OR NATURE OF ANY



UTICA MODIFICATION - PLEASE DELIVER TO SUSAN ROSE

March 18, 2020

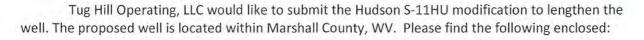
WV DEP OFFICE OF OIL & GAS ATTENTION: SUSAN ROSE 601 57TH STREET SE CHARLESTON WV 25304-2345

VIA FEDEX

RE:

Hudson S-11HU (H6A Drilling Modification)
Franklin District, Marshall County, WV

Dear Susan:



- Updated WW-6B with inspector signature
- Updated well plat
- Updated Water Management Plan
- Updated Site Safety Plan
- Updated WW-6A1
- Updated Area of Review
- Updated 1500' Offset Operator list and map

If you have any questions or need any additional information, please feel free to call me at (304) 376-0111. Thank you for taking your time to review this application.

Sincerely,

Office of Oil and Gas

MAR 1 9 2020

PERMITTING SPECIALIST-APPALACHIA REGION Department of Environmental Protection

Enclosures



Tug Hill Operating, LLC Casing and Cement Program

Hudson S-11HU

			Casing		
	String	Grade	Bit Size	Depth (Measured)	Cement Fill Up
Conductor	30"	BW	36"	120'	CTS
Surface	20"	J55	26"	1,070	CTS
Intermediate 1	13 3/8"	J55	17 1/2"	2,800'	CTS
Intermediate 2	9 5/8"	HPP110	12 1/4"	11,070'	CTS
Production	5 1/2"	HCP110	8 1/2"	25,605	CTS

Cement

Surface: Premium NE-1 + 2% bwoc CaC12 + 46.5% Fresh Water – Surface Cement mixed at 15.6 ppg, Y=1.2

Intermediate 1: Premium NE-1 + 1% bwoc CaC12 + 46.5% Fresh Water – Intermediate Cement mixed at 15.6 ppg, Y=1.2

Intermediate 2: Premium NE-1 + 1% bwoc CaC12 + 46.5% Fresh Water – Intermediate Cement mixed at 15.6 ppg, Y=1.99

50:50 Poz: Premium NE-1 + .1% bwoc ASA-301 + 60lb/sk ASCA-1 + .35% bwoc BA-10A + .25% bwoc MPA-170, Production: 44 lb sack + .5% bwoc R-3 + .75 gals/100sk FP-13L — Production Cement mixed at 15.2ppg, Y = 1.18

RECEIVED Office of Oil and Gas

MAR 1 9 2020

WV Department of Environmental Protection



30°Csg @ 05F1 120'M0 / 120'TV0 TD: THL THUE			αντ'οτο,ε / σΜ' οτο,ε							13 3/8" C.g @ 2,800' MD / 2,795' TVD								11,070' MD / 10,465'TVD	11,384" It MD		tanding Point @ 12,755 MD / 11,666 TVD PH TVD = 150' below Trenton Top
DISTRICT: Meade DE Flev: 1,344* TH Lattrude: 25,605* TH Lattrude: 39,2827 TH Langtrude: -80,672714 All Langtrude: -90,672714 All Langtrude: -90,672714		Formation	Deepest Fresh Water	Sewickley Coal	Pittsburgh Coal	Big Lime	Berea	yllut	Marcellus	Onondaga	Salina	Lockpart	Utlea	Point Pleasant	Landing Depth	Trenton	Pliet Hele TD				RECEIVE Office of Oil ar MAR 192 WV Departme Environmental Pr
GL Eleve 1,344°	S	Depth TVD	978'	386'	972'	2,067'	2,685'	6,631'	6,744	,362'9	7,519'	8,528	11,350'	11,618'	11,668	11,751'	11,901				
	1	Type	Conductor	Surface	intermediate 1	Intermediate 2	Production				Conductor	Surface	Intermediate I	Intermediate 2	Production						
		Hole Size (in)	36	26	17 1/2	12.1/4	81/2		CEMENT SUMMARY	Sacks	338	1,854	2,140	2,992	5.371						
O'XX		Csg Size (in)	30	20	13 3/8	9.5/8	5.1/2		IARY	Class	ď	A	ч	٧	٩						
	CASING SUMMARY	Depth (MD)		1,070,	2,800'	11,070'	25,605'			Density	15.6	15.6	27	14.5	15						
	RY	pth (TVD)		1,070'	2,796'	10,465	11,893			Fluid Type	Air	Air	Air	Alr	Alr / SOBM						
		Weight (lb/ft)	BW.	106.5	54.5	47	23		DRILLING DETAILS			3 Cen	10	10	every other Joint in la				Ser!	1/2/	
		Grade Top of Cement		155	155	HPP110	HCP110		DETAILS	Centralizer Notes	None	3 Centralizers at equal distance	1 Centralizer every other jt	1 Centralizer every other jt	I every ether joint in lateral; I per joint in curve; I every other jt to	sfe			1 , 20	3/11/200	⊕ Cleaned TD

OPERATOR WELL NO. Hudson S-11HU

Well Pad Name: Hudson

18)

CASING AND TUBING PROGRAM

TYPE	Size (in)	New or Used	Grade	Weight per ft. (lb/ft)	FOOTAGE: For Drilling (ft)	INTERVALS: Left in Well (ft)	CEMENT: Fill-up (Cu. Ft.)/CTS
Conductor	30"	NEW	BW	BW	120'	120'	259FT^3(CTS)
Fresh Water	20"	NEW	J55	106.5#	1070'	1070'	1,719FT^3(CTS)
Coal	13 3/8"	NEW	J55	54.5#	2800'	2800'	1,975FT^3(CTS)
Intermediate	9 5/8"	NEW	HPP110	47#	11,070'	11,070'	3,606FT^3(CTS)
Production	5 1/2"	NEW	P110	23#	25,605'	25,605'	5,937FT^3(CTS)
Tubing	2 7/8"	NEW	P110	6.5#		11,884'	
Liners							

83/11/20

TYPE	Size (in)	Wellbore Diameter (in)	Wall Thickness (in)	Burst Pressure (psi)	Anticipated Max. Internal Pressure (psi)	Cement Type	Cement Yield (cu. ft./k)
Conductor	30"	36"	1.0	2,333	1,866	CLASS A	1.2
Fresh Water	20"	26"	.5	2,410	1,928	SEE # 24	1.2
Coal	13 3/8"	17 1/2"	.38	2,740	2,192	SEE #24	1.2
Intermediate	9 5/8"	12 1/4"	.472	10,730	6,968	SEE #24	1.99
Production	5 1/2"	8 1/2"	.415	16,510	10,864	SEE #24	1.18
Tubing	2 7/8"			11,385	11,624		
Liners							
				VVVV	and the same of th		

WYOID

PACKERS

Kind:	N/A	Office of Oil and Gas
	IN//	MAR 1 9 2020
Sizes:	N/A	WV Department of Environmental Protection
Depths Set:	N/A	Environmental Protection

T.H. B.H.

MAP/PARCEL	ADJOINING SURFACE OWNER LIST	ACRES
9-2-9.1	CONSOLIDATION COAL CO.	1.00
9-2-9.2	CONSOLIDATION COAL CO.	1.00
9-3-1.2	CONSOLIDATION COAL CO.	1.00
9-5-6	NANCY L. SNYDER (LIFE ESTATE)	82.858
9-5-6.1	JON B. CRAWFORD	4,679
9-5-6.9	CNX LAND CO. LLC	22.39
9-5-7	ME CHURCH	81.5 POLES (6 AC, ASSD)
9-5-8,1	ISACC McKINNEY, ET UX	2.875
9-5-8.2	MISTY CROW W/ ROBERT & ELSIE WHETZEL (LIFE ESTATE)	1.973
9-5-11.1	MARK H. FOX	2.619
9-5-11.3	MARK H. FOX	1.94
9-5-13	SHELLY ANN JORDAN	5.51
9-5-14.1	SA VANNA N & MATTHEW WEST	2.819
9-5-14.4	BETTY R. OTT	10.501
9-5-16	LARRY L. CONKLE, JR.	2,365
9-5-16.1	SCOTT A. HOSTUTLER	0.142
9-5-21	RALPH E. WELLMAN, ET UX	1.00
9-5-22	RALPH E. WELLMAN, ET UX	0.5
9-7-9	CNX LAND CO. LLC	2.00
9-7-10	DONALD M. & THERESA L. HARRIS	3.00
9-7-11.1	WV DEPT. OF HIGHWAYS	3.63
9-7-27	LOGAN M TOLER & ASHLEY N. BERARDI	1.005
9-7-28	VICTOR & CLAIRE CAMERON	1,983
9-7-28.1	NATHAN WILLIAMS	2.768
9-8-1	CNX LAND CO. LLC	2.908
9-8-2	CNX LAND CO, LLC	6000 SQ. FT.

B.H.

T.H. LATITUDE 39°50'00" B.H. LATITUDE 39°50'00'

80°37'30" LONGITUDE

(S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH) E. 1,639,156.22 LONG-(W) 80.672714 NAD'83 S.P.C.(FT) N. 486,104.49 LAT-(N) 39.828700 NAD'83 GEO.

NAD'83 UTM (M) N. 4,408,796,11

LANDING POINT NAD'83 S.P.C.(FT) N. 486,747.8 LAT-(N) 39,830364

N. 4,408,977.7 **BOTTOM HOLE**

NAD'83 S.P.C.(FT) N. 475,511.3 NAD'83 GEO. LAT-(N) 39,799742 NAD'83 UTM (M) N. 4,405,586.2

NAD'83 GEO.

NAD'83 UTM (M)

E. 1.636,321.9 LONG-(W) 80.682835 E. 527,140.0

E. 528,006.75

E. 1,642,560.1 LONG-(W) 80.660108 E. 529,097.7



REFERENCES

= 200STAKE 5/8" IRON ROD FOUND

NOTES ON SURVEY

NOTES ON SURVEY

1. NO WATER WELLS WERE FOUND WITHIN 250' OF PROPOSED GAS WELL. NO AGRICULTURAL BUILDINGS
≥ 2500 SQ. FT. OR DWELLINGS WERE FOUND WITHIN 625' OF THE CENTER OF PROPOSED WELL PAD.

