



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

Thursday, September 3, 2020
PERMIT MODIFICATION APPROVAL
Horizontal 6A / New Drill

TUG HILL OPERATING, LLC
380 SOUTHPOINTE BLVD

CANONSBURG, PA 15317

Re: Permit Modification Approval for TEN HIGH 1N-11HU
47-051-01960-00-00

MODIFIED Lateral For a TMD of 21,195!

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.

A handwritten signature in blue ink, appearing to read 'James A. Martin', is written over a light blue circular stamp.

James A. Martin
Chief

Operator's Well Number: TEN HIGH 1N-11HU
Farm Name: LAWRENCE & SHIRLEY CONKLE ESTS
U.S. WELL NUMBER: 47-051-01960-00-00
Horizontal 6A New Drill
Date Modification Issued: September 3, 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

July 22, 2020

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

RE: Application for Deep Well Permit – API #47-051-01960

COMPANY: Tug Hill Operating, LLC

FARM: Lawrence & Shirley Conkle Ests Ten High 1N-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,

A handwritten signature in blue ink that reads "Susan Rose".

Susan Rose
Administrator

**Heaven Hill 2-8HU 47-051-01912; Heaven Hill 2W-12HU 47-051-01952; Heaven Hill 2W-13HU 47-051-01957; Heaven Hill 3N-10HU 47-051-02016; Heaven Hill 3-6HU 47-051-01968; Heaven Hill 3-7HU 47-051-01969; Heaven Hill 3-8HU 47-051-01967; Heaven Hill 2-6HU 47-051-01910; Heaven Hill 2-7HU 47-051-01911; Keith Stern N-16HU 47-051-02242; Ten High 1N-12HU 47-051-01961; Ten High 1N-13HU 47-051-01965; Ten High 1N-20HU 47-051-02021; Ten High 1S-14HU 47-051-01966; Ten High 1S-15HU 47-051-02027; Ten High 1S-16HU 47-051-02028; Ten High 1S-17HU 47-051-02033

4705101960 *med*

WW-6B
(04/15)

API NO. 47-051 - 01960
OPERATOR WELL NO. Ten High 1N-11HU
Well Pad Name: Ten High

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

1) Well Operator: Tug Hill Operating, LLC 494510851 Marshall Meade Glen Easton 7.5'
Operator ID County District Quadrangle

2) Operator's Well Number: Ten High 1N-11HU Well Pad Name: Ten High

3) Farm Name/Surface Owner: Lawrence & Shirley Conkle, ests Public Road Access: Shepherd Ridge Lane CR 21/9

4) Elevation, current ground: 1310' Elevation, proposed post-construction: 1310'

5) Well Type (a) Gas Oil Underground Storage
Other

(b) If Gas Shallow Deep
Horizontal

med
10/24/19

6) Existing Pad: Yes or No Yes

7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Expected Pressure(s):
Point Pleasant is the target formation at a depth of 11,622' - 11,761' thickness of 139' and anticipated pressure of approx. 9500 psi

8) Proposed Total Vertical Depth: 11,911'

9) Formation at Total Vertical Depth: Trenton

10) Proposed Total Measured Depth: 21,195'

11) Proposed Horizontal Leg Length: 8,931.20'

12) Approximate Fresh Water Strata Depths: 70', 1059'

13) Method to Determine Fresh Water Depths: Offset well reports or noticeable flow at the flowline or when need to start soaping

14) Approximate Saltwater Depths: 2,167'

15) Approximate Coal Seam Depths: Sewickly Coal - 968' and Pittsburgh Coal - 1053'

16) Approximate Depth to Possible Void (coal mine, karst, other): None anticipated

17) Does Proposed well location contain coal seams directly overlying or adjacent to an active mine? Yes No

(a) If Yes, provide Mine Info: Name: Marshall County Coal Co. / Marshall County Mine
Depth: 1020' TVD and 300' subsea level
Seam: Pittsburgh #8

RECEIVED Owner: Murray Energy / Consolidated Coal Co.
Office of Oil and Gas

NOV 14 2019

4705101960 *MOV*

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	100'	100'	216FT ³ (CTS)
Fresh Water	24"	NEW	S60	125.45	1,126'	1,126'	1,309FT ³ (CTS)
Coal	18.625"	NEW	J55	106	2,803'	2,803'	2,373FT ³ (CTS)
Intermediate #1	*13.325"	NEW	P110	68	6,805'	6,805'	4,384FT ³ (CTS)
Intermediate #2	9.625"	NEW	P110	47	10,634'	10,634'	3,482FT ³ (CTS)
Production	5.5"	NEW	P110	23	21,195'	21,195'	5,036FT ³ (CTS)
Tubing	2 7/8"	NEW	P110	6.5#		11,472'	
Liners							

ju
10/24/19

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"	38	1.0	2333	1866	CLASS A	1.2
Fresh Water	24"	28	0.75	2750	1330	SEE #24	1.2
Coal	18.625"	22	.531	2740	1140	SEE #24	1.2
Intermediate #1	*13.325"	17	0.455	6910	2340	SEE #24	1.99
Intermediate #2	9.625"	12.25	0.472	10730	7210	SEE #24	1.99
Production	5.5"	8.5	0.415	14530	10864	SEE #24	1.18
Tubing	2 7/8"						
Liners							

*Intermediate #1: To run if needed.

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WW-6B
(10/14)

API NO. 47-051 - 01960 MOD
OPERATOR WELL NO. Ten High 1N-11HU
Well Pad Name: Ten High

JW
10/24/19

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. 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 22,325,000 lb proppant and 345,161 bbl of water. Max rate = 80 bpm; max psi = 9,000#.

21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 16.2

22) Area to be disturbed for well pad only, less access road (acres): 5.92

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

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

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*Note: Attach additional sheets as needed.

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TUG HILL
OPERATING

4705101960 *MOD*

Tug Hill Operating, LLC Casing and Cement Program

Ten High 1N-11HU

Casing

	String	Grade	Bit Size	Depth (Measured)	Cement Fill Up
Conductor	30"	BW	36"	100'	CTS
Surface	24"	S60	28"	1,126'	CTS
Intermediate 1	18 5/8"	J55	22"	2,803'	CTS
Intermediate 2	13 3/8"	P110	17"	6,805'	CTS
Intermediate 3	9 5/8"	HP110	12 1/4"	10,634'	CTS
Production	5 1/2"	HCP110	8 1/2"	21,195'	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 15.0 ppg, Y=1.2

Intermediate 2: Premium NE-1 + 1% bwoc CaC12 + 46.5% Fresh Water – Intermediate Cement mixed at 15.0 ppg, Y=1.2

Intermediate 3: Premium NE-1 + 1% bwoc CaC12 + 46.5% Fresh Water – Intermediate Cement mixed at 14.5 ppg, Y=1.99

Production: 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

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4705101960 *MDP*



TUG HILL
OPERATING

Well: Ten High 1N-11HU (L)
Site: Ten High
Project: Marshall County, West Virginia.
Design: rev9
Rig: Nabors X08

Geodetic System: Universal Transverse Mercator (US Survey Feet)
Datum: NAD83 West Virginia - HARN
Ellipsoid: GRS 1980
Zone: Zone 17N (84 W to 78 W)

System Datum: Mean Sea Level
Depth Reference: RKB-1310+33 @ 1343.00usft (Nabors X08)
Northing: 14456519.59 Easting: 1730021.13 Latitude: 39.80673723 Longitude: -80.68094026

Azimuths to Grid North
True North: -0.20°
Magnetic North: -8.95°

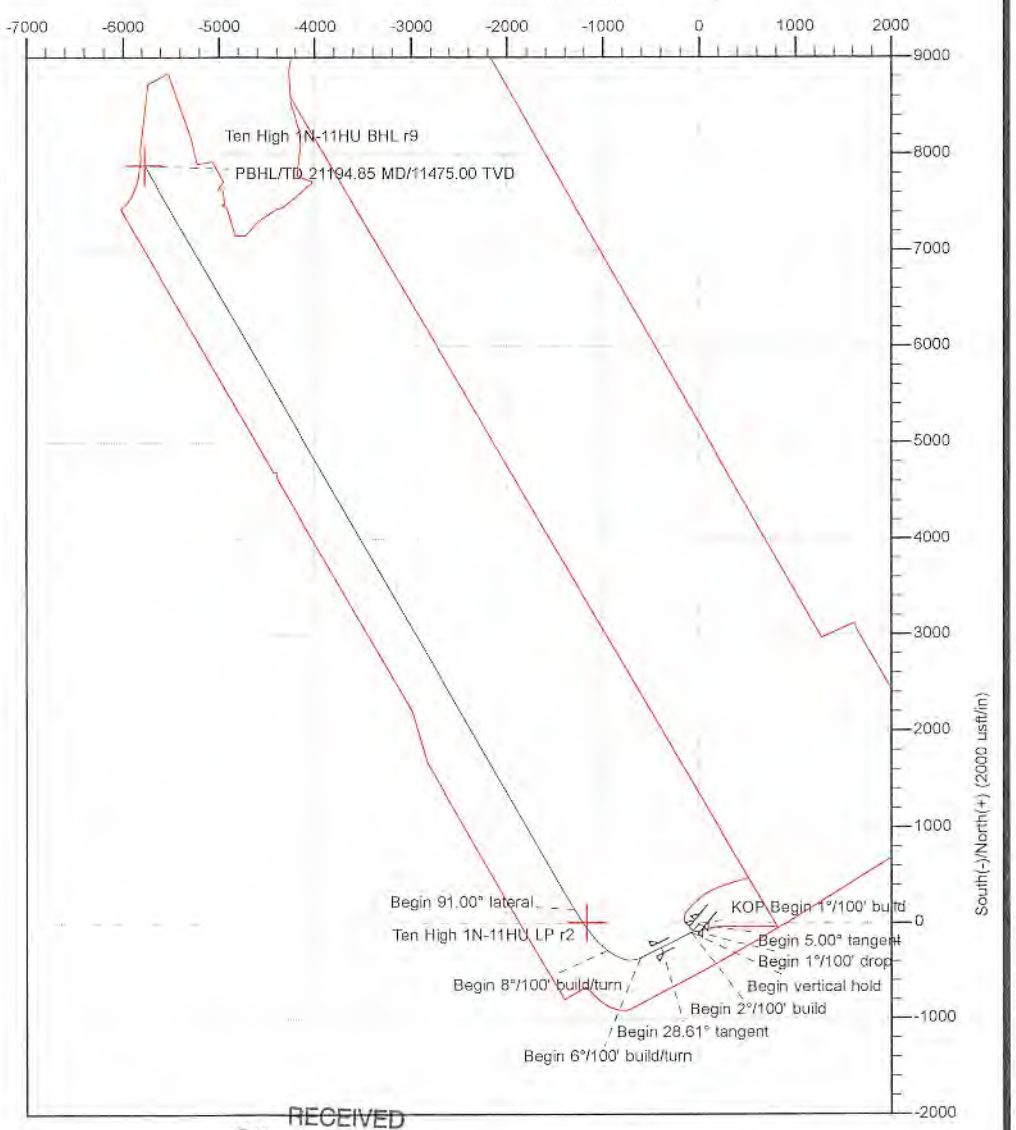
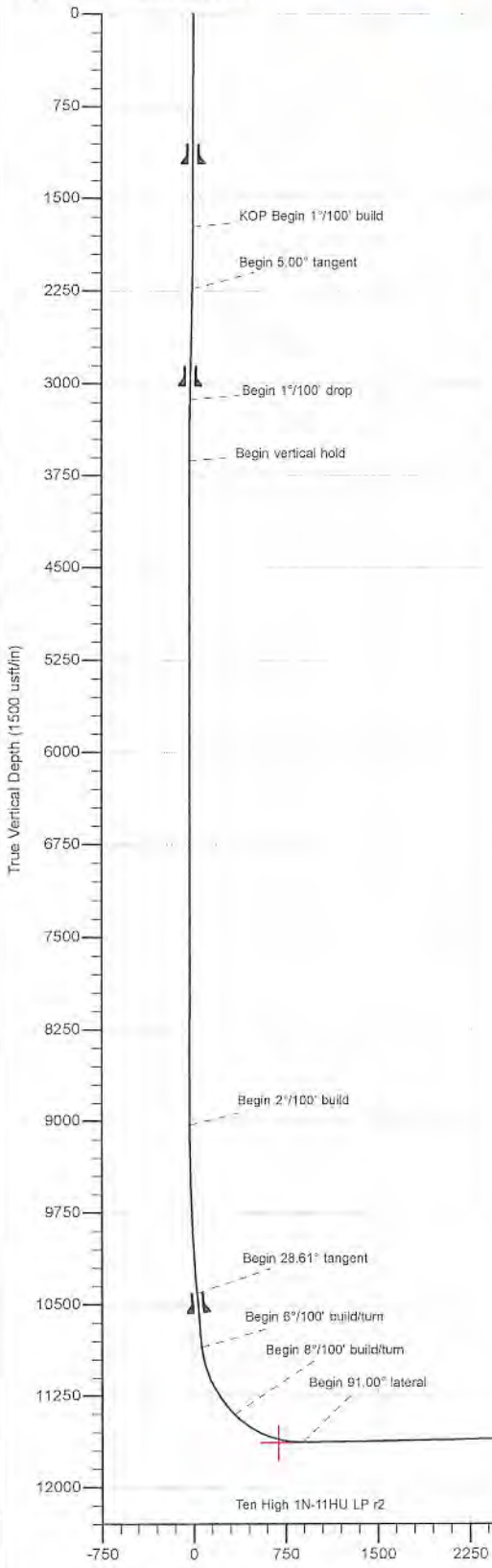
Magnetic Field
Strength: 62041.1snT
Dip Angle: 66.87°
Date: 9/1/2018
Model: IGRF2015



Total Corr (M->G): To convert a Magnetic Direction to a Grid Direction, Subtract 8.95°

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec	Annotation
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	1733.00	0.00	0.00	1733.00	0.00	0.00	0.00	0.00	0.00	KOP Begin 1°/100' build
3	2233.00	5.00	220.00	2232.37	-16.70	-14.01	1.00	220.000	-5.20	Begin 5.00° tangent
4	3133.00	5.00	220.00	3128.94	-75.79	-64.43	0.00	0.000	-23.93	Begin 1°/100' drop
5	3633.00	0.00	220.00	3628.31	-93.49	-78.45	1.00	180.000	-29.14	Begin vertical hold
6	9037.69	0.00	220.00	9033.00	-93.49	-78.45	0.00	220.000	-29.14	Begin 2°/100' build
7	10468.31	28.61	243.32	10404.89	-250.59	-391.04	2.00	243.317	28.64	Begin 28.61° tangent
8	10972.29	28.61	243.32	10847.33	-358.97	-606.68	0.00	0.000	68.50	Begin 6°/100' build/turn
9	11642.06	45.00	308.30	11401.00	-281.00	-950.00	6.00	96.774	334.13	Begin 8°/100' build/turn
10	12265.31	91.00	329.98	11630.60	153.11	-1301.25	8.00	28.896	891.89	Begin 91.00° lateral
11	21194.85	91.00	329.98	11475.00	7883.80	-5767.67	0.00	0.000	9768.33	PBHL/TD 21194.85 MD/11475.00 TVD



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Planning Report - Geographic

4705101960 MWD



Database:	DB_Aug1919_v14	Local Co-ordinate Reference:	Well Ten High 1N-11HU (L)
Company:	Tug Hill Operating LLC	TVD Reference:	RKB=1310+33 @ 1343.00usft (Nabors X08)
Project:	Marshall County, West Virginia.	MD Reference:	RKB=1310+33 @ 1343.00usft (Nabors X08)
Site:	Ten High	North Reference:	Grid
Well:	Ten High 1N-11HU (L)	Survey Calculation Method:	Minimum Curvature
Wellbore:	Original Hole		
Design:	rev9		

Project	Marshall County, West Virginia.		
Map System:	Universal Transverse Mercator (US Survey Feet)	System Datum:	Mean Sea Level
Geo Datum:	NAD83 West Virginia - HARN		
Map Zone:	Zone 17N (84 W to 78 W)		

Site	Ten High				
Site Position:		Northing:	14,456,545.60 usft	Latitude:	39.80680885
From:	Lat/Long	Easting:	1,730,001.41 usft	Longitude:	-80.68101011
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.204 °

Well	Ten High 1N-11HU (L)					
Well Position	+N/-S	0.00 usft	Northing:	14,456,519.59 usft	Latitude:	39.80673723
	+E/-W	0.00 usft	Easting:	1,730,021.12 usft	Longitude:	-80.68094026
Position Uncertainty		0.00 usft	Wellhead Elevation:	0.00 usft	Ground Level:	1,310.00 usft

Wellbore	Original Hole				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	9/1/2018	-8.746	66.867	52,041.05857311

Design	rev9			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	323.81

Plan Survey Tool Program	Date	10/16/2019		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.00	21,194.85 rev9 (Original Hole)	MWD MWD - Standard	

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Planning Report - Geographic

470510196 *MOD*

Database:	DB_Aug1919_v14	Local Co-ordinate Reference:	Well Ten High 1N-11HU (L)
Company:	Tug Hill Operating LLC	TVD Reference:	RKB=1310+33 @ 1343.00usft (Nabors X08)
Project:	Marshall County, West Virginia.	MD Reference:	RKB=1310+33 @ 1343.00usft (Nabors X08)
Site:	Ten High	North Reference:	Grid
Well:	Ten High 1N-11HU (L)	Survey Calculation Method:	Minimum Curvature
Wellbore:	Original Hole		
Design:	rev9		

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	
1,733.00	0.00	0.00	1,733.00	0.00	0.00	0.00	0.00	0.00	0.000	
2,233.00	5.00	220.00	2,232.37	-16.70	-14.01	1.00	1.00	0.00	220.000	
3,133.00	5.00	220.00	3,128.94	-76.79	-64.43	0.00	0.00	0.00	0.000	
3,633.00	0.00	220.00	3,628.31	-93.49	-78.45	1.00	-1.00	0.00	180.000	
9,037.69	0.00	220.00	9,033.00	-93.49	-78.45	0.00	0.00	0.00	220.000	
10,468.31	28.61	243.32	10,404.89	-250.59	-391.04	2.00	2.00	1.63	243.317	
10,972.29	28.61	243.32	10,847.33	-358.97	-606.68	0.00	0.00	0.00	0.000	
11,642.06	45.00	308.30	11,401.00	-281.00	-950.00	6.00	2.45	9.70	96.774	
12,265.31	91.00	329.98	11,630.60	153.11	-1,301.25	8.00	7.38	3.48	28.896	
21,194.85	91.00	329.98	11,475.00	7,883.80	-5,767.67	0.00	0.00	0.00	0.000	Ten High 1N-11HU Bf