2. WELL SPOT CIRCLE & TOPO MARK SCALE ARE 1"=2000'

3. PROPOSED LATERAL OR TOP HOLE OF HUDSON S−11HU (47−051−02296) IS WITHIN 3000' OF THE TOP HOLES OR LATERALS OF HUDSON S−12HU (47−051−02292). HUDSON S−12HU (47−051−02292). PROPOSED HUDSON S−15HU, PROPOSED HUDSON S−16HU, PROPOSED HUDSON S−16HU, TEN HIGH 1N−13HU (47−051−01965). TEN HIGH 1N−20HU (47−051−02021). TEN HIGH 1N−20HU (47−051−02023). PROPOSED FITZGERALD S−17HU, PROPOSED FITZGERALD S−17HU, PROPOSED FITZGERALD S−17HU, PROPOSED FITZGERALD S−17HU, PROPOSED FITZGERALD S−19HU.

4. MINIMUM OFFSET SPACING REQUIREMENTS EXEMPTED BY WAIVER WITH THE WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS AND OFFSET LEASEROUDER AGREEMENTS AS PROVIDED BY TUG HILL OPERATING.



1412 Kanawha Boulevard, East | Charleston, WV 25301 | 304,346,3952 254 East Beckley Bynass | Beckley, WV 25801 | 304,255,5296

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED

BY THE DIVISION OF ENVIRONMENTAL PROTECTION. P.S 849

MINIMUM DEGREE FILE NO. 8911P11HUR5.dwg OF ACCURACY

HUDSON S-11HU REV6

1" = 2000 SCALE HORIZONTAL & VERTICAL DGPS (SURVEY GRADE TIE TO CORS NETWORK) CONTROL DETERMINED BY

CTOR MO
ICENS
No. 849
STATE OF
STONAL SURING STATES TOPOGRAPHIC MAPS. OPERATORS WELL NO._ HUDSON S-11HU API WELL COUNTY

(+) DENOTES LOCATION OF WELL ON UNITED

STATE OF WEST VIRGINIA DIVISION OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS



COUNTY

		Page 1 to 10		Grand State 1
LOCAT	ION: ELEVATION	GROUND = 1,370.20' PROPOSED = 1,344.81'	WATERSHED_	GRAVE CREEK (HUC 10)
TYPE:	OIL	GAS_X INJECTION	DISPOSAL	"GAS" PRODUCTION X STORAGE DEEP X SHALLOW

DISTRICT COUNTY MARSHALL CNX LAND LLC SURFACE OWNER _

GLEN EASTON 7.5 QUADRANGLE_ 106.935± ACREAGE _

CHARLENE L. BAKER, ET AL ROYALTY OWNER -

106.935± ACREAGE _ SEE WW-6A1 LEASE NO. _

PROPO	SED WO	ORK:
DDILL	X	cc

CONVERT __ _ DRILL DEEPER __ REDRILL FRACTURE OR STIMULATE X PLUG OFF OLD

_ PLUG AND ABANDON _ FORMATION ____ PERFORATE NEW FORMATION ___ CLEAN OUT AND REPLUG_ POINT PLEASANT PHYSICAL CHANGE IN WELL (SPECIFY) TARGET FORMATION _

WELL OPERATOR TUG HILL OPERATING, LLC

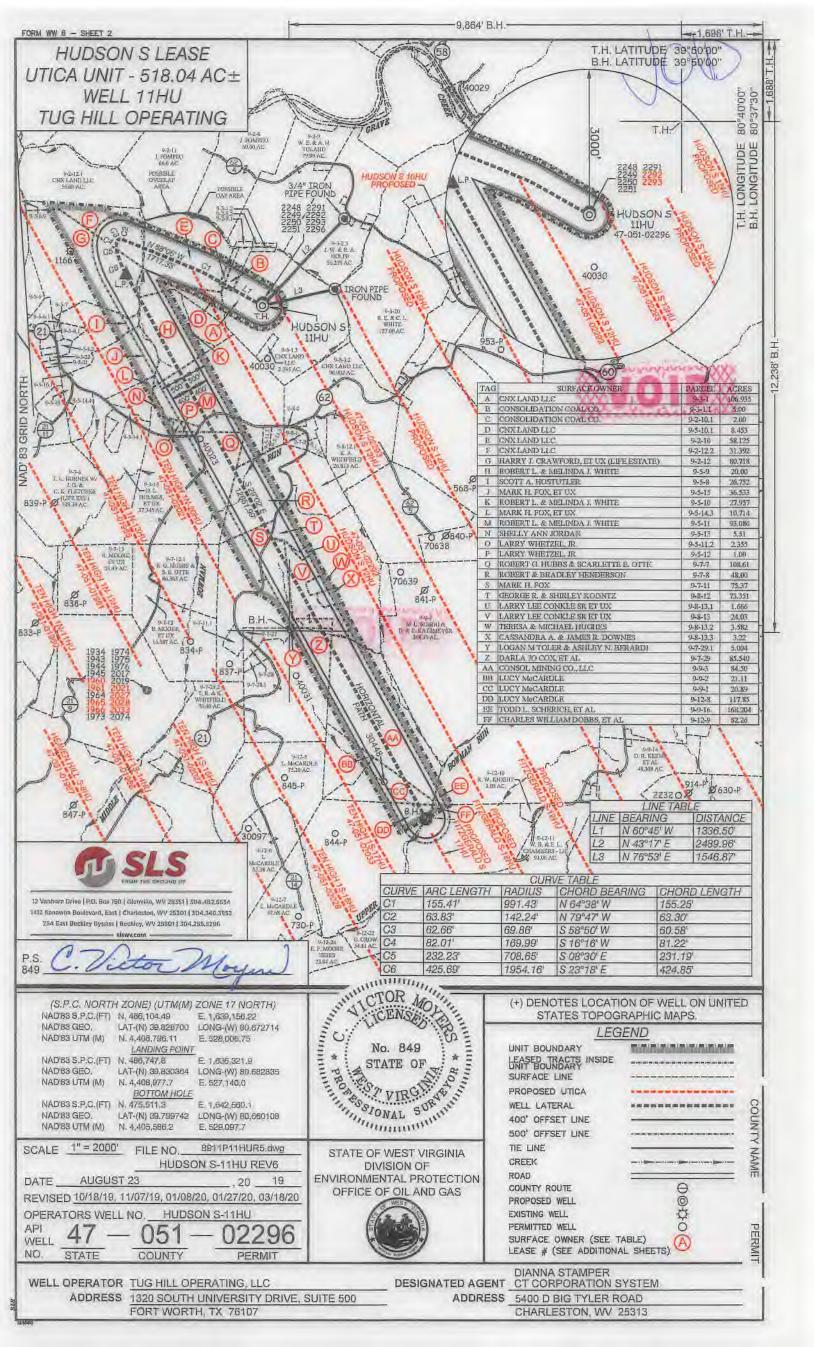
DESIGNATED AGENT

DIANNA STAMPER CT CORPORATION SYSTEM 5400 D BIG TYLER ROAD

ESTIMATED DEPTH_ TVD: 11,901' / TMD: 25,605'

ADDRESS 1320 SOUTH UNIVERSITY DRIVE, SUITE 500 FORT WORTH, TX 76107

CHARLESTON, WV 25313



HUDSON S LEASE UTICA UNIT - 518.04 AC± WELL 11HU TUG HILL OPERATING



12 Vahltorn Drive | P.O. Box 150 | Glenville, WV 26351 | 304.462.5534 1412 Kanawha Boulevard, East | Charleston, WV 25301 | 304.346.3952 254 East Beckley Bypass | Beckley, WV 25801 | 304.255.5296 stawkcom

NO.	Lease ID	Parcel	Tags	Grantor, Lessor, Etc.	Deed Bo	ok/Page
1	10*26041	9-3-1	Α	FREDDIE C WHITE AND VIOLET L WHITE, ET AL	728	527
2	10*26044	9-3-1.1	В	JOYCE A WALLACE, ET AL	863	296
3	10*26711	9-2-10.1	C	CNX GAS COMPANY LLC	1039	1
4	10*26001	9-5-10.1	D	FREDDIE C WHITE AND VIOLET L WHITE	655	555
5	10*26001	9-2-10	E	FREDDIE C WHITE AND VIOLET L WHITE	655	555
6	10*26000	9-2-12.2	F	HARRY J CRAWFORD AND DONNA JEAN CRAWFORD, LIFE ESTATE, ET AL	661	156
7	10*25000	9-2-12	G	HARRY J CRAWFORD AND DONNA JEAN CRAWFORD, LIFE ESTATE, ET AL	661	156
8	10*26001	9-5-9	Н	FREDDIE C WHITE AND VIOLET L WHITE	655	555
9	10*19206	9-5-8	1	SCOTT A HOSTUTLER	724	208
10	10*19005	9-5-15	1	MARK H. FOX AND RETTA J. FOX, HIS WIFE	687	598
11	10*26001	9-5-10	K	FREDDIE C WHITE AND VIOLET L WHITE	655	555
12	10*19005	9-5-14.3	L	MARK H. FOX AND RETTA J. FOX, HIS WIFE	687	598
13	10*24424	9-5-11	M	THE FAYE A SKOIEN REVOCABLE TRUST, ET AL	1024	291
14	10*26002	9-5-13	N	GEORGIA JORDAN LIFE ESTATE AND SHELLY ANN JORDAN REMAINDERMAN	687	616
15	10*24424	9-5-11.2	0	THE FAYE A SKOIEN REVOCABLE TRUST, ET AL	1024	291
16	10*47051.188.0	9-5-12	P	LARRY J WHETZEL JR	869	216
17	10*15503	9-7-7	Q	ROBERT HUBBS	677	521
18	10*26003	9-7-8	R	ROBERT HENDERSON AND DEBRA HENDERSON, HUSBAND & WIFE, AND BRADLEY HENDERSON	697	215
19	10*47051.094.0	9-7-11	5	MARK H FOX	864	163
20	10*47051.208.0	9-8-12	T	SHIRLEY KOONTZ POA KELLI KOONTZ BENLINE	869	222
21	N/A	9-8-13.1	U	LARRY L CONKLE AND DONNA D CONKLE, HUSBAND AND WIFE	1068	299
22	N/A	9-8-13	V	LARRY L CONKLE AND DONNA D CONKLE, HUSBAND AND WIFE	1068	299
23	10*47051.150.1	9-8-13.2	W	MICHAEL J HUGHES & TERESA A HUGHES	865	309
24	N/A	9-8-13.3	X	LARRY L CONKLE AND DONNA D CONKLE, HUSBAND AND WIFE	1068	299
25	10*15524	9-7-29.1	Y	CAROL J ANDERSON ETAL	901	563
26	10*15524	9-7-29	Z	CAROL J ANDERSON ETAL	901	563
27	10*47051.304.0	9-9-3	AA	UNITED BANK INC	905	5
28	10*23386	9-9-2	ВВ	UNK HEIRS OF EDITH CARMICHAEL BY HERMAN LANTZ, ESQ AS SPEC COMMISSIONER, ET AL	1008	68
29	10*23386	9-9-1	CC	UNK HEIRS OF EDITH CARMICHAEL BY HERMAN LANTZ, ESQ AS SPEC COMMISSIONER, ET AL	1008	68
30	10*47051.289.1	9-12-8	DD	JANICE M HIXSON AND HARRY C HIXSON, ET AL	898	461
31	10*19987	9-9-16	-	LESLEY D BALLA, ET AL	955	103
32	10*15999	9-12-9	FF	CHARLES W DOBBS ET AL	702	171



FILE NO. 8911P11HUR5.dwg HUDSON S-11HU REV6

DATE AUGUST 23

REVISED 10/18/19, 11/07/19, 01/08/20, 01/27/20, 03/18/20

OPERATORS WELL NO.