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4705101960 MOD

Planning Report - Geographic



Database:	DB_Aug1919_v14	Local Co-ordinate Reference:	Well Ten High 1N-11HU (L)
Company:	Tug Hill Operating LLC	TVD Reference:	RKB=1310+33 @ 1343.00usft (Nabors X08)
Project:	Marshall County, West Virginia.	MD Reference:	RKB=1310+33 @ 1343.00usft (Nabors X08)
Site:	Ten High	North Reference:	Grid
Well:	Ten High 1N-11HU (L)	Survey Calculation Method:	Minimum Curvature
Wellbore:	Original Hole		
Design:	rev9		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude	
0.00	0.00	0.00	0.00	0.00	0.00	14,456,519.59	1,730,021.12	39.80673723	-80.68094026	
100.00	0.00	0.00	100.00	0.00	0.00	14,456,519.59	1,730,021.12	39.80673723	-80.68094026	
200.00	0.00	0.00	200.00	0.00	0.00	14,456,519.59	1,730,021.12	39.80673723	-80.68094026	
300.00	0.00	0.00	300.00	0.00	0.00	14,456,519.59	1,730,021.12	39.80673723	-80.68094026	
400.00	0.00	0.00	400.00	0.00	0.00	14,456,519.59	1,730,021.12	39.80673723	-80.68094026	
500.00	0.00	0.00	500.00	0.00	0.00	14,456,519.59	1,730,021.12	39.80673723	-80.68094026	
600.00	0.00	0.00	600.00	0.00	0.00	14,456,519.59	1,730,021.12	39.80673723	-80.68094026	
700.00	0.00	0.00	700.00	0.00	0.00	14,456,519.59	1,730,021.12	39.80673723	-80.68094026	
800.00	0.00	0.00	800.00	0.00	0.00	14,456,519.59	1,730,021.12	39.80673723	-80.68094026	
900.00	0.00	0.00	900.00	0.00	0.00	14,456,519.59	1,730,021.12	39.80673723	-80.68094026	
1,000.00	0.00	0.00	1,000.00	0.00	0.00	14,456,519.59	1,730,021.12	39.80673723	-80.68094026	
1,100.00	0.00	0.00	1,100.00	0.00	0.00	14,456,519.59	1,730,021.12	39.80673723	-80.68094026	
1,200.00	0.00	0.00	1,200.00	0.00	0.00	14,456,519.59	1,730,021.12	39.80673723	-80.68094026	
1,300.00	0.00	0.00	1,300.00	0.00	0.00	14,456,519.59	1,730,021.12	39.80673723	-80.68094026	
1,400.00	0.00	0.00	1,400.00	0.00	0.00	14,456,519.59	1,730,021.12	39.80673723	-80.68094026	
1,500.00	0.00	0.00	1,500.00	0.00	0.00	14,456,519.59	1,730,021.12	39.80673723	-80.68094026	
1,600.00	0.00	0.00	1,600.00	0.00	0.00	14,456,519.59	1,730,021.12	39.80673723	-80.68094026	
1,700.00	0.00	0.00	1,700.00	0.00	0.00	14,456,519.59	1,730,021.12	39.80673723	-80.68094026	
1,733.00	0.00	0.00	1,733.00	0.00	0.00	14,456,519.59	1,730,021.12	39.80673723	-80.68094026	
KOP Begin 1"/100' build										
1,800.00	0.67	220.00	1,800.00	-0.30	-0.25	14,456,519.29	1,730,020.87	39.80673641	-80.68094116	
1,900.00	1.67	220.00	1,899.98	-1.86	-1.56	14,456,517.73	1,730,019.56	39.80673213	-80.68094585	
2,000.00	2.67	220.00	1,999.90	-4.76	-4.00	14,456,514.83	1,730,017.13	39.80672419	-80.68095456	
2,100.00	3.67	220.00	2,099.75	-9.00	-7.55	14,456,510.59	1,730,013.57	39.80671259	-80.68096727	
2,200.00	4.67	220.00	2,199.48	-14.57	-12.23	14,456,505.02	1,730,008.90	39.80669734	-80.68098398	
2,233.00	5.00	220.00	2,232.37	-16.70	-14.01	14,456,502.89	1,730,007.11	39.80669150	-80.68099037	
Begin 5.00" tangent										
2,300.00	5.00	220.00	2,299.11	-21.18	-17.77	14,456,498.42	1,730,003.36	39.80667925	-80.68100380	
2,400.00	5.00	220.00	2,398.73	-27.85	-23.37	14,456,491.74	1,729,997.75	39.80666097	-80.68102383	
2,500.00	5.00	220.00	2,498.35	-34.53	-28.97	14,456,485.06	1,729,992.15	39.80664269	-80.68104386	
2,600.00	5.00	220.00	2,597.97	-41.20	-34.57	14,456,478.39	1,729,986.55	39.80662441	-80.68106389	
2,700.00	5.00	220.00	2,697.59	-47.88	-40.18	14,456,471.71	1,729,980.95	39.80660613	-80.68108393	
2,800.00	5.00	220.00	2,797.21	-54.56	-45.78	14,456,465.04	1,729,975.35	39.80658785	-80.68110396	
2,900.00	5.00	220.00	2,896.83	-61.23	-51.38	14,456,458.36	1,729,969.74	39.80656957	-80.68112399	
3,000.00	5.00	220.00	2,996.45	-67.91	-56.98	14,456,451.68	1,729,964.14	39.80655129	-80.68114402	
3,100.00	5.00	220.00	3,096.07	-74.59	-62.59	14,456,445.01	1,729,958.54	39.80653301	-80.68116406	
3,133.00	5.00	220.00	3,128.94	-76.79	-64.43	14,456,442.80	1,729,956.69	39.80652698	-80.68117067	
Begin 1"/100' drop										
3,200.00	4.33	220.00	3,195.72	-80.96	-67.94	14,456,438.63	1,729,953.19	39.80651555	-80.68118319	
3,300.00	3.33	220.00	3,295.49	-86.08	-72.23	14,456,433.51	1,729,948.89	39.80650154	-80.68119855	
3,400.00	2.33	220.00	3,395.37	-89.86	-75.40	14,456,429.73	1,729,945.72	39.80649118	-80.68120989	
3,500.00	1.33	220.00	3,495.32	-92.31	-77.46	14,456,427.28	1,729,943.67	39.80648448	-80.68121723	
3,600.00	0.33	220.00	3,595.31	-93.42	-78.39	14,456,426.17	1,729,942.74	39.80648145	-80.68122056	
3,633.00	0.00	220.00	3,628.31	-93.49	-78.45	14,456,426.10	1,729,942.68	39.80648125	-80.68122078	
Begin vertical hold										
3,700.00	0.00	0.00	3,695.31	-93.49	-78.45	14,456,426.10	1,729,942.68	39.80648125	-80.68122078	
3,800.00	0.00	220.00	3,795.31	-93.49	-78.45	14,456,426.10	1,729,942.68	39.80648125	-80.68122078	
3,900.00	0.00	220.00	3,895.31	-93.49	-78.45	14,456,426.10	1,729,942.68	39.80648125	-80.68122078	
4,000.00	0.00	0.00	3,995.31	-93.49	-78.45	14,456,426.10	1,729,942.68	39.80648125	-80.68122078	
4,100.00	0.00	220.00	4,095.31	-93.49	-78.45	14,456,426.10	1,729,942.68	39.80648125	-80.68122078	
4,200.00	0.00	220.00	4,195.31	-93.49	-78.45	14,456,426.10	1,729,942.68	39.80648125	-80.68122078	
4,300.00	0.00	220.00	4,295.31	-93.49	-78.45	14,456,426.10	1,729,942.68	39.80648125	-80.68122078	
4,400.00	0.00	220.00	4,395.31	-93.49	-78.45	14,456,426.10	1,729,942.68	39.80648125	-80.68122078	
4,500.00	0.00	220.00	4,495.31	-93.49	-78.45	14,456,426.10	1,729,942.68	39.80648125	-80.68122078	