HUDSON S-11HU

WELL STATE NO.

COUNTY

PERMIT

No. 849
STATE OF
VIRCLESSONAL SORMAL

STATE OF WEST VIRGINIA DIVISION OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS



P.S.

WELL OPERATOR TUG HILL OPERATING, LLC

ADDRESS 1320 SOUTH UNIVERSITY DRIVE, SUITE 500

FORT WORTH, TX 76107

DESIGNATED AGENT DIANNA STAMPER CT CORPORATION SYSTEM

ADDRESS 5400 D BIG TYLER ROAD CHARLESTON, WV 25313

OD

INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE Chapter 22, Article 6A, Section 5(a)(5) IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that –

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
Hamber	Grantor, Ecosor, etc.	Grantee, Dessee, etc.	recyalty	Doole i age

*See attached pages

Acknowledgement of Possible Permitting/Approval In Addition to the Office of Oil and Gas

The permit applicant for the proposed well work addressed in this application hereby acknowledges the possibility of the need for permits and/or approvals from local, state, or federal entities in addition to the DEP, Office of Oil and Gas, including but not limited to the following:

- WV Division of Water and Waste Management
- WV Division of Natural Resources WV Division of Highways
- U.S. Army Corps of Engineers
- U.S. Fish and Wildlife Service
- County Floodplain Coordinator

The applicant further acknowledges that any Office of Oil and Gas permit in no way overrides, replaces, or nullifies the need for other permits/approvals that may be necessary and further affirms that all needed permits/approvals should be acquired from the appropriate authority before the affected activity is initiated.

Well Operator:	Tug Hill Operating, LLC	
By:	Amy L. Miller MW Muller	
Its:	Permitting Specialist - Appalachia Region	

WW-6A1	Supp	lement
88 88 OLIV	Och	

Lease ID	Parcel	Tags	Grantor, Lessor, Etc.	Grentee, Lessee Etcl	Royalty	Deed B	ook/Page	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment
10*26041	931	5	Grantor, Lessor, Etc. Office MAR MAR FREDGIE C WHITE AND VIOLET L WHITE LOYCE A WALLACE	N CHOAPEAKE APPALACH	1, 1/8+	728	527	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		nia Statoil USA Onshore Properties Inc to	Chesapeake Appalaci	hia Chevron USA Inc to TH Inc: Exploration II LLC & TH Exploration LLC: 43/95
10*26044	9-3-1		JOYCE A WALLACE	CHEVRON USA INC	1/8*	863	296	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26047	9-3-1	A	ROBERT D BLAKE AND ATHENA LIBERTY BLAKE	CHEVRON USA INC	1/8-	863	138	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26048	9-3-1	A	LOIS J ELIAS AND LOUIS J ELIAS	CHEVRON USA INC	1/8+	861	599	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26049	9-3-1	A	MARY H HUBBS	CHEVRON USA INC	1/8+	863	560	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26050	9-3-1	A	BERNARD O CROW AND KAREN S CROW	CHEVRON USA INC	1/8+	863	627	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26051	9/3-1	A	ROBERT W KIDNER	CHEVRON USA INC	1/8+	863	644	N/A.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26052	9-3-1	A	BETTY J BLAKE	CHEVRON USA INC	1/6+	863	545	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26053	9-3-1	A	ANTHONY T MOORE	CHEVRON USA INC	1/8+	854	343	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26054	9-9-1	A	HIRAM VERNON MOORE	CHEVRON USA INC	1/8+	854	353	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26055	9-3-1	A	LARRY W MOORE SR	CHEVRON USA INC	1/8+	854	348	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26056	9-3-1	A	RONALD W MOORE	CHEVRON USA INC	1/8+	854	338	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26057	9-3-1	A	JOHN PURDY AND BRENDA'S PURDY	CHEVRON USA INC	1/8+	854	420	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26058	9-3-1	A	CAROLE J WOOD	CHEVRON USA INC	1/8+	854	415	N/A	N/A	N/Ā	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26059	9-3-1	A	TERRY L BLAKE	CHEVRON USA INC	1/8+	854	215	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26060	9-3-1	Á	ROBERT C BLAKE AND LYN BLAKE	CHEVRON USA INC	1/8+	B54	333	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration ILLC & TH Exploration LLC: 43/95
10*26061	9-3-1	А	RODNEY W AND LINDA L HUBBS	CHEVRON USA INC	1/8+	854	435	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26062	9-3-1	A	SHANNON ROGER AND LORRAINE HUBBS	CHEVRON USA INC	1/8+	854	233	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26063	9-3-1	A	PATTY L RINE AND FLOYD D RINE	CHEVRON USA INC	1/8+	854	238	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95

10*25082

9-3-1 A BRIAN C AND SARA M LUTZ

Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95

N/A

WW-6A1	Supple	ement									C	MAR 19 WY Depar	SOSO Gas				Operato	r's Well No	. <u>Hudson S - 11HL</u>
10*26064	9-3-1	CATHARINE LEE BLAKE	CHEVRON USA INC	1/8+	863	550	N/A	N/A	N/A	N/A	N/A	Wy Deba	al Prote	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26065	9-3-1	A DENN'S F MOORE JOLENE A MOORE	CHEVRON USA INC	1/8+	857	646	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26066	9-3-1	A DANNY E AND MARVA L BEYSER	CHEVRON USA INC	1/6+	858	36	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26067	9-3-1	A DONALD DEAN BEYSER	CHEVRON USA INC	1/8+	858	41	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26068	9-3-1	A GARY F BLAKE AND DORIS E BLAKE	CHEVRON USA INC	1/8+	858	31	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26069	9-3-1	A MARILYN SUE REILLEY	CHEVRON USA INC	1/8+	857	597	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26070	9-3-1	A MARY W HOLMES	CHEVRON USA INC	1/8+	857	602	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26071	9-3-1	A CHARLENE LORRAINE BAKER	CHEVRON USA INC	1/8+	857	507	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration ITLLC & TH Exploration LLC: 43/95
10*26072	9-3-1	A JAMES L BLAKE	CHEVRON USA INC	1/8+	857	616	N/A.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26073	9-3-1	A DARLENE L BEYSER	CHEVRON USA INC	1/8+	860	176	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevran USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26074	9-3-1	A RANDYLYN MOORE AKA RANDY MOORE	CHEVRON USA INC	1/8+	860	166	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26075	9-3-1	A BETTY JOANN CECIL	CHEVRON USA INC	1/8+	850	119	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26076	9-3-1	A DORIS IMOGENE GARRISON	CHEVRON USA INC	1/8+	860	114	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26077	9-3-1	A DOROTHY J AND ROBERT M BLAKE	CHEVRON USA INC	1/8+	860	104	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*25078	9-3-1	A VELMA BUTH HARRIS	CHEVRON USA INC	1/8+	850	228	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26079	9-3-1	A MARY O'DESSA HARRIS LOUDEN	CHEVRON USA INC	1/8+	860	109	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26080	9-3-1	.A. SHARON DIANE HOLMES JAHN AND WILLILAM HENRY JAHN III - W/I	H CHEVRON USA INC	1/8+	860	217	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26081	9-3-1	A CYNTHIA JEAN AND EDDIE W WILSON	CHEVRON USA INC	1/8+	861	545	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95

N/A

N/A

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Operator's Well No. <u>Hudson S - 11HU</u>

)											Office	0 305/)					
10*26083	961	A) WILLIAM'S BLAKE JR	CHEVRON USA INC	1/8+	861	535	N/A	N/A	N/A	N/A	N/A	N/A N	AR 1 3	t of tion	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration ILLC & TH Exploration LLC: 43/95
10*26084	9-3-1		CHEVRON USA INC	1/8+	889	46	N/A	N/A	N/A	N/A	N/A	N/A E	AR 19 2020	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26085	9-3-1	A CLYDER AND JANA HIGGINS	CHEVRON USA INC	1/6+	861	508	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A.	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26086	9-3-1	A DELMAS W AND ROSE HIGGINS	CHEVRON USA INC	1/8+	861	503	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26087	9-3-1	A JERRY LAND DENISE HIGGINS	CHEVRON USA INC	1/8+	861	526	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*25088	9-3-1	A SHIRL W AND DOR'S HIGGINS	CHEVRON USA INC	1/8+	861	540	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26089	9-3-1	A ALVA LAND SHIRLEY HIGGINS	CHEVRON USA INC	1/8+	861	521	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26090	9-3-1	A H DEAN AND KAREN HIGGINS	CHEVRON USA INC	1/8+	861	516	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*25091	9-3-1	A JOELENE M MANN	CHEVRON USA INC	1/8+	864	55	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26092	9-3-1	A SHAWN J AND SARAH E CREWS	CHEVRON USA INC	1/8+	864	50	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevran USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26093	9-3-1	A JOYCE HOLMES CONE AND WILLIAM CONE - W/H	CHEVRON USA INC	1/8÷	861	493	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26094	9-3-1	A MARK L CURRY	CHEVRON USA INC	1/8+	865	102	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26095	9-3-1	A CHRISTINA C MUNSON	CHEVRON USA INC	1/8+	865	107	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26097	9-3-1	A DAVID L BEYSER	ČHEVRON USA INC.	1/8+	865	173	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26098	9-3-1	A KIMBERLY J HOLDER	CHEVRON USA INC.	1/8+	867	87	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26099	9-3-1	A CAROL TROWBRIDGE ET VIR	CHEVRON USA INC	1/8+	866	135	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26100	9-3-1	A JOSEPH LAND HOSE MARIE MAUPIN	CHEVRON USA INC	1/8+	866	67	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26120	9-3-1	A JAMES D AND LINDA D YOCUM	CHEVRON USA INC	1/8+	884	635	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26121	9-3-1	A BETTY RRYNER	CHEVRON USA INC	1/8+	871	64	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95