4705101960 Mod



Planning Report - Geographic



Database:	DB_Aug1919_v14	Local Co-ordinate Reference:	Well Ten High 1N-11HU (L)
Company:	Tug Hill Operating LLC	TVD Reference:	RKB=1310+33 @ 1343.00usft (Nabors X08)
Project:	Marshall County, West Virginia.	MD Reference:	RKB=1310+33 @ 1343.00usft (Nabors X08)
Site:	Ten High	North Reference:	Grid
Well:	Ten High 1N-11HU (L)	Survey Calculation Method:	Minimum Curvature
Wellbore:	Original Hole		
Design:	rev9		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude	
4,600.00	0.00	220.00	4,595.31	-93.49	-78.45	14,456,426.10	1,729,942.68	39.80648125	-80.68122078	
4,700.00	0.00	220.00	4,695.31	-93.49	-78.45	14,456,426.10	1,729,942.68	39.80648125	-80.68122078	
4,800.00	0.00	220.00	4,795.31	-93.49	-78.45	14,456,426.10	1,729,942.68	39.80648125	-80.68122078	
4,900.00	0.00	220.00	4,895.31	-93.49	-78.45	14,456,426.10	1,729,942.68	39.80648125	-80.68122078	
5,000.00	0.00	220.00	4,995.31	-93.49	-78.45	14,456,426.10	1,729,942.68	39.80648125	-80.68122078	
5,100.00	0.00	220.00	5,095.31	-93.49	-78.45	14,456,426.10	1,729,942.68	39.80648125	-80.68122078	
5,200.00	0.00	220.00	5,195.31	-93.49	-78.45	14,456,426.10	1,729,942.68	39.80648125	-80.68122078	
5,300.00	0.00	0.00	5,295.31	-93.49	-78.45	14,456,426.10	1,729,942.68	39.80648125	-80.68122078	
5,400.00	0.00	220.00	5,395.31	-93.49	-78.45	14,456,426.10	1,729,942.68	39.80648125	-80.68122078	
5,500.00	0.00	220.00	5,495.31	-93.49	-78.45	14,456,426.10	1,729,942.68	39.80648125	-80.68122078	
5,600.00	0.00	0.00	5,595.31	-93.49	-78.45	14,456,426.10	1,729,942.68	39.80648125	-80.68122078	
5,700.00	0.00	220.00	5,695.31	-93.49	-78.45	14,456,426.10	1,729,942.68	39.80648125	-80.68122078	
5,800.00	0.00	220.00	5,795.31	-93.49	-78.45	14,456,426.10	1,729,942.68	39.80648125	-80.68122078	
5,900.00	0.00	220.00	5,895.31	-93.49	-78.45	14,456,426.10	1,729,942.68	39.80648125	-80.68122078	
6,000.00	0.00	220.00	5,995.31	-93.49	-78.45	14,456,426.10	1,729,942.68	39.80648125	-80.68122078	
6,100.00	0.00	220.00	6,095.31	-93.49	-78.45	14,456,426.10	1,729,942.68	39.80648125	-80.68122078	
6,200.00	0.00	220.00	6,195.31	-93.49	-78.45	14,456,426.10	1,729,942.68	39.80648125	-80.68122078	
6,300.00	0.00	220.00	6,295.31	-93.49	-78.45	14,456,426.10	1,729,942.68	39.80648125	-80.68122078	
6,400.00	0.00	220.00	6,395.31	-93.49	-78.45	14,456,426.10	1,729,942.68	39.80648125	-80.68122078	
6,500.00	0.00	0.00	6,495.31	-93.49	-78.45	14,456,426.10	1,729,942.68	39.80648125	-80.68122078	
6,600.00	0.00	220.00	6,595.31	-93.49	-78.45	14,456,426.10	1,729,942.68	39.80648125	-80.68122078	
6,700.00	0.00	220.00	6,695.31	-93.49	-78.45	14,456,426.10	1,729,942.68	39.80648125	-80.68122078	
6,800.00	0.00	220.00	6,795.31	-93.49	-78.45	14,456,426.10	1,729,942.68	39.80648125	-80.68122078	
6,900.00	0.00	220.00	6,895.31	-93.49	-78.45	14,456,426.10	1,729,942.68	39.80648125	-80.68122078	
7,000.00	0.00	220.00	6,995.31	-93.49	-78.45	14,456,426.10	1,729,942.68	39.80648125	-80.68122078	
7,100.00	0.00	220.00	7,095.31	-93.49	-78.45	14,456,426.10	1,729,942.68	39.80648125	-80.68122078	
7,200.00	0.00	220.00	7,195.31	-93.49	-78.45	14,456,426.10	1,729,942.68	39.80648125	-80.68122078	
7,300.00	0.00	220.00	7,295.31	-93.49	-78.45	14,456,426.10	1,729,942.68	39.80648125	-80.68122078	
7,400.00	0.00	0.00	7,395.31	-93.49	-78.45	14,456,426.10	1,729,942.68	39.80648125	-80.68122078	
7,500.00	0.00	220.00	7,495.31	-93.49	-78.45	14,456,426.10	1,729,942.68	39.80648125	-80.68122078	
7,600.00	0.00	220.00	7,595.31	-93.49	-78.45	14,456,426.10	1,729,942.68	39.80648125	-80.68122078	
7,700.00	0.00	220.00	7,695.31	-93.49	-78.45	14,456,426.10	1,729,942.68	39.80648125	-80.68122078	
7,800.00	0.00	220.00	7,795.31	-93.49	-78.45	14,456,426.10	1,729,942.68	39.80648125	-80.68122078	
7,900.00	0.00	220.00	7,895.31	-93.49	-78.45	14,456,426.10	1,729,942.68	39.80648125	-80.68122078	
8,000.00	0.00	220.00	7,995.31	-93.49	-78.45	14,456,426.10	1,729,942.68	39.80648125	-80.68122078	
8,100.00	0.00	220.00	8,095.31	-93.49	-78.45	14,456,426.10	1,729,942.68	39.80648125	-80.68122078	
8,200.00	0.00	220.00	8,195.31	-93.49	-78.45	14,456,426.10	1,729,942.68	39.80648125	-80.68122078	
8,300.00	0.00	0.00	8,295.31	-93.49	-78.45	14,456,426.10	1,729,942.68	39.80648125	-80.68122078	
8,400.00	0.00	220.00	8,395.31	-93.49	-78.45	14,456,426.10	1,729,942.68	39.80648125	-80.68122078	
8,500.00	0.00	220.00	8,495.31	-93.49	-78.45	14,456,426.10	1,729,942.68	39.80648125	-80.68122078	
8,600.00	0.00	220.00	8,595.31	-93.49	-78.45	14,456,426.10	1,729,942.68	39.80648125	-80.68122078	
8,700.00	0.00	220.00	8,695.31	-93.49	-78.45	14,456,426.10	1,729,942.68	39.80648125	-80.68122078	
8,800.00	0.00	220.00	8,795.31	-93.49	-78.45	14,456,426.10	1,729,942.68	39.80648125	-80.68122078	
8,900.00	0.00	220.00	8,895.31	-93.49	-78.45	14,456,426.10	1,729,942.68	39.80648125	-80.68122078	
9,000.00	0.00	220.00	8,995.31	-93.49	-78.45	14,456,426.10	1,729,942.68	39.80648125	-80.68122078	
9,037.69	0.00	220.00	9,033.00	-93.49	-78.45	14,456,426.10	1,729,942.68	39.80648125	-80.68122078	
Begin 2"/100' build										
9,100.00	1.25	243.32	9,095.30	-93.80	-79.05	14,456,425.80	1,729,942.07	39.80648042	-80.68122294	
9,200.00	3.25	243.32	9,195.22	-95.56	-82.56	14,456,424.04	1,729,938.57	39.80647562	-80.68123543	
9,300.00	5.25	243.32	9,294.94	-98.88	-89.17	14,456,420.71	1,729,931.95	39.80646655	-80.68125903	
9,400.00	7.25	243.32	9,394.34	-103.77	-98.89	14,456,415.83	1,729,922.23	39.80645323	-80.68129370	
9,500.00	9.25	243.32	9,493.30	-110.21	-111.71	14,456,409.39	1,729,909.42	39.80643567	-80.68133941	
9,600.00	11.25	243.32	9,591.70	-118.19	-127.60	14,456,401.40	1,729,893.52	39.80641389	-80.68139610	
9,700.00	13.25	243.32	9,689.42	-127.72	-146.55	14,456,391.87	1,729,874.57	39.80638792	-80.68146370	



Planning Report - Geographic



Database:	DB_Aug1919_v14	Local Co-ordinate Reference:	Well Ten High 1N-11HU (L)
Company:	Tug Hill Operating LLC	TVD Reference:	RKB=1310+33 @ 1343.00usft (Nabors X08)
Project:	Marshall County, West Virginia.	MD Reference:	RKB=1310+33 @ 1343.00usft (Nabors X08)
Site:	Ten High	North Reference:	Grid
Well:	Ten High 1N-11HU (L)	Survey Calculation Method:	Minimum Curvature
Wellbore:	Original Hole		
Design:	rev9		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N-S (usft)	+E-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude	
9,800.00	15.25	243.32	9,786.34	-138.77	-168.54	14,456,380.82	1,729,852.59	39.80635779	-80.68154213	
9,900.00	17.25	243.32	9,882.34	-151.33	-193.53	14,456,368.26	1,729,827.59	39.80632353	-80.68163129	
10,000.00	19.25	243.32	9,977.31	-165.39	-221.51	14,456,354.20	1,729,799.62	39.80628520	-80.68173108	
10,100.00	21.25	243.32	10,071.13	-180.93	-252.43	14,456,338.66	1,729,768.70	39.80624282	-80.68184137	
10,200.00	23.25	243.32	10,163.68	-197.93	-286.25	14,456,321.66	1,729,734.87	39.80619647	-80.68196202	
10,300.00	25.25	243.32	10,254.85	-216.37	-322.94	14,456,303.22	1,729,698.18	39.80614619	-80.68209290	
10,400.00	27.25	243.32	10,344.54	-236.23	-362.45	14,456,283.37	1,729,658.67	39.80609204	-80.68223384	
10,468.31	28.61	243.32	10,404.89	-250.59	-391.04	14,456,269.00	1,729,630.08	39.80605286	-80.68233581	
Begin 28.61° tangent										
10,500.00	28.61	243.32	10,432.71	-257.41	-404.60	14,456,262.18	1,729,616.52	39.80603428	-80.68238417	
10,600.00	28.61	243.32	10,520.50	-278.91	-447.39	14,456,240.68	1,729,573.74	39.80597564	-80.68253680	
10,700.00	28.61	243.32	10,608.29	-300.42	-490.18	14,456,219.18	1,729,530.95	39.80591700	-80.68268943	
10,800.00	28.61	243.32	10,696.08	-321.92	-532.96	14,456,197.67	1,729,488.16	39.80585836	-80.68284205	
10,900.00	28.61	243.32	10,783.86	-343.43	-575.75	14,456,176.17	1,729,445.37	39.80579972	-80.68299468	
10,972.29	28.61	243.32	10,847.33	-358.97	-606.68	14,456,160.62	1,729,414.44	39.80575733	-80.68310501	
Begin 6°/100' build/turn										
11,000.00	28.46	246.78	10,871.67	-364.55	-618.68	14,456,155.04	1,729,402.44	39.80574212	-80.68314780	
11,100.00	28.65	259.35	10,959.59	-378.39	-664.18	14,456,141.20	1,729,356.95	39.80570456	-80.68330998	
11,200.00	29.96	271.33	11,046.87	-382.24	-712.75	14,456,137.35	1,729,308.38	39.80569445	-80.68348295	
11,300.00	32.25	282.08	11,132.55	-376.07	-763.85	14,456,143.52	1,729,257.28	39.80571189	-80.68366483	
11,400.00	35.34	291.35	11,215.70	-359.95	-816.92	14,456,159.65	1,729,204.20	39.80575669	-80.68385361	
11,500.00	39.03	299.19	11,295.40	-334.04	-871.39	14,456,185.55	1,729,149.73	39.80582836	-80.68404724	
11,600.00	43.16	305.82	11,370.78	-298.64	-926.66	14,456,220.96	1,729,094.46	39.80592613	-80.68424358	
11,642.06	45.00	308.30	11,401.00	-281.00	-950.00	14,456,238.59	1,729,071.12	39.80597479	-80.68432646	
Begin 8°/100' build/turn										
11,700.00	49.10	311.26	11,440.48	-253.85	-982.55	14,456,265.75	1,729,038.57	39.80604967	-80.68444203	
11,800.00	56.32	315.60	11,501.04	-199.11	-1,040.17	14,456,320.48	1,728,980.96	39.80620055	-80.68464649	
11,900.00	63.67	319.25	11,551.03	-135.33	-1,098.62	14,456,384.26	1,728,922.50	39.80637627	-80.68485384	
12,000.00	71.10	322.47	11,589.47	-63.75	-1,156.79	14,456,455.84	1,728,864.34	39.80657341	-80.68506003	
12,100.00	78.58	325.41	11,615.81	14.23	-1,213.52	14,456,533.83	1,728,807.60	39.80678812	-80.68526107	
12,200.00	86.09	328.20	11,628.94	97.11	-1,267.72	14,456,616.70	1,728,753.40	39.80701624	-80.68545303	
12,265.31	91.00	329.98	11,630.60	153.10	-1,301.25	14,456,672.70	1,728,719.88	39.80717034	-80.68557171	
Begin 91.00° lateral										
12,300.00	91.00	329.98	11,629.99	183.14	-1,318.60	14,456,702.73	1,728,702.52	39.80725299	-80.68563312	
12,400.00	91.00	329.98	11,628.25	269.71	-1,368.62	14,456,789.30	1,728,652.51	39.80749122	-80.68581014	
12,500.00	91.00	329.98	11,626.51	356.29	-1,418.64	14,456,875.88	1,728,602.49	39.80772946	-80.68598716	
12,600.00	91.00	329.98	11,624.77	442.86	-1,468.66	14,456,962.45	1,728,552.47	39.80796770	-80.68616418	
12,700.00	91.00	329.98	11,623.02	529.43	-1,518.67	14,457,049.03	1,728,502.45	39.80820593	-80.68634121	
12,800.00	91.00	329.98	11,621.28	616.01	-1,568.69	14,457,135.60	1,728,452.43	39.80844417	-80.68651823	
12,900.00	91.00	329.98	11,619.54	702.58	-1,618.71	14,457,222.18	1,728,402.41	39.80868240	-80.68669526	
13,000.00	91.00	329.98	11,617.80	789.16	-1,668.73	14,457,308.75	1,728,352.39	39.80892064	-80.68687229	
13,100.00	91.00	329.98	11,616.05	875.73	-1,718.75	14,457,395.33	1,728,302.38	39.80915887	-80.68704931	
13,200.00	91.00	329.98	11,614.31	962.31	-1,768.77	14,457,481.90	1,728,252.36	39.80939711	-80.68722634	
13,300.00	91.00	329.98	11,612.57	1,048.88	-1,818.78	14,457,568.47	1,728,202.34	39.80963534	-80.68740337	
13,400.00	91.00	329.98	11,610.83	1,135.46	-1,868.80	14,457,655.05	1,728,152.32	39.80987357	-80.68758041	
13,500.00	91.00	329.98	11,609.08	1,222.03	-1,918.82	14,457,741.62	1,728,102.30	39.81011181	-80.68775744	
13,600.00	91.00	329.98	11,607.34	1,308.60	-1,968.84	14,457,828.20	1,728,052.28	39.81035004	-80.68793448	
13,700.00	91.00	329.98	11,605.60	1,395.18	-2,018.86	14,457,914.77	1,728,002.27	39.81058827	-80.68811151	
13,800.00	91.00	329.98	11,603.86	1,481.75	-2,068.88	14,458,001.35	1,727,952.25	39.81082651	-80.68828855	
13,900.00	91.00	329.98	11,602.11	1,568.33	-2,118.90	14,458,087.92	1,727,902.23	39.81106474	-80.68846559	
14,000.00	91.00	329.98	11,600.37	1,654.90	-2,168.91	14,458,174.49	1,727,852.21	39.81130297	-80.68864263	
14,100.00	91.00	329.98	11,598.63	1,741.48	-2,218.93	14,458,261.07	1,727,802.19	39.81154120	-80.68881967	
14,200.00	91.00	329.98	11,596.89	1,828.05	-2,268.95	14,458,347.64	1,727,752.17	39.81177944	-80.68899671	
14,300.00	91.00	329.98	11,595.14	1,914.62	-2,318.97	14,458,434.22	1,727,702.16	39.81201767	-80.68917375	



Database:	DB_Aug1919_v14	Local Co-ordinate Reference:	Well Ten High 1N-11HU (L)
Company:	Tug Hill Operating LLC	TVD Reference:	RKB=1310+33 @ 1343.00usft (Nabors X08)
Project:	Marshall County, West Virginia.	MD Reference:	RKB=1310+33 @ 1343.00usft (Nabors X08)
Site:	Ten High	North Reference:	Grid
Well:	Ten High 1N-11HU (L)	Survey Calculation Method:	Minimum Curvature
Wellbore:	Original Hole		
Design:	rev9		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude	
14,400.00	91.00	329.98	11,593.40	2,001.20	-2,368.99	14,458,520.79	1,727,652.14	39.81225590	-80.68935080	
14,500.00	91.00	329.98	11,591.66	2,087.77	-2,419.01	14,458,607.37	1,727,602.12	39.81249413	-80.68952784	
14,600.00	91.00	329.98	11,589.92	2,174.35	-2,469.02	14,458,693.94	1,727,552.10	39.81273236	-80.68970489	
14,700.00	91.00	329.98	11,588.17	2,260.92	-2,519.04	14,458,780.52	1,727,502.08	39.81297059	-80.68988194	
14,800.00	91.00	329.98	11,586.43	2,347.50	-2,569.06	14,458,867.09	1,727,452.06	39.81320882	-80.69005899	
14,900.00	91.00	329.98	11,584.69	2,434.07	-2,619.08	14,458,953.66	1,727,402.04	39.81344705	-80.69023604	
15,000.00	91.00	329.98	11,582.95	2,520.65	-2,669.10	14,459,040.24	1,727,352.03	39.81368528	-80.69041309	
15,100.00	91.00	329.98	11,581.20	2,607.22	-2,719.12	14,459,126.81	1,727,302.01	39.81392351	-80.69059014	
15,200.00	91.00	329.98	11,579.46	2,693.79	-2,769.13	14,459,213.39	1,727,251.99	39.81416174	-80.69076720	
15,300.00	91.00	329.98	11,577.72	2,780.37	-2,819.15	14,459,299.96	1,727,201.97	39.81439997	-80.69094425	
15,400.00	91.00	329.98	11,575.98	2,866.94	-2,869.17	14,459,386.54	1,727,151.95	39.81463820	-80.69112131	
15,500.00	91.00	329.98	11,574.23	2,953.52	-2,919.19	14,459,473.11	1,727,101.93	39.81487642	-80.69129837	
15,600.00	91.00	329.98	11,572.49	3,040.09	-2,969.21	14,459,559.68	1,727,051.92	39.81511465	-80.69147542	
15,700.00	91.00	329.98	11,570.75	3,126.67	-3,019.23	14,459,646.26	1,727,001.90	39.81535288	-80.69165248	
15,800.00	91.00	329.98	11,569.01	3,213.24	-3,069.25	14,459,732.83	1,726,951.88	39.81559111	-80.69182955	
15,900.00	91.00	329.98	11,567.26	3,299.81	-3,119.26	14,459,819.41	1,726,901.86	39.81582933	-80.69200661	
16,000.00	91.00	329.98	11,565.52	3,386.39	-3,169.28	14,459,905.98	1,726,851.84	39.81606756	-80.69218367	
16,100.00	91.00	329.98	11,563.78	3,472.96	-3,219.30	14,459,992.56	1,726,801.82	39.81630579	-80.69236074	
16,200.00	91.00	329.98	11,562.04	3,559.54	-3,269.32	14,460,079.13	1,726,751.81	39.81654401	-80.69253780	
16,300.00	91.00	329.98	11,560.29	3,646.11	-3,319.34	14,460,165.71	1,726,701.79	39.81678224	-80.69271487	
16,400.00	91.00	329.98	11,558.55	3,732.69	-3,369.36	14,460,252.28	1,726,651.77	39.81702046	-80.69289194	
16,500.00	91.00	329.98	11,556.81	3,819.26	-3,419.37	14,460,338.85	1,726,601.75	39.81725869	-80.69306901	
16,600.00	91.00	329.98	11,555.07	3,905.84	-3,469.39	14,460,425.43	1,726,551.73	39.81749691	-80.69324608	
16,700.00	91.00	329.98	11,553.32	3,992.41	-3,519.41	14,460,512.00	1,726,501.71	39.81773514	-80.69342315	
16,800.00	91.00	329.98	11,551.58	4,078.98	-3,569.43	14,460,598.58	1,726,451.69	39.81797336	-80.69360023	
16,900.00	91.00	329.98	11,549.84	4,165.56	-3,619.45	14,460,685.15	1,726,401.68	39.81821159	-80.69377730	
17,000.00	91.00	329.98	11,548.10	4,252.13	-3,669.47	14,460,771.73	1,726,351.66	39.81844981	-80.69395438	
17,100.00	91.00	329.98	11,546.35	4,338.71	-3,719.49	14,460,858.30	1,726,301.64	39.81868804	-80.69413146	
17,200.00	91.00	329.98	11,544.61	4,425.28	-3,769.50	14,460,944.87	1,726,251.62	39.81892626	-80.69430853	
17,300.00	91.00	329.98	11,542.87	4,511.86	-3,819.52	14,461,031.45	1,726,201.60	39.81916448	-80.69448561	
17,400.00	91.00	329.98	11,541.13	4,598.43	-3,869.54	14,461,118.02	1,726,151.58	39.81940271	-80.69466270	
17,500.00	91.00	329.98	11,539.38	4,685.00	-3,919.56	14,461,204.60	1,726,101.57	39.81964093	-80.69483978	
17,600.00	91.00	329.98	11,537.64	4,771.58	-3,969.58	14,461,291.17	1,726,051.55	39.81987915	-80.69501686	
17,700.00	91.00	329.98	11,535.90	4,858.15	-4,019.60	14,461,377.75	1,726,001.53	39.82011737	-80.69519395	
17,800.00	91.00	329.98	11,534.16	4,944.73	-4,069.61	14,461,464.32	1,725,951.51	39.82035559	-80.69537103	
17,900.00	91.00	329.98	11,532.41	5,031.30	-4,119.63	14,461,550.90	1,725,901.49	39.82059382	-80.69554812	
18,000.00	91.00	329.98	11,530.67	5,117.88	-4,169.65	14,461,637.47	1,725,851.47	39.82083204	-80.69572521	
18,100.00	91.00	329.98	11,528.93	5,204.45	-4,219.67	14,461,724.04	1,725,801.46	39.82107026	-80.69590230	
18,200.00	91.00	329.98	11,527.19	5,291.03	-4,269.69	14,461,810.62	1,725,751.44	39.82130848	-80.69607939	
18,300.00	91.00	329.98	11,525.44	5,377.60	-4,319.71	14,461,897.19	1,725,701.42	39.82154670	-80.69625648	
18,400.00	91.00	329.98	11,523.70	5,464.17	-4,369.72	14,461,983.77	1,725,651.40	39.82178492	-80.69643357	
18,500.00	91.00	329.98	11,521.96	5,550.75	-4,419.74	14,462,070.34	1,725,601.38	39.82202314	-80.69661067	
18,600.00	91.00	329.98	11,520.22	5,637.32	-4,469.76	14,462,156.92	1,725,551.36	39.82226136	-80.69678776	
18,700.00	91.00	329.98	11,518.47	5,723.90	-4,519.78	14,462,243.49	1,725,501.34	39.82249958	-80.69696486	
18,800.00	91.00	329.98	11,516.73	5,810.47	-4,569.80	14,462,330.06	1,725,451.33	39.82273780	-80.69714196	
18,900.00	91.00	329.98	11,514.99	5,897.05	-4,619.82	14,462,416.64	1,725,401.31	39.82297602	-80.69731906	
19,000.00	91.00	329.98	11,513.25	5,983.62	-4,669.84	14,462,503.21	1,725,351.29	39.82321423	-80.69749616	
19,100.00	91.00	329.98	11,511.50	6,070.19	-4,719.85	14,462,589.79	1,725,301.27	39.82345245	-80.69767326	
19,200.00	91.00	329.98	11,509.76	6,156.77	-4,769.87	14,462,676.36	1,725,251.25	39.82369067	-80.69785036	
19,300.00	91.00	329.98	11,508.02	6,243.34	-4,819.89	14,462,762.94	1,725,201.23	39.82392889	-80.69802747	
19,400.00	91.00	329.98	11,506.28	6,329.92	-4,869.91	14,462,849.51	1,725,151.22	39.82416711	-80.69820457	
19,500.00	91.00	329.98	11,504.53	6,416.49	-4,919.93	14,462,936.08	1,725,101.20	39.82440532	-80.69838168	
19,600.00	91.00	329.98	11,502.79	6,503.07	-4,969.95	14,463,022.66	1,725,051.18	39.82464354	-80.69855879	
19,700.00	91.00	329.98	11,501.05	6,589.64	-5,019.96	14,463,109.23	1,725,001.16	39.82488176	-80.69873589	
19,800.00	91.00	329.98	11,499.31	6,676.21	-5,069.98	14,463,195.81	1,724,951.14	39.82511997	-80.69891301	