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CHEVRON USA INC

B ROBERT D BLAKE AND ATHENA LIBERTY BLAKE

10*26047

1/8+ 863 138

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

Office of Oil and Gas Wypepartment of Protection Chevron USA Inc to TH Exploration II LLC & TH N/A N/A 10*26236 9-3-1 GERALD W QUIGLEY AND VICKI L'QUIGLEY CHEVRON USA INC 1/8+ 884 50 NICA N/a N/A N/A N/A N/A Exploration LLC: 43/95 Chevron USA Inc to TH Exploration II LLC & TH 889 40 N/A N/A N/A N/A N/A 10*26237 FREDA L CAMPBELL CHEVRON USA INC 1/8+ N/A N/A N/A Exploration LLC: 43/95 Exploration II LLC & TH 9-3-1 A MARSHA L MERCER CHEVRON USA INC 1/8+ 883 639 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A Exploration LLC: 43/95 10*26238 Chevron USA Inc to TH Exploration II LLC & TH 542 N/A CHEVRON USA INC 1/8+ RRR N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A IVAN R AND MARY A BLAKE Exploration LLC: 43/95 10*25287 Chevron USA Inc to TH Exploration II LLC & TH 888 571 N/A CHEVRON USA INC N/A N/A N/A N/A N/A N/A A REBECCA J BLAKE 10*26288 9-3-1 Exploration LLC: 43/95 Chevron USA Inc to TH Exploration II LLC & TH 1/8+ N/A N/A N/A N/A 10*26289 9-3-1 A DUANETTA B BLAKE FROMHART CHEVRON USA INC 888 574 N/A N/A N/A N/A N/A N/A N/A Exploration LLC: 43/95 Chevron USA Inc to TH Exploration II LLC & TH 9-3-1 A BARBARA A BLAKE MASON CHEVRON USA INC 1/8+ 901 125 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A 10*26291 Exploration LLC: 43/95 hevron USA Inc to TH Exploration II LLC & TH 882 N/A N/A N/A N/A 9-3-1 A JUDITH L BLAKE CHEVRON USA INC 329 N/A N/A N/A xploration LLC: 43/95 10*26292 Chevron USA Inc to TH Exploration II LLC & TH 433 CHEVRON USA INC. 1/8+ 882 N/A N/A N/A N/A N/A N/A N/A 10*26293 9-3-1 A JAY C CURRY N/A N/A Exploration LLC: 43/95 Chevron USA Inc to TH Exploration II LLC & TH A JOAN A GIEGER CHEVRON USA INC 1/8+ 890 509 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A Exploration LLC: 43/95 9-3-1 10*26294 hevron USA Inc to TH Exploration II LLC & TH 880 512 N/A N/A N/A N/A N/A N/A N/A 9-3-1 ARTHUR LEE WARYCK CHEVRON USA INC N/A N/A N/A N/A Exploration LLC: 43/95 10*26295 Chevron USA Inc to TH Exploration II LLC & TH CHEVRON USA INC 1/8+ 883 530 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A CARL G CALDWELL N/A 10*26296 9-3-1 Exploration LLC: 43/95 Chevron USA Inc to TH Exploration II LLC & TH A DIANA L MCKINNEY CHEVRON USA INC. 1/8+ 885 560 N/A N/A N/A N/A N/A N/A N/A N/A 10*26297 9-3-1 Exploration LLC: 43/95 Chevron USA Inc to TH Exploration II LLC & TH 1/8+ 886 429 N/A N/A N/A N/A N/A N/A N/A N/A 10*26298 9-3-1 A JANE HENDRICKSON CHEVRON USA INC N/A N/A N/A xploration LLC: 43/95 hevron USA Inc to TH Exploration II LLC & TH A BETTY WILKINSON DANIEL A MCVANE AIF CHEVRON USA INC 1/8+ 886 432 N/A N/A N/A N/A N/A xploration LLC: 43/95 10*26299 9-3-1 Chevron USA Inc to TH Exploration II LLC & TH N/A N/A CHEVRON USA INC. 439 N/A N/A N/A N/A N/A N/A A JILL LORI HENNEN BARNETT 886 N/A Exploration LLC: 43/95 10*26300 A TAMALA SCOLLICK TH EXPLORATION LLC 1/8+ 1053 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A 10*27180 10*27181 9-3-1 9-3-1 A CRYSTAL THOMAS TH EXPLORATION LLC 1/8+ 1052 648 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A 9-3-1 A DOROTHY MAXINNE MOORE TRUST TH EXPLORATION LLC 1061 255 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A 10*27703 Chevron USA Inc to TH Exploration II LLC & TH N/A N/A N/A CHEVRON USA INC 863 296 N/A N/A N/A N/A N/A N/A 9-3-1.1 B JOYCE A WALLACE N/A Exploration LLC: 43/95 10*26044 Chevron USA Inc to TH

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Exploration II LLC & TH

Exploration LLC: 43/95

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10*25048	9-3-1.1	LOIS J ELIAS AND LOUIS J ELIAS	CHEVRON USA INC	1/8+	861	599	N/A	N/A	N/A	N/A	N/A	N/A	MAR 1	artment of artment of	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26049	9-3-1.3	B MARY HUBBS	CHEVRON USA INC	1/8+	863	560	N/A	N/A	N/A	N/A	N/A	N/A	Environn Environn	2020	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26050	9-3-1.1	B BERNARD O CROW AND KAREN S CROW	CHEVRON USA INC	1/8+	863	627	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26051	9-3-1.1	B ROBERT W KIDNER	CHEVRON USA INC	1/8+	863	544	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26052	9-3-1.1	B BETTY J BLAKE	CHEVRON USA INC	1/8+	863	545	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration ILLC & TH Exploration LLC: 43/95
10*26053	9-3-1.1	B ANTHONY T MOORE	CHEVRON USA INC	1/8*	854	343	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26054	9-3-1.1	B HIRAM VERNON MOORE	CHEVRON USA INC	1/8+	854	353	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26055	9-3-1.1	B LARRY W MOORE SR	CHEVRÔN USA INC	1/84	854	348	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26056	9-3-1.1	B RONALD W MOORE	CHEVRON USA INC	1/8+	854	338	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10°26057	9-3-1.1	B JOHN PURDY AND BRENDA 5 PURDY	CHEVRON USA INC	1/8+	854	420	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26058	9-3-1.1	B CAROLE J WOOD	CHEVRON USA INC	1/8*	854	415	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26059	9-3-1.1	B TERRYL BLAKE	CHEVRON USA INC	1/8+	854	215	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26060	9-3-1.1	B ROBERT C BLAKE AND LYN BLAKE	CHEVRON USA INC	1/8+	854	333	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26061	9-3-1.1	B RODNEY W AND LINGA LHUBBS	CHEVRON USA INC	1/8*	854	435	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26062	9-3-1.1	B SHANNON ROGER AND LORRAINE HUBBS	CHEVRON USA INC	1/8+	854	233	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26063	9-3-1.1	8 PATTY L RINE AND FLOYD D RINE	CHEVRON USA INC	1/8+	854	238	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26064	9-3-1.1	B CATHARINE LEE BLAKE	CHEVRON USA INC	1/8+	863	550	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26065	9-3-1.1	B DENNIS F MOORE JOLENE A MOORE	CHEVRON USA INC	1/8+	857	646	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26066	9-3-1.1	B DANNY E AND MARVA L BEYSER	CHEVRON USA INC	1/8+	858	36	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95

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10*26067	9-3-1.1) 8	DONALD DEAN BEYSER	CHEVRON USA INC	1/8+	858	41	N/A	N/A	N/A	N/A	N/A	N/A	MAR 1	partment of	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26068	9-3-1.1	В	GARY F BLAKE AND DORIS E BLAKE	CHEVRON USA INC	1/8+	858	31	N/A	N/A	N/A	N/A	N/A	N/A	Environm	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26069	9-3-1.1	В	MARILYN SUE REILLEY	CHEVRON USA INC	1/8+	857	597	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26070	9-3-1.1	В	MARY W HOLMES	CHEVRON USA INC	1/B+	857	602	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26071	9-3-1.1	В	CHARLENE LORRAINE BAKER	CHEVRON USA INC	1/8+	657	607	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26072	93-1.1	В	JAMES L BLAKE	CHEVRON USA INC	1/8+	857	616	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26073	9-3-1.1	В	DARLENE L BEYSER	CHEVRON USA INC	2/6+	860	176	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26074	9-3-1.1	В	RANDYLYN MOORE AKA RANDY MOORE	CHEVRON USA INC	1/8+	860	166	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26075	9-3-1.1	В	BETTY JOANN CECIL	CHEVRON USA INC	1/8+	850	119	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26076	9-3-1,1	В	DORIS IMOGENE GARRISON	CHEVRON USA INC	1/8+	860	114	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26077	9-3-1.1	Б	DOROTHY J AND ROBERT M BLAKE	CHEVRON USA INC	1/8+	860	104	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26078	9-3-1.1	В	VELMA RUTH HARRIS	CHEVRON USA INC	1/8+	860	228	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26079	9-3-1.1	В	MARY O'DESSA HARRIS LOUDEN	CHEVRON USA INC	1/8+	860	109	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26080	9-3-1.1	В	SHARON DIANE HOLMES JAHN AND WILULAM HENRY JAHN III - W/H	CHEVRON USA INC	1/8+	860	217	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26081	9-3-1.1	В	CYNTHIA JEAN AND EDDIF W WILSON	CHEVRON USA INC	1/8+	861	545	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26082	9-3-1.1	В	BRIAN C AND SARA M LUTZ	CHEVRON USA INC	1/8#	861	550	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26083	9-3-1,1	В	WILLIAM S BLAKE JR	CHEVRON USA INC	1/8+	861	535	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26084	9-3-1.1	В	CYNTHIA A AND JAMES O DAVIDSON	CHEVRON USA INC	1/8+	889	46	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26085	9-3-1.1	В	CLYDE R AND JANA HIGGINS	CHEVRON USA INC	1/8+	861	508	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC; 43/95

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10*26086	9-3-1.1) B	DELMAS W AND ROSE HIGGINS	CHEVRON USA INC	1/8+	861	503	N/A	N/A	N/A	N/A	N/A	N/A	MAR 1	artment of	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
0*25087	96-1.1	В	JERRY L AND DENISE HIGGINS	CHEVRON USA INC	1/8+	861	526	N/A	N/A	N/A	N/A	N/A	N/A	MAR 1 WY De	ental Pro-	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
0*26088	9-3-1-1	В	SHIRL W AND DORIS HIGGINS	CHEVRON USA INC	1/8+	861	540	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26089	9-3-1.1	8	ALVA L AND SHIRLEY HIGGINS	CHEVRON USA INC	1/8+	861	521	N/A.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
.a+26090	9-3-1.1	В	H DEAN AND KAREN HIGGINS	CHEVRON USA INC	1/8+	861	516	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26091	9-3-1.1	В	JOELENE M MANN	CHEVRON USA INC	1/8+	864	55	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26092	9-3-1.1	В	SHAWN I AND SARAH E CREWS	CHEVRON USA INC	1/8+	864	50	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & 1H Exploration LLC: 43/95
10*26093	9-3-1.1	Б	JOYCE HOLMES CONE AND WILLIAM CONE - W/H	CHEVRON USA INC	1/8+	861	493	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95.
10*26094	9-3-1.1	В	MARKLCURRY	CHEVRON USA INC	1/8+	865	102	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26095	9-3-1.1	В	CHRISTINA C MUNSON	CHEVRON USA INC	1/8+	865	107	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26097	9-3-1.1	В	DAVID L BEYSER	CHEVRON USA INC	1/8+	865	173	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26098	9-3-1-1	В	KIMBERLY J HOLDER	CHEVRON USA INC	1/8+	867	87	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26099	9-3-1.1	В	CAROL TROWBRIDGE ET VIR	CHEVRON USA INC	1/8+	866	138	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26100	9-3-1.1	В	JOSEPH L AND ROSE MARIE MAUPIN	CHEVRON USA INC	1/8+	866	67	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26120	9-3-1.1	Б	JAMES D AND LINDA D YOCUM	CHEVRON USA INC	1/8+	.884	635	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26121	9-3-1,1	В	BETTY BRYNER	CHEVRON USA INC	1/6+	871	64	N/A	N/A	N/A.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26236	9-3-1.1	В	GERALD W QUIGLEY AND VIČKI L QUIGLEY	CHEVRON LISA INC	1/8+	884	50	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26237	9-3-1.1	В	FREDA L CAMPBELL	CHEVRON USA INC	1/8+	889	40	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26238	9-3-1.1	B	MARSHA L MERCER	CHEVRON USA INC	1/8+	883	639	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95

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0*26287	3-1.1)	IVAN R AND MARY A BLAKE	CHEVRON USA INC	1/8+	888	542	N/A	N/A	N/A	N/A	N/A	N/A		Department Prof	of ection	N/A	N/A	N/A	Chevron USA Inc to Ti Exploration II LLC & Ti Exploration LLC: 43/5
*26288	9-3-1.1	В	REBECCA J BLAKE	CHEVRON USA INC	1/8+	888	571	N/A	N/A	N/A	N/A	N/A	N/A	Envi	Deberral	N/A	N/A	N/A	N/A	Chevron USA Inc to 1 Exploration II LLC & 1 Exploration LLC: 43/
*26289	9-3-1.1	В	DUANETTA B BLAKE FROMHART	CHEVRON USA INC	1/8+	888	574	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to T Exploration II LLC & T Exploration LLC: 43/
o*26291	9-3-1.1	В	BARBARA A BLAKE MASON	CHEVRON USA INC	1/8*	901	125	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to Ti Exploration II LLC & Ti Exploration LLC: 43/5
0*26292	9-3-1.1	В	JUDITH L BLAKE	CHEVRON USA INC.	1/8+	882	329	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to Ti Exploration II LLC & Ti Exploration LLC: 43/9
D*26293	9-3-1.1	Б	JAY C CURRY	CHEVRON USA INC	1/8+	882	433	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TI Exploration II LLC & TI Exploration LLC: 43/9
0*26294	9-3-1.1	В	JOAN A GIEGER	CHEVRON USA INC	1/8*	880	509	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/9
.0*26295	9-3-1.1	В	ARTHUR LEE WARYCK	CHEVRON USA INC	1/8+	880	512	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/9
10*262 96	9-3-1.1	В	CARL G CALDWELL	CHEVRON USA INC	1/8+	883	530	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/9
10*26297	9-3-1.1	В	DIANA L MCKINNEY	CHEVRON USA INC	1/8+	885	560	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to THE Exploration II LLC & THE Exploration LLC: 43/9
10*26298	9-3-1.1	В	JANE HENDRICKSON	CHEVRON USA INC.	1/8+	886	429	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to The Exploration II LLC & TI Exploration LLC: 43/9
10*26299	9-3-1.1	В	BETTY WILKINSON DANIEL A MCVANE AIF	CHEVRON USA INC	1/8-	886	432	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to Tr Exploration ILLLC & Tr Exploration LLC: 43/9
10*26300	9-3-1.1	В	JILL LORI HENNEN BARNETT	CHEVRON USA INC	1/8+	886	439	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to Th Exploration II LLC & Th Exploration LLC: 43/9
10*26711 10*27180		В	CNX GAS COMPANY LLC TAMALA SCOLLICK	TH EXPLORATION LLC		1039 1053		N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
10*27181	9-3-1.1		CRYSTAL THOMAS	TH EXPLORATION LLC	1/8+	1052	648	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
0*27703			DOROTHY MAXINNE MOORE TRUST	TH EXPLORATION LLC		1061		N/A N/A	N/A	N/A	N/A N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
0*26711	9-2-10.1		CNX GAS COMPANY LLC FREDDIE C WHITE AND VIOLET L WHITE	TH EXPLORATION LLC TRIENERGY, INC.	1/8+		555	N/A	N/A	N/A	N/A	N/A TriEnergy Inc to AB Resources LLC: 19/62:	N/A AB Resources LLC to Chief Exploration & Development LLC: 3 666/40	N/A FriEnergy Inc to TriEnergy Holdings LIC: 21/148			N/A Chief E&D LLC, Chief O/G LLC, Eadler 2000 Le E Enerplus to Chevron USA Inc: 25/1 & 25/10:	Chevron USA Inc:	N/A TriEnergy Holdings LLC & TriEnergy Inc to Chevron USA Inc: 28/356	N/A Chevron USA Inc to T Exploration II LLC & T Exploration LLC: 43/9
											5.	TriEnergy Inc to AB	AB Resources LLC to Chief Exploration & Development LLC:	TriEnergy Inc to TriEnergy		Chief E&D LLC & Radie	er & Enerplus to Chevron	Chevron USA Inc:	TriEnergy Holdings LLC & TriEnergy Inc to Chevron USA Inc:	Chevron USA Inc to The Exploration II LLC & To
10*26001	9-2-10		FREDDIE C WHITE AND VIOLET L WHITE HARRY J CRAWFORD AND DONNA JEAN CRAWFORD, LIFE ESTATE, ET	TRIENERGY, INC.	1/8+	655	555	N/A-	N/A	N/A	N/A TriEnergy Inc to AB	AB Resources LLC: 19/623 AB Resources LLC to Chief Exploration & Development LLC:	TriEnergy Inc to	AB Resources LLC to Chief: E&D LLC & Radler 2000 LP	Chief E&D LLC & Radier 2000 LP to Enerplus Resources USA Corp:		USA Inc: 25/1 & 25/10: Chief E&D LLC, Chief O/G LLC, Eadler 2000 Lier & Enerplus to Chevron	AB Resources LLC to Chevron USA Inc:	28/356 TriEnergy Holdings LLC & TriEnergy Inc to Chevron USA Inc.	Chevron USA Inc to T Exploration II LLC & T
10*25000	9-2-12.2		AL HARRY J CRAWFORD AND DONNA JEAN CRAWFORD, LIFE ESTATE, ET	TRIENERGY, INC.	1/8+		156	N/A	N/A	N/A	Resources LLC: 20/252 TriEnergy Inc to AB	AB Resources LLC to Chief Exploration & Development LLC:	71/148 TriEnergy Inc to TriEnergy Holdings LLC	AB Resources LLC to Chief E&D LLC & Radler 2000 LP	Chief E&D LLC & Radler 2000 LP to Enerplus Resources USA Corp:	AB Resources LLC to Chief E&D LLC & Radie	USA Inc: 25/1 & 25/10: Chief E&D LLC, Chief O/G LLC, Radier 2000 LP & Enerplus to er Chevron USA Inc: 25/1	AB Resources LLC to Chevron USA Inc:	28/356 TriEnergy Holdings LLC & TriEnergy Inc to Chevron USA Inc:	Exploration LLC: 43/9 Chevron USA Inc to The Exploration II LLC & Ti
10*26000	9-2-12	G		TRIENERGY, INC.	1/8+	561	156	N/A	N/A	N/A	Resources LLC: 20/252		21/148	21/319	685/643 & 21/520	2000 LP: 24/319	& 25/105	756/397	28/356	Exploration LLC: 43/