4705101960 MD



Planning Report - Geographic



Database:	DB_Aug1919_v14	Local Co-ordinate Reference:	Well Ten High 1N-11HU (L)
Company:	Tug Hill Operating LLC	TVD Reference:	RKB=1310+33 @ 1343.00usft (Nabors X08)
Project:	Marshall County, West Virginia.	MD Reference:	RKB=1310+33 @ 1343.00usft (Nabors X08)
Site:	Ten High	North Reference:	Grid
Well:	Ten High 1N-11HU (L)	Survey Calculation Method:	Minimum Curvature
Wellbore:	Original Hole		
Design:	rev9		

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
19,900.00	91.00	329.98	11,497.56	6,762.79	-5,120.00	14,463,282.38	1,724,901.12	39.82535819	-80.69909012
20,000.00	91.00	329.98	11,495.82	6,849.36	-5,170.02	14,463,368.96	1,724,851.11	39.82559640	-80.69926723
20,100.00	91.00	329.98	11,494.08	6,935.94	-5,220.04	14,463,455.53	1,724,801.09	39.82583462	-80.69944434
20,200.00	91.00	329.98	11,492.34	7,022.51	-5,270.06	14,463,542.11	1,724,751.07	39.82607284	-80.69962146
20,300.00	91.00	329.98	11,490.59	7,109.09	-5,320.07	14,463,628.68	1,724,701.05	39.82631105	-80.69979857
20,400.00	91.00	329.98	11,488.85	7,195.66	-5,370.09	14,463,715.25	1,724,651.03	39.82654926	-80.69997569
20,500.00	91.00	329.98	11,487.11	7,282.24	-5,420.11	14,463,801.83	1,724,601.01	39.82678748	-80.70015281
20,600.00	91.00	329.98	11,485.37	7,368.81	-5,470.13	14,463,888.40	1,724,550.99	39.82702569	-80.70032993
20,700.00	91.00	329.98	11,483.62	7,455.38	-5,520.15	14,463,974.98	1,724,500.98	39.82726391	-80.70050705
20,800.00	91.00	329.98	11,481.88	7,541.96	-5,570.17	14,464,061.55	1,724,450.96	39.82750212	-80.70068417
20,900.00	91.00	329.98	11,480.14	7,628.53	-5,620.19	14,464,148.13	1,724,400.94	39.82774033	-80.70086130
21,000.00	91.00	329.98	11,478.40	7,715.11	-5,670.20	14,464,234.70	1,724,350.92	39.82797855	-80.70103842
21,100.00	91.00	329.98	11,476.65	7,801.68	-5,720.22	14,464,321.27	1,724,300.90	39.82821676	-80.70121555
21,194.85	91.00	329.98	11,475.00	7,883.80	-5,767.66	14,464,403.39	1,724,253.46	39.82844270	-80.70138355

PBHL/TD 21194.85 MD/11475.00 TVD

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
Ten High 1N-11HU BHL - hit/miss target - Shape - Point	0.00	0.01	11,475.00	7,883.80	-5,767.67	14,464,403.39	1,724,253.46	39.82844271	-80.70138356
Ten High 1N-11HU LP r2 - plan misses target center by 47.52usft at 12073.60usft MD (11609.93 TVD, -6.89 N, -1198.75 E) - Point	0.00	0.00	11,634.00	11.62	-1,162.19	14,456,531.21	1,728,858.94	39.80678044	-80.68507833

Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")
1,208.00	1,208.00		20	24
3,016.62	3,013.00		13-3/8	17-1/2
10,642.72	10,558.00		9-5/8	12-1/4

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
1,733.00	1,733.00	0.00	0.00	KOP Begin 1°/100' build
2,233.00	2,232.37	-16.70	-14.01	Begin 5.00° tangent
3,133.00	3,128.94	-76.79	-64.43	Begin 1°/100' drop
3,633.00	3,628.31	-93.49	-78.45	Begin vertical hold
9,037.69	9,033.00	-93.49	-78.45	Begin 2°/100' build
10,468.31	10,404.89	-250.59	-391.04	Begin 28.61° tangent
10,972.29	10,847.33	-358.97	-606.68	Begin 6°/100' build/turn
11,642.06	11,401.00	-281.00	-950.00	Begin 8°/100' build/turn
12,265.31	11,630.60	153.10	-1,301.25	Begin 91.00° lateral
21,194.85	11,475.00	7,883.80	-5,767.66	PBHL/TD 21194.85 MD/11475.00 TVD

RECEIVED
Office of Oil and Gas

NOV 14 2019

WV Department of
Environmental Protection

4705101960

MOD



Well Site Safety Plan

Tug Hill Operating, LLC

Jan 10/24/19

Well Name: Ten High 1N-11HU

Pad Location: Ten High

Marshall County, West Virginia

UTM (meters), NAD83, Zone 17:

NORTHING -4,406,355.98

EASTING -527,311.49

September 2019

RECEIVED
Office of Oil and Gas

NOV 14 2019

WV Department of
Environmental Protection

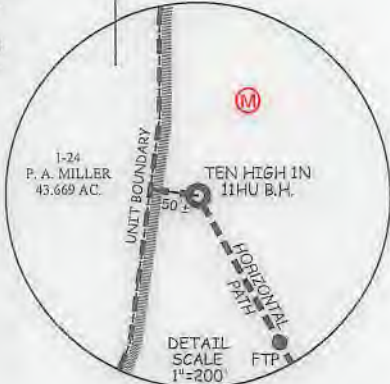
**TEN HIGH 1N LEASE
UTICA UNIT - 537.97 AC±
WELL 11HU
TUG HILL OPERATING**

LATITUDE 39°50'00"

LONGITUDE 80°40'00"

NOTES ON SURVEY

- NO WATER WELLS WERE FOUND WITHIN 250' OF PROPOSED GAS WELL. NO AGRICULTURAL BUILDINGS ≥ 2500 SQ. FT. WERE FOUND WITHIN 625' OF THE CENTER OF PROPOSED WELL PAD.
- WELL SPOT CIRCLE & TOPO MARK SCALE IS 1"=2000'.
- PROPOSED LATERAL OR TOP HOLE OF TEN HIGH 1N-11HU (47-051-01960) IS WITHIN 3000' OF THE TOP HOLES OR LATERALS OF THE FOLLOWING:
HEAVEN HILL 3-6HU (47-051-01968),
HEAVEN HILL 3-7HU (47-051-01969),
HEAVEN HILL 3-8HU (47-051-01967),
HEAVEN HILL 3N-10HU (47-051-02016),
PROPOSED HEAVEN HILL 3N-15HU,
PROPOSED HEAVEN HILL 3N-16HU,
TEN HIGH 1N-12HU (47-051-01961),
TEN HIGH 1N-13HU (47-051-01965),
TEN HIGH 1S-14HU (47-051-01966),
TEN HIGH 1S-15HU (47-051-02027),
TEN HIGH 1S-16HU (47-051-02028),
TEN HIGH 1S-17HU (47-051-02033),
TEN HIGH 1N-20HU (47-051-02021).