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10*26001	95.9	2	EREDDIE C WHITE AND VIOLET L WHITE	TRIENERGY, INC.	1/8+	655	555	N/A	N/A	MAR 19 202	t of tection	TriEnergy Inc to AB Resources LLC: 19/623	AB Resources LLC to Chief Exploration & Development LLC: 666/40	TriEnergy Inc to TriEnergy Holdings LLC: 21/14B	Chief E&D LLC & Radler 2000 LP to Enerplus Resources USA Corp: 685/643 & 21/520	AB Resources LLC to Chief E&D LLC & Radies 2000 LP: 24/319	Chief E&D 1LC, Chief O/G LLC, Radier 2000 LP & Enerplus to Chevron USA inc: 25/1 & 25/105	AB Resources LLC to Chevron USA Inc: 756/397	TriEnergy Holdings LLC & TriEnergy Inc to Chevron USA Inc: 28/356	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
	7						1		Er	MILO				TriEnergy Holdings LLC to	NPAR LLC to Chevron	NPAR LLC to Chevron	NPAR LLC to Chevron	Chevron USA Inc to TH Exploration LLC:	Chevron USA Inc to TH Exploration LLC:	Chevron USA Inc to TH Exploration II LLC & TH
10*19206	9-5-8	1	SCOTT A HOSTUTLER	TRIENERGY HOLDINGS, L	1/8+	724	208	N/A	N/A	N/A	N/A	N/A	N/A	NPAR LLC: 25/463	USA Inc: 26/269	USA Inc: 756/307	USA Inc: 800/236	40/127	42/435	Exploration LLC: 43/95
10*19005	9-5-15	1	MARK H. FOX AND RESTA J. FOX, HIS WIFE	TRIENERGY HOLDINGS, LI	1/8+	687	598	N/A	N/A	N/A	N/A	N/A	N/A	TriEnergy Holdings LLC to NPAR LLC: 23/74	AB Resources & NPAR LLC to Chief Exploration & Development LLC and Radler 2000 LP: 24/490	Chevron USA Inc: 25/1	USA Inc: 756/332	TriEnergy Holdings LLC & TriEnergy Inc to Chevron USA Inc: 28/356	Chevron USA Inc to TH Exploration LLC: 40/127	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*25001	9-5-10	к	FREDDIE C WHITE AND VIOLET I. WHITE	TRIENERGY, INC.	1/8+	655	555	N/A	N/A	N/A.	N/A	TriEnergy Inc to AB Resources LLC: 19/623	AB Resources LLC to Chief Exploration & Development LLC: 666/40	TriEnergy Inc to TriEnergy Holdings LLC: 21/148	Chief E&D LLC & Radler 2000 LP to Encrplus Resources USA Corp: 685/643 & 21/520	AB Resources LLC to Chief E&D LLC & Radler 2000 LP: 24/319	Chief E&D LLC, Chief O/G LLC, Radier 2000 LP & Enerplus to Chevron USA Inc: 25/1 & 25/105	AB Resources LLC to Chevron USA Inc: 756/397	TriEnergy Holdings LLC & TriEnergy Inc to Chevron USA Inc: 28/356	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*19005	9-5-14-3		MARK H. FOX AND RETTA J. FOX, HIS WIFE	TRIENERGY HOLDINGS, U	1/8+	587	598	N/A	N/A	N/A	N/A	N/A	N/A	TriEnergy Holdings LLC to NPAR LLC: 23/74	AB Resources & NPAR LLC to Chief Exploration & Development LLC and Radler 2000 LP: 24/490	Chevron USA Inc; 25/1	NPAR LLC to Chevron USA Inc: 756/332	TriEnergy Holdings LLC & TriEnergy Inc to Chevron USA Inc: 28/356	Chevron USA Inc to TH Exploration LLC: 40/127	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*24424	9-5-11		THE FAYE A SKOIEN REVOCABLE TRUST	TH EXPLORATION LLC	1/8+		291	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*24578 10*27907			FRANK E WHITMAN JR AND GAYLE WHITMAN JOSIE FAUST	TH EXPLORATION LLC TH EXPLORATION LLC	1/8+		241 NDING	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
10*27907			IONATHAN FAUST	TH EXPLORATION LLC	1/8+		NDING	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*27911	9-5-11	M	DIANE BONAR	TH EXPLORATION LLC	1/8+		NDING	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*27913	9-5-11	M	MINA BELROSE BONAR	TH EXPLORATION LLC	1/8+		NDING	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*27915 10*24973	9-5-11		GARY THOMAS WILLIAMSON JR. IVA K BONAR	TH EXPLORATION LLC TH EXPLORATION LLC	1/8+	1028	DING 577	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
10*25001	9-5-11	м	FREDDIE C WHITE AND VIOLET L WHITE	TRIÉNERGY, INC.	1/8+	655	555	N/A	N/A	N/A	N/A	TriEnergy Inc to AB Resources LLC: 19/623	A8 Resources LLC to Chief Exploration & Development LLC: 666/40	TriEnergy Inc to TriEnergy Holdings LLC: 21/148	Chief E&D LLC & Hadler 2000 LP to Enerplus Resources USA Corp: 685/643 & 21/520	AB Resources LLC to Chief E&D LLC & Radier 2000 LP: 24/319	Chief E&D LLC, Chief O/G LLC, Eadler 2000 U & Enerplus to Chevron USA Inc: 25/1 & 25/10	Chevron USA Inc:	TriEnergy Holdings LLC & TriEnergy Inc to Chevron USA Inc: 28/356	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26096	9-5-11	м	GRACE LAURA BONAR	CHEVRON USA INC	1/8+	865	198	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26101	9-5-11	м	BARBARA LOIS HADLEY	CHEVRON USA INC	1/8+	868	21	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26102	9-5-11	м	JOHN WILLIAM GRAVES AND DLIVIA MAE GRAVE	CHEVRON USAINC	1/8+	871	391	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26103	9-5-11	м	ROBERT GLENN BONAR	CHEVRON USA INC	1/8+	868	92	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26104	9-5-11		JAMES MCPHERSON SCHILLING	CHEVRON USA INC	1/8+	858	202	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26105	9-5-11	м	LESTER D FAUST	CHEVRON USA INC	1/8+	870	560	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26106	9-5-11	М	RICHARD CHRIS BOGATKO	CHEVRON USA INC	1/8+	870	557	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26128	9-5-11	M	WILLIAM A BRUNNER JR AND JOYCE A BRUNNER	CHEVRON USA INC	1/8+	BBB	30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26129	9-5-11	M	MARJORIE JARETTA FAUST	CHEVRON USA INC	1/8+	888	10	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A_	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95

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10*26167	9-5-11		FRANK E DAY	CHEVRON USA INC	1/8+	871	5B3	N/A	N/A	MAK	partment of	on N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26201	9-5-21	M		CHEVRON USA INC	1/8+	888	21	N/A	N/A	MAR 1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26702	9-5-11	1	LOTA JO MITCHELL AND DAVID S MITCHELL	CHEVRON USA INC	1/8+	888	27	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26306	9-5-11	M	DAVID L BONAR	CHEVRON USA INC	1/8+	890	475	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26308	9-5-11	М	HARRY A SALO AND BETTY A SALO	CHEVRON USA INC	1/8+	894	395	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26309	9-5-11	М	STEVEN ALAN ARMIGER	CHEVRON USA INC	1/8+	891	69	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26310	9-5-11	м	KATHERINE ANN LUONGO FAIRBROTHER	CHEVRON USA INC	1/8+	901	38	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26313	9-5-11	M	JOSEPH M DURINSKY	CHEVRON USA INC	1/8+	893	244	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26314	9-5-11	М	ROBIN KACHELE	CHEVRON USA INC	1/8+	893	180	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26337	9-5-11	м	KATHLEEN ELAINE ALEXANDRA SHIREY	CHEVRON USA INC	1/8+	901	134	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC; 43/95
1D*26345	9-5-11	м	SHARON LOUISE EVANS	CHEVRON USA INC	1/8+		597	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26806	9-5-11	М	JASON R FREID	TH EXPLORATION LLC		1045		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A Chevron USA Inc to TH Exploration II LLC & TH
10*27483	9-5-11	M	SARI FAUST	CHEVRON USA INC	1/8+		490.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH
10*27496	9-5-11	M	RICHARD SCOTT WILLIAMSON	CHEVRON USA INC	1/8+	888	24	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH
10*27501			ELEANOR MARGO MORRIS BARBARA L BYRNE TRUSTEE OF THE JOINT REVOCABLE TRUST	CHEVRON USA INC	1/8+	14	472	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH
10*27502			AGREEMENT DTD 5/23/2006	CHEVRON USA INC	1/8+		610	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A.	Exploration LLC: 43/95 Chevron USA Inc to TH Exploration II LLC & TH
10*27504	9-5-11	М	INTERNATIONAL WOMENS AIR AND SPACE MUSEUM INC	CHEVRON USA INC	1/8+	907	41	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95 Chevron USA Inc to TH Exploration II LLC & TH
10*27506	9-5-11	М	FREDERICK ALLEN FAUST	CHEVRON USA INC	1/8+	888	15	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95 Chevron USA Inc to TH
10*27509	9-5-11	м	SANDRA PAPPA BY CYNTHIA HOLSTEIN	CHEVRON USA INC	1/8+	913	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration II LLC & TH Exploration LLC: 43/95

1/											Office	1 0 5000								
10*26002		5	GEORGIA JORDAN LIFE ESTATE AND SHELLY ANN JORDAN	TRIENERGY HOLDINGS. L	1/8+	687	616	N/A	N/A	N/A	MAR	Department of mental Protes	tion	N/A	TriEnergy Holdings LLC to NPAR LLC; 23/74	AB Resources & NPAR LLC to Chief Exploration & Development LLC and Radler 2000 LP: 24/490	LP & Enerplus to	NPAR LLC to Chevron USA Inc: 756/332	TriEnergy Holdings LLC & TriEnergy Inc to Chevron USA Inc: 28/356	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26002	9-5-11.2	10	REMAINDERMAN THE FAYEA SKOIEN REVOCABLE TRUST	TH EXPLORATION LLC	1/8+	1024	291	N/A	N/A	N/A	WELLAN.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*24578	9-5-11.2	0	FRANK E WHITMAN JR AND GAYLE WHITMAN	TH EXPLORATION LLC	1/8+			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*27907	9-5-11.2	0	JOSIE FAUST	TH EXPLORATION LLC	210	1 61461114	PENDING	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*27909	9-5-11.2	0	JONATHAN FAUST DIANE BONAR	TH EXPLORATION LLC TH EXPLORATION LLC			PENDING PENDING	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A	N/A	N/A
10*27911 10*27913			MINA BELROSE BONAR	TH EXPLORATION LLC			PENDING	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
10*27915	9-5-11.2	0	GARY THOMAS WILLIAMSON JR.	TH EXPLORATION LLC	1/8+	PENDING	PENDING	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*24973	9-5-11.2	.0.	IVA K BONAR	TH EXPLORATION LLC	1/8+	1028	577	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*26096	9-5-11.2	0	GRACE LAURA BONAR	CHEVRON USA INC	1/8+	865	198	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26101	9-5-11.2	a	BARBARA LOIS HADLEY	CHEVRON USA INC	1/8+	868	21	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26102	9-5-11-2	0	JOHN WILLIAM GRAVES AND OLIVIA MAE GRAVE	CHEVRON USA INC	1/8+	871	391	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
20102	2 3 44.4		W 111110 (W 1111)	7.50.00.5765.00										240	3975	.415	.45	14/11	.40	Chevron USA Inc to TH Exploration II LLC & TH
10*25103	9-5-11.2	0	ROBERT GLENN BONAR	CHEVRON USA INC	1/8+	868	92	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95
10*26104	9-5-11.2	o	JAMES MCPHERSON SCHILLING	CHEVRON USA INC	1/8+	858	202	N/Å	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26105	9-5-11.2	0	LESTER D FAUST	CHEVRON USA INC	1/8+	870	560	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26106	9-5-11.2	0	RICHARD CHRIS BOGATKO	CHEVRON USA INC	1/8+	870	557	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26128	9-5-11.2	0	WILLIAM A BRUNNER IR AND JOYCE A BRUNNER	CHEVRON USA INC	1/8+	888	30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26129	9-5-11.2	ā	MARJORIE JARETTA FAUST	CHEVRON USA INC	1/8+	888	10	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26167	9-5-11.2	0	FRANK B DAY	CHEVRON USA INC	1/84	871	583	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II ILC & TH Exploration LLC: 43/95
10*26201	9-5-11.2	0	IDEN SCOTT MCWHORTER	CHEVRON USA INC	1/8+	888	21	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/99
10*26202	9-5-11.2	0	LOTA JO MITCHELL AND DAVID S MITCHELL	CHEVRON USA INC	1/8+	888	27	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Cnevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26306	9-5-11.2	0	DAVID L BONAR	CHEVRON USA INC	1/8+	093	475	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26308	9-5-11.2	0	HARRY A SALO AND BETTY A SALO	CHEVRON USA INC	1/8+	894	395	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26309	9-5-11.2	0	STEVEN ALAN ARMIGER	CHEVRON USA INC	1/8+	891	69	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26310	9-5-11.2	0	KATHERINE ANN LUONGO FAIRBROTHER	CHEVRON USA INC	1/8+	901	38	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95