(S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)

NAD'83 S.P.C.(FT)	N. 478,135.39	E. 1,836,740.94
NAD'83 GEO.	LAT-(N) 39.806737	LONG-(W) 80.680940
NAD'83 UTM (M)	N. 4,406,355.98	E. 527,311.49

LANDING POINT

NAD'83 S.P.C.(FT)	N. 478,310.3	E. 1,635,442.0
NAD'83 GEO.	LAT-(N) 39.807170	LONG-(W) 80.685572
NAD'83 UTM (M)	N. 4,406,402.7	E. 526,914.9

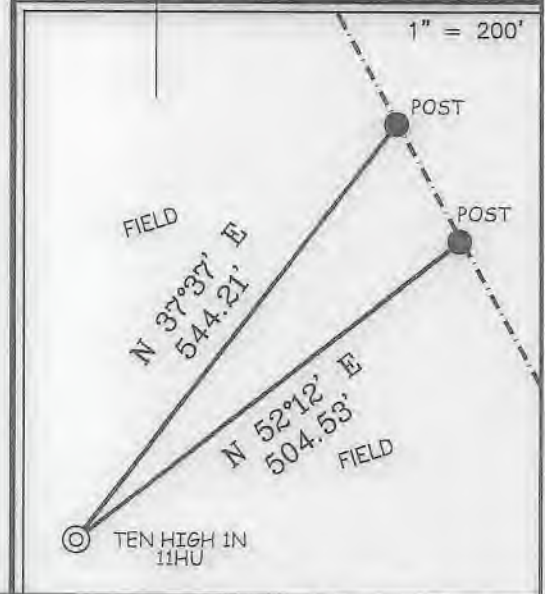
BOTTOM HOLE

NAD'83 S.P.C.(FT)	N. 486,117.2	E. 1,831,103.9
NAD'83 GEO.	LAT-(N) 39.828443	LONG-(W) 80.701384
NAD'83 UTM (M)	N. 4,408,759.0	E. 525,553.5

MAP/PARCEL	ADJOINING SURFACE OWNER LIST	ACRES
9-1-13.1	BURDETTE L. BEUCKE	14.236
9-1-13.3	CNX LAND LLC	8.127
9-1-13.4	MACK L. CROW	4.273
9-1-13.5	MACK L. CROW	2.491
9-1-13.6	GERALD E. LOGSDON, ET UX	7.621
9-1-13.7	SHARON D. TUCKER	7.817
9-5-5.1	DAVID M. TOLER, ET UX	0.985
9-5-6.1	JON B. CRAWFORD	4.679
9-5-6.4	NANCY L. SNYDER	0.694
9-5-6.6	NANCY L. SNYDER	0.420
9-5-6.7	NANCY L. SNYDER	0.678
9-5-6.8	NANCY L. SNYDER	0.691
9-5-10	BETTY R. OTT	0.933
9-5-20	KEITH WILSON - DONALD E. LEACH (LIFE ESTATE)	6.924
9-5-21	RALPH E. WELLMAN, ET UX	1.00
9-5-22	RALPH E. WELLMAN, ET UX	0.5
9-5-23	RALPH E. WELLMAN, ET UX	1.00
9-5-24	ALVIE & MARCELLA DARRAH	1.986

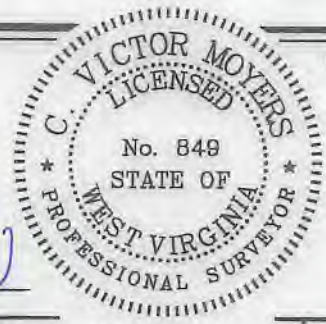
TAG	SURFACE OWNER	PARCEL	ACRES
A	LAWRENCE & SHIRLEY CONKLE ESTS	9-7-24	139.79
B	ROBERT G. HUBBS & SCARLETTE E. OTTE	9-7-12.1	86.363
C	RONALD MOORE, ET UX	9-7-12	16.587
D	LAWRENCE & SHIRLEY CONKLE ESTS	9-7-22	12.00
E	RICKY L. WHITLATCH	9-7-30	72.82
F	ANDREW COREY WHITLATCH	9-7-30.1	4.55
G	RONALD MOORE, ET UX	9-7-13	51.49
H	RICKY L. WHITLATCH	9-7-15	7.54
I	ARNIE GOODNIGHT, ET UX	9-7-14	39.55
J	TERESA L. HORNER WITH JERRY G. & CAROLYN K. FLETCHER (LIFE ESTATE)	9-7-6	103.30
K	ARNIE GOODNIGHT, ET UX	9-7-5	62.18
L	HELEN ROBERTSON PAYNE	9-5-3	85.26
M	ELMER ASTON	9-5-4	108.225
N	MICHAEL JOSEPH SNYDER	9-5-5.4	64.00
O	KELLY WILSON WITH DONLD E. LEACH (LIFE ESTATE)	9-5-18	5.807
P	CARLA SUE CROW	9-5-17	6.341
Q	MICHAEL JOSEPH SNYDER	9-5-5	35.02
R	CONSOLIDATION COAL COMPANY	9-5-4.1	22.775
S	MICHAEL JOSEPH SNYDER & NANCY L. SNYDER	9-5-5.3	1.870
T	LINDA GORBY DELBERT	9-5-6.5	1.087
U	DEUTSCHE BANK NATIONAL TRUST CO.	9-5-6.3	1.391
V	PETER PARKER	9-5-5.2	0.873
W	ALICIA JANE MARTIN	9-1-14	2.4602
X	ALICE J. & DOUGLAS J. MARTIN	9-1-14.1	0.905
Y	NANCY L. SNYDER	9-5-6	82.858
Z	MICHAEL JOSEPH SNYDER	9-5-6.2	2.82
AA	BOARD OF EDUCATION	NOT ASSD	NOT ASSD
BB	BOARD OF EDUCATION	NOT ASSD	NOT ASSD
CC	RANDALL A. KEREKES	9-1-13.2	1.518
DD	CNX LAND RESOURCES	NOT ASSD	10+/-

REFERENCES



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
slsvv.com

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 *C. Victor Moyers*

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
DATE JULY 21, 2017
REVISED 01/10/18, 02/08/18, 02/20/18, 03/29/18, 09/26/18, 09/19/19, 10/23/19, 11/12/19, 07/08/20
OPERATORS WELL NO. TEN HIGH 1N-11HU
API WELL NO. 47 - 051 - 01960
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 8655P11HUR10.dwg
TEN HIGH 1N 11HU Rev9
HORIZONTAL & VERTICAL CONTROL DETERMINED BY DGPS (SURVEY GRADE TIE TO CORS NETWORK) SCALE 1" = 2000'

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

WELL TYPE: OIL GAS INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW

LOCATION: GROUND = 1,321.10' ELEVATION PROPOSED = 1,310.06' WATERSHED MIDDLE BOWMAN RUN OF FISH CREEK (HUC-10)
DISTRICT MEADE COUNTY MARSHALL QUADRANGLE GLEN EASTON 7.5'

SURFACE OWNER LAWRENCE & SHIRLEY CONKLE ESTS ACREAGE 139.79±
ROYALTY OWNER LARRY LEE CONKLE, ET AL - SEE ADDITIONAL SHEETS ACREAGE 139.79±

PROPOSED WORK: LEASE NO. SEE ADDITIONAL SHEETS
DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER
PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION POINT PLEASANT
ESTIMATED DEPTH TVD: 11,911' / TMD: 21,195'

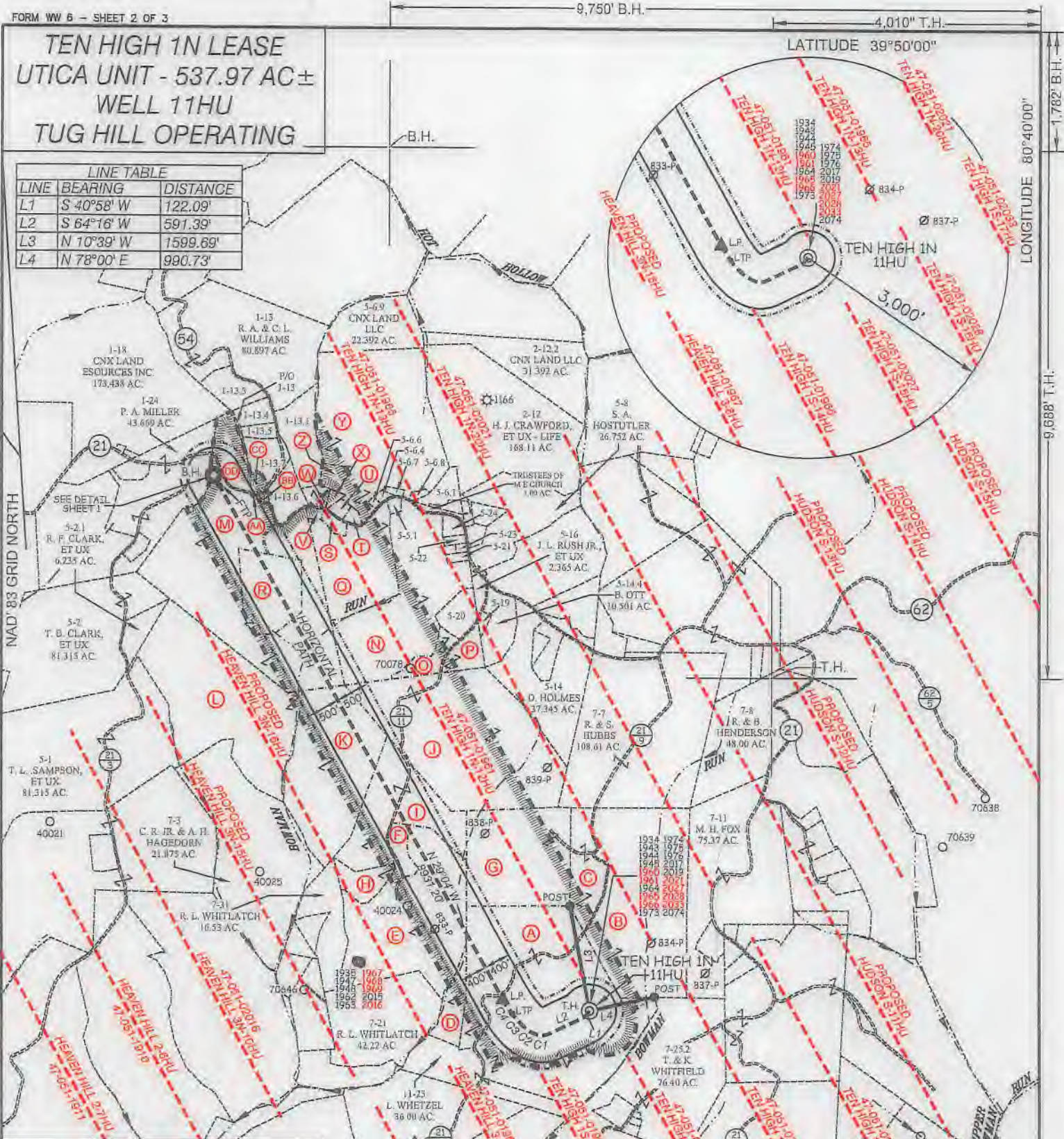
WELL OPERATOR TUG HILL OPERATING, LLC DESIGNATED AGENT DIANNA STAMPER
ADDRESS 1320 SOUTH UNIVERSITY DRIVE, SUITE 500 ADDRESS CT CORPORATION SYSTEM
FORT WORTH, TX 76107 ADDRESS 5400 D BIG TYLER ROAD
CHARLESTON, WV 25313

COUNTY NAME PERMIT

**TEN HIGH 1N LEASE
UTICA UNIT - 537.97 AC±
WELL 11HU
TUG HILL OPERATING**

LINE TABLE

LINE	BEARING	DISTANCE
L1	S 40°58' W	122.09'
L2	S 64°16' W	591.39'
L3	N 10°39' W	1599.69'
L4	N 78°00' E	990.73'



NAD'83 GRID NORTH

LONGITUDE 80°40'00"

9,688' T.H.