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*26313	95-11.2	0	JOSEPH M DURINSKY	CHEVRON USA INC	1/8+	893	244	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
¢26314	9-5-11.2)	RORIN KACHELE	CHEVRON USA INC	1/8+	893	180	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
0*26337	9-5-11.2	0	KAYHLEEN ELAINE ALEXANDRA SHIREY	CHEVRON USA INC	1/8+	901	134	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
							597	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH
10*26345 10*26806	9-5-11.2		SHARON LOUISE EVANS JASON R FREID	TH EXPLORATION LLC	1/8+	915 1045		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A N/A	N/A N/A	N/A	N/A	Exploration LLC: 43/95 N/A
20000	0.3.44.2	-	77.00																	Chevron USA Inc to TH
10*27483	9-5-11.2	o	SARI FAUST	CHEVRON USA INC	1/8+	876	490	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration II LLC & TH Exploration LLC: 43/95
10*27496	9-5-11.2	0	RICHARD SCOTT WILLIAMSON	CHEVRON USA INC	1/8+	888	24	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*27501	9-5-11.2	ס	ELEANOR MARGO MORRIS	CHEVRON USA INC	1/8+	882	472	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*27502	9-5-11.2	0	BARDARA L BYRNE TRUSTEE OF THE JOINT REVOCABLE TRUST AGREEMENT DTD 5/23/2008	CHEVRON USA INC	1/8+	921	610	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Int to TH Exploration II LLC & TH Exploration LLC: 43/95
10*27504	9-5-11.2		INTERNATIONAL WOMENS AIR AND SPACE MUSEUM INC	CHEVRON USA INC	1/8+	907	41	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
		L	FREDERICK ALLEN FAUST	CHEVRON USA INC	1/8+	888	15	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*27506	9-5-11.2	0	PREDERICK ALLEN PAUST	CHEVROW OSK INC	2,61	000		34/63	N/B	NA	N/A	NA	19/5	N/A	N/A	10/8	NA	N/N	IVA	Chevron USA Inc to TH Exploration II LLC & TH
10*27509	9-5-11.2	0	SANDRA PAPPA BY CYNTHIA HOLSTEIN	CHEVRON USA INC	1/8+	913	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Exploration LLC: 43/95
10*47051.188.0	9-5-11.2	0	LARRY J WHETZEL JR	TH EXPLORATION LLC	1/8+	859		N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.1BB.0	9-5-12		LARRY J WHETZEL JR ROBERT HUBBS	CHIEF EXPLORATION & DEVELOPMENT	1/8+	869 577	216 521	N/A	N/A	N/A	N/A	N/A	N/A	N/A Chief Exploration & Development LLC and Radler 2000 LP to Enerp Resources USA Corp: 685/636	olus Corp to Chief Explorat		N/A Chief E&D LLC, Radler 2000 LP, Chief O/G LLC Enerplus Resources USA Corp to Chevron USA Inc.: 25/1 & 25/10	AB Resources LLC to Chevron USA Inc:	N/A Chevron USA Inc to TH Exploration LLC: 36/148 & 40/127	N/A Chevron USA Inc to TH Exploration ILLC & TH Exploration LLC: 43/95
	9-7-8		ROBERT HENDERSON AND DEBRA HENDERSON, HUSBAND & WIFE, AND BRADLEY HENDERSON	AB RESOURCES LLC	1/8+	697	215	N/A	N/A	N/A	N/A	N/A	N/A	N/A	AB Recources LLC & NPAR LLC to Chief Exploration & Development LLC & Radler 2000 LP: 24/4/	Chief E&D LLC, Chief O/G LLC, Radler 2000 LP & Energlus Resources USA Corp to Chevron USA Inc: 25/1 & 25/105	AB Resources LLC to NPAR LLC: 25/484	NPAR LLC to Chevron USA Inc: 756/332	AB Resources LLC to Chevran USA Inc: 756/397	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*26003 10*47051.094.0			MARK H FOX	TH EXPLORATION LLC	1/8+	864	163	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.208.0	9-8-12	T	SHIRLEY KOONTZ POA KELU KOONTZ BENLINE	TH EXPLORATION LLC	1/8+	869	222	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A N/A	9-8-13.1	U	LARRY L CONKLE AND DONNA D CONKLE, HUSBAND AND WIFE LARRY L CONKLE AND DONNA D CONKLE, HUSBAND AND WIFE	TH EXPLORATION LLC TH EXPLORATION LLC	1/8+	1068		N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
10*47051.150.1			MICHAEL J HUGHES & TERESA A HUGHES	TH EXPLORATION LLC	1/8+	866		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	9-8-13.3		LARRY L CONKLE AND DONNA D CONKLE, HUSBAND AND WIFE	TH EXPLORATION LLC	1/8+	1068		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*15524	9-7-29.1	Ý	CAROL J ANDERSON ETAL	CHEVRON USA INC	1/8+	901	563	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration LLC: 36/148
10*15524	9-7-29		CAROLJ ANDERSON ETAL	CHEVRON USA INC	1/8+	901	563	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration II LLC & TH Exploration LLC: 43/95
10*47051.304.0	9-9-3	AA	UNITED BANK INC UNK HEIRS OF EDITH CARMICHAEL BY HERMAN LANTZ, ESQ AS SPEC	TH EXPLORATION LLC	1/8+	905	5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*23386 10*27947	9-9-2 9-9-2		COMMISSIONER STONE HILL MIMERALS HOLDINGS	TH EXPLORATION LLC TH EXPLORATION LLC	1/8+	1008	68 568	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
	9-9-1	P.A.	UNK HEIRS OF EDITH CARMICHAEL BY HERMAN LANTZ, ESQ AS SPEC COMMISSIONER	TH EXPLORATION LLC	1/8+	1008	68	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*23386	9-9-1	1 60	Continuation	pro an constition the	1 40	1000	- 00	13074	1977	1100	Iners.	1905	1000	1. 10/8	1 19/11	1 1976	1 19/15	1 1976	1875	1 100

WW76A1 Supplement

10*16001 10*28509 10*28510 10*28757 MARLENE D GARIN

9-12-9 FF PEGGY AND ROBERT GARDNER

9-12-9 FF UNDA'S AND THOMAS LIBENNETT

9-12-9 FF REBECCA LYNN AND THOMAS A RITZ

Operator's Well No. Hudson S - 11HU

Cert of Merger: SWN

Exchange Titleholder

Production Co LLC:

N/A

N/A

N/A

LLC Into SWN

19/624

SWN Production Co LLC Statoll USA Onshore

to TH Exploration LLC: Properties Inc to TH

66/431

N/A

N/A N/A Exploration LLC: 36/455

N/A

N/A

Statoli USA Onshore

N/A

N/A

LLC: 33/424

Chesapeake Appalachia Properties Inc to SWN

LLC to SWN Production Exchange Titleholder

Ca LLC: 33/110

N/A N/A

N/A

Chevron USA Inc to

N/A

N/A

N/A

Chevron USA Inc to Statoil Chesapeake Appalachia

USA Properties Inc: 30/494 LLC: 30/532

N/A

N/A

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10*27947	9-9-1	CC	STONE HILL MIMERALS HOLDINGS	TH EXPLORATION LLC	1/8+	1063	568	N/A	N/A	N/A	N/A	N/A - of	Jarri Proje	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.289.1	9-12-8	DD	JANICE M HIXSON AND HARRY C HIXSON	TH EXPLORATION LLC	1/8+	898	461	N/A	N/A	N/A	N/A	Land Del	N/A	N/A	N/A	N/A	N/A	N/A N/A	N/A N/A	N/A
10*47051.289.	9-12-8		KENNETH D MCMECHEN	TH EXPLORATION LLC	1/8+	898	463	N/A	N/A	N/A	N/A	A SOUTH	N/A	N/A	N/A	N/A	N/A	N/A	N/A N/A	N/A
10*19987	9-9-16	EE	LESLEY D BALLA	TH EXPLORATION LLC	1/8+	955	103	N/A	N/A	N/A	N/A	COVA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*19993	9.026		DIANA D COSLICK	TH EXPLORATION LLC	1/8+	955	105	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A N/A	N/A N/A	N/A
10*19994	9-9-16	EE	ELAINE A FONTES	TH EXPLORATION LLC	1/8+	960	36	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*21117	9-9-16	EE	JOELLYN JOHNSON	TH EXPLORATION LLC	1/8+	952	392	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*21322	9-9-16	EE	PHILLIP H WAYT AND BILLIE A WAYT	TH EXPLORATION LLC	1/8+	953	293	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*22199	9-9-16	EE	DONALD BROOKS WESLEY	BLUE ROAN RESOURCES	1/8+	926	424	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Blue Roan Resources LLC to TH Exploration LLC: 41/405
10*22201	9-9-16	EE.	FREDERICK MAXWELL YEATER	BLUE ROAN RESOURCES	1/8+	926	422	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Blue Roan Resources LLC to TH Exploration LLC: 41/405
10*22202	9-9-16	EE	MARK DAVID HUNT	BLUE ROAN RESOURCES	1/8+	935	109	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Blue Roan Resources LLC to TH Exploration LLC: 41/405
10*22203	9-9-16		MELISSA ELAINE SCHROTH	BLUE ROAN RESOURCES		934	471	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Blue Roan Resources LLC to TH Exploration LLC: 41/405
10*22526	9-9-16		SARBARA FURFARI	TH EXPLORATION LLC	1/8+	964	528	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*22528			RONALD DAKAN	TH EXPLORATION LLC	1/8+	964	530	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*22553	9-9-16	_	DAVID H DAKAN	TH EXPLORATION LLC	1/8+	966	130	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*22783	9-9-16		SUZANNE SWIFT	TH EXPLORATION LLC	1/8+	972	85	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*23315	9-9-16	EE	TIM A WILLIS AND DIANE CLARE WILLIS	TH EXPLORATION LLC	1/8+	988	138	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*24047	9-9-16	EE	BESSIE CARMICHAEL ET AL SHANE M MALLETT, SPECIAL COMMISSIONER	TH EXPLORATION LLC	1/8#	1021	117	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*24397	9-9-16	SE	MARK D CHAMBERS AND SHERYL CHAMBERS	TH EXPLORATION LLC	1/8+	1023	163	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*24398	9-9-16	EE	TODD SCHERICH AND WANDA D SCHERICH	TH EXPLORATION ILC	1/8+	1023	160	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*24413	9-9-16	EE	BRADLEY'S SCHERICH AND LEIGH SCHERICH	TH EXPLORATION LLC	1/8+	1023	157	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*15999	9-12-9	FF	CHARLES W DORBS ET UX	TRIENERGY HOLDINGS, LLC	1/8+	702	171	TriEnergy Holdings LLC to NPAR LLC: 24/180		Chief E&D LLC, Chief O/G LLC, Radler 2000 L & Enerplus to Chevron 5 USA Inc: 25/1 & 25/10	Chevron USA Inc:	NPAR LLC to Chevron USA Inc; 756/332	AB Resources LLC to Chief E&D LLC & Radler 2000 LP: 24/319		Chevron USA Inc to Chesapeake Appalachia		Statoil USA Onshore Properties Inc to SWN Exchange Titleholder LLC: 33/424	Cert of Merger: SWN Exchange Titleholder LLC Into SWN Production Co LLC: 19/624	SWN Production Co LLC	
10*16000	9-12-9	FF	DAVID J KLUKAS ET UX	TRIENERGY HOLDINGS,	1/8+	702	175	TriEnergy Holdings LLC to NPAR LLC: 24/180	AB Resources LLC & NPARILLC to Chief Exploration & Development LLC & Radier 2000 LP: 24/466	Chief E&D LLC, Chief O/G LLC, Radier 2000 L & Enerplus to Chevron 5 USA Inc: 25/1 & 25/10	Chevron USA Inc:	NPAR LLC to Chevron USA Inc: 756/332	AB Resources LLC to Chief E&D LLC & Radier 2000 LP: 24/319	Chevron USA Inc to Statoil USA Properties Inc: 30/494		Chesapeake Appalachia LLC to SWN Production Co LLC: 33/110	Stateil USA Onshore Properties Inc to SWN Exchange Titleholder LLC: 33/424	Cert of Merger: SWN Exchange Titleholder LLC Into SWN Production Co LLC: 19/624	SWN Production Co LLC to TH Exploration LLC: 36/431	Statoil USA Onshore Properties Inc to TH Exploration LLC: 36/455

TriEnergy Holdings LLC

N/A

N/A

N/A

AB Resources LLC to

2000 LP: 24/319

Chief E&D LLC & Radler

N/A

N/A

NPAR LLC to Chevron USA Inc: 756/332

N/A

N/A

N/A

AB Resources LLC & NPAR LLC to Chief

Development LLC &

N/A N/A

Exploration &

TriEnergy Holdings LLC to NPAR LLC: 24/180

N/A

1/8+ 1073 348 1/8+ 1073 350 1/8+ 1076 15

TRIENERGY HOLDINGS.

TH EXPLORATION LLC

TH EXPLORATION LLC

TH EXPLORATION LLC

Chief E&D LLC, Chief

N/A N/A

Radler 2000 LP: 24/466 USA Inc: 25/1 & 25/105 28/356 N/A N/A

O/G LLC, Radler 2000 LP & TriEnergy Inc to

& Enerplus to Chevron Chevron USA Inc:

DPS LAND SERVICES CORP 6000 TOWN CENTER BOULEVARD, SUITE 145 CANONSBURG PA 15317-5841

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STATE OF WEST VIRGINIA

COUNTY OF MARSHALL

ASSIGNMENT AND BILL OF SALE

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This ASSIGNMENT AND BILL OF SALE (this "Assignment") dated as of [200-20] (the "Signing Date"), but effective from and after 7:00 a.m., Eastern Standard Time on February 1, 2019 (the "Effective Date"), is made by Chevron U.S.A. Inc., a Pennsylvania corporation, with an address at 700 Cherrington Parkway, Coraopolis, PA 15108 ("Chevron" or "Assignor") to TH Exploration II, LLC and TH Exploration, LLC, Texas limited liability companies, with an address at 1320 S. University Drive, Suite 500, Fort Worth, TX 76107 (collectively "Assignee") and is accepted by Assignee upon the following terms and conditions.

RECITALS

- A. Assignor desires to sell, convey, transfer, assign and deliver to Assignee Assignor's Crawford 1 well and certain related assets, including certain leasehold interests, located in Marshall County, West Virginia.
- .B. Through an Acreage Trade Agreement to be executed contemporaneously with this Assignment, Assignor desires to transfer, convey and assign to Assignee certain of Assignor's oil and gas leasehold interests located in Marshall County, West Virginia in exchange for the transfer, conveyance and assignment to Assignor by Assignee certain of Assignee's oil and gas leasehold interests located in Marshall County, West Virginia.
- C. In consideration of the mutual promises set out in this Assignment, including execution of the Acreage Trade Agreement, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Parties agree to be bound by the terms of this Assignment.

1. DEFINITIONS

1.1 Definitions. As used in this Assignment, these words and expressions have the following meanings:

"Acreage Trade Agreement" means that certain Acreage Trade Agreement by and between Chevron U.S.A. Inc. and TH Exploration, LLC with an Effective Date of February 1, 2019 to be contemporaneously executed with this Assignment.

"Act" has the meaning given to such term in Section 9.1(C).

"Affiliate" means any legal entity which controls, is controlled by, or is under common control with, another legal entity. An entity is deemed to "control" another if it owns directly or indirectly at least fifty percent of either of the following: (A) the shares entitled to vote at a general election of directors of such

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ASSIGNMENT OF OIL AND GAS LEASES

This ASSIGNMENT OF OIL AND GAS LEASES (the "Assignment") is made and entered into this 8th day of March, 2018 (the "Effective Date"), from Blue Roan Resources, LLC, a West Virginia limited liability company, having an address at 3437 University Avenue, Morgantown, WV, 26505 (hereinafter "Assignor"), and TH Exploration, LLC, a Texas limited liability company, having an address at 1320 S. University Drive, Suite 500, Fort Worth, TX 76107 (hereinafter "Assignee").

WITNESSETH:

WHEREAS, Assignor is the owner of the right, title, and interest in those certain Oil and Gas Leases situated in Marshall County, West Virginia, which are described in Exhibit "A" attached hereto and made a part hereof (hereinafter the "Leases"); and

WHEREAS, subject to the exceptions and reservations herein contained, Assignor desires to assign, set over, and transfer to Assignee all of Assignor's right, title, and interest in and to the Leases.

NOW, THEREFORE, for and in consideration of the sum of Ten Dollars (\$10.00), cash in hand paid, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and subject to the limited warranties, restrictions and conditions hereinafter mentioned, the parties hereto, intending to be legally bound, do covenant and agree as follows:

l. <u>Assignment.</u> Assignor does hereby grant, bargain, sell, convey, deliver, assign, set over and transfer, as of the Effective Date, to Assignee, its respective successors and assigns, forever, subject to the terms, reservations, waivers and provisions as hereinafter set forth, an undivided interest of all of Assignor's right, title and interest in and to the Leases and all oil, natural gas, natural gas liquids, condensate, casinghead gas and other liquefied or gaseous hydrocarbons or products ("<u>Hydrocarbons</u>") thereby held, in any and all depths and formations ("<u>Assigned Formations</u>"), together with any and all other rights that are reasonably necessary or convenient to explore for and produce Hydrocarbons from the Assigned Formations, including, but not limited to, the right of surface access, use and occupancy, the right of ingress and egress, the right to conduct geophysical and other exploratory activities, the right to lay pipeline, the right to drill through, but not perforate or stimulate, all other depths and formations necessary for the purpose of reaching the Assigned Formations and to conduct operations therein.

TO HAVE AND TO HOLD such right, title and interest in and to the Leases unto Assignees or their designee, and their respective successors and assigns, forever, in accordance with the provisions of this Assignment.

 Representations and Warranties. Assignor represents and warrants that such Assignor has not conveyed or otherwise encumbered its interest in the Leases since the time that Assignor obtained its interests in the Leases.

Assignor represents and warrants that, as to its interests in the Leases, Assignor has paid all royalties, overriding royalties, and other payments required by the Leases which were due for the period in which Assignor held its interests in the Leases, including, but not limited to, the interests assigned hereunder, and that Assignor has fully performed all conditions necessary to maintain the Leases in full force and effect during such period.

- 3. <u>Successors and Assigns</u>. The terms of this Assignment shall be binding upon and inure to the benefit of the parties hereto and each of their respective successors and assigns, and such terms shall be covenants running with the land, and with each subsequent transfer or assignment thereof.
- Further Assurances. Assignor and Assignee hereby agree to take all actions and execute, acknowledge, and deliver all such instruments as are necessary or advisable to effectuate the purposes of this Assignment.

MAR 19 2020
Environmental Protection