COUNTY NAME

PERMIT



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
slsvw.com

CURVE TABLE

CURVE	ARC LENGTH	RADIUS	CHORD BEARING	CHORD LENGTH
C1	188.38'	246.91'	S 87°45' W	183.84'
C2	183.64'	504.97'	N 60°08' W	182.63'
C3	253.98'	1200.49'	N 43°36' W	253.51'
C4	307.59'	1990.90'	N 33°25' W	307.29'

P.S. 849 *C. Victor Moyers*

(S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)

NAD'83 S.P.C.(FT)	N. 478,135.99	E. 1,636,740.94
NAD'83 GEO.	LAT-(N) 39.806737	LONG-(W) 80.680940
NAD'83 UTM (M)	N. 4,406,355.98	E. 527,311.49
LANDING POINT		
NAD'83 S.P.C.(FT)	N. 478,310.3	E. 1,635,442.0
NAD'83 GEO.	LAT-(N) 39.807170	LONG-(W) 80.685572
NAD'83 UTM (M)	N. 4,406,402.7	E. 526,914.9
BOTTOM HOLE		
NAD'83 S.P.C.(FT)	N. 486,117.2	E. 1,631,103.9
NAD'83 GEO.	LAT-(N) 39.828443	LONG-(W) 80.701384
NAD'83 UTM (M)	N. 4,408,789.0	E. 525,553.5



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

LEGEND

- UNIT BOUNDARY
- LEASED TRACTS INSIDE UNIT BOUNDARY
- SURFACE LINE
- PROPOSED UTICA
- WELL LATERAL
- 400' OFFSET LINE
- 500' OFFSET LINE
- TIE LINE
- CREEK
- ROAD
- PROPOSED FIRST TAKE POINT
- PROPOSED LAST TAKE POINT
- COUNTY ROUTE
- PROPOSED WELL
- EXISTING WELL
- PERMITTED WELL
- SURFACE OWNER (SEE TABLE)
- LEASE # (SEE ADDITIONAL SHEETS)

SCALE 1" = 2000' FILE NO. 8655P11HUR10.dwg
DATE JULY 21, 2017
REVISED 01/10/18, 02/08/18, 02/20/18, 03/29/18, 09/26/18, 09/19/19, 10/23/19, 11/12/19, 07/08/20
OPERATORS WELL NO. TEN HIGH 1N-11HU
API WELL NO. 47 - 051 - 01960
STATE COUNTY PERMIT

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

WELL OPERATOR	TUG HILL OPERATING, LLC	DESIGNATED AGENT	DIANNA STAMPER
ADDRESS	1320 SOUTH UNIVERSITY DRIVE, SUITE 500 FORT WORTH, TX 76107	ADDRESS	CT CORPORATION SYSTEM 5400 D BIG TYLER ROAD CHARLESTON, WV 25313

TEN HIGH 1N LEASE
 UTICA UNIT - 537.97 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

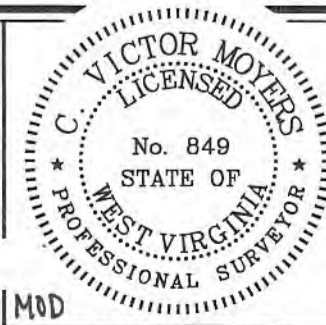
slswv.com

No.	Lease Name or No.	Tag	Parcel	Grantors, Lessors, etc.	Deed Book/Page
1	10*15562	A	9-7-24	LARRY LEE CONKLE, ET AL	863 354
2	10*15501	B	9-7-12.1	RONALD AND EDNA MOORE	661 449
3	10*15501	C	9-7-12	RONALD AND EDNA MOORE	661 449
4	10*15486	D	9-7-22	RICHARD NEAL NORRIS AND CAROL NORRIS, ET AL	905 430
5	10*15557	E	9-7-30	RICKY L WHITLATCH ET AL	780 226
6	10*15557	F	9-7-30.1	RICKY L WHITLATCH ET AL	780 226
7	10*15501	G	9-7-13	RONALD AND EDNA MOORE	661 449
8	10*15557	H	9-7-15	RICKY L WHITLATCH ET AL	780 226
9	10*15558	I	9-7-14	ARNIE AND BOBBIE B GOODNIGHT	777 59
10	10*15500	J	9-7-6	JERRY FLETCHER AND CAROLYN FLETCHER, HUSBAND AND WIFE	661 154
11	10*15502	J	9-7-6	SHERWOOD YEATER	748 268
12	10*15558	K	9-7-5	ARNIE AND BOBBIE B GOODNIGHT	777 59
13	10*21588	L	9-5-3	LAWRENCE ALLEN WAYT, ET AL	687 233
14	10*15481	M	9-5-4	DEAN P RIGBY AND SUSAN RIGBY, ET AL	908 197
15	10*15481	N	9-5-5.4	DEAN P RIGBY AND SUSAN RIGBY, ET AL	908 197
16	10*15481	O	9-5-18	DEAN P RIGBY AND SUSAN RIGBY, ET AL	908 197
17	10*15481	P	9-5-17	DEAN P RIGBY AND SUSAN RIGBY, ET AL	908 197
18	10*15481	Q	9-5-5	DEAN P RIGBY AND SUSAN RIGBY, ET AL	908 197
19	10*15482	R	9-5-4.1	SUSAN NELSON, ET AL	908 203
20	10*15482	S	9-5-5.3	SUSAN NELSON, ET AL	908 203
21	10*16448	T	9-5-6.5	RALPH L AND JUANITA L CRIM, ET AL	908 584
22	10*16448	U	9-5-6.3	RALPH L AND JUANITA L CRIM, ET AL	908 584
23	10*15482	V	9-5-5.2	SUSAN NELSON, ET AL	908 203
24	10*16448	W	9-1-14	RALPH L AND JUANITA L CRIM, ET AL	908 584
25	10*16448	X	9-1-14.1	RALPH L AND JUANITA L CRIM, ET AL	908 584
26	10*16448	Y	9-5-6	RALPH L AND JUANITA L CRIM, ET AL	908 584
27	10*16448	Z	9-5-6.2	RALPH L AND JUANITA L CRIM, ET AL	908 584
28	10*24536	AA	NOT ASSD	MARSHALL COUNTY BOARD OF EDUCATION	1026 67
29	10*24536	BB	NOT ASSD	MARSHALL COUNTY BOARD OF EDUCATION	1026 67
30	10*15482	CC	9-1-13.2	SUSAN NELSON, ET AL	908 203
31	10*21695	DD	NOT ASSD	ROBERT A WILLIAMS & CHERLY L WILLIAMS	947 521

FILE NO. 8655P11HUR10.dwg
 TEN HIGH 1N 11HU Rev9

DATE JULY 21, 20 17
 REVISED 01/10/18, 02/08/18, 02/20/18, 03/29/18,
 09/26/18, 09/19/19, 10/23/19, 11/12/19, 07/08/20

OPERATORS WELL NO. TEN HIGH 1N-11HU
 API WELL NO. 47 — 051 — 01960
 STATE COUNTY PERMIT



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



P.S. 849 *C. Victor Moyers*

WELL OPERATOR TUG HILL OPERATING, LLC
 ADDRESS 1320 SOUTH UNIVERSITY DRIVE, SUITE 500
 FORT WORTH, TX 76107

DESIGNATED AGENT DIANNA STAMPER
 ADDRESS 5400 D BIG TYLER ROAD
 CHARLESTON, WV 25313

COUNTY NAME

PERMIT

4705101960 *msd*

WW-6A1
(5/13)

Operator's Well No. Ten High 1N-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 Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
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*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.

RECEIVED
Office of Oil and Gas

NOV 14 2019

WV Department of
Environmental Protection

Well Operator: Tug Hill Operating, LLC
 By: Amy L. Miller *[Signature]*
 Its: Permitting Specialist - Appalachia Region

Lease ID	Parcel	Tag	Grantor, Lessor, Etc.	Grantee, Lessee, Etc.	Royalty	Deed Book/Page	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	
10*15662	9-7-24	A	LARRY LEE CONKLE	CHEVRON USA INC	1/8+	863 354	N/A	N/A	N/A	N/A	N/A	N/A	
10*15663	9-7-24	A	ROY A CONKLE SR AND LORIE A CONKLE	CHEVRON USA INC	1/8+	863 311	N/A	N/A	N/A	N/A	N/A	N/A	
10*15664	9-7-24	A	TERESA A HUGHES	CHEVRON USA INC	1/8+	863 343	N/A	N/A	N/A	N/A	N/A	N/A	
10*15666	9-7-24	A	BRENDA J WHETZEL	CHEVRON USA INC	1/8+	863 635	N/A	N/A	N/A	N/A	N/A	N/A	
10*16049	9-7-24	A	DANNY SHAWN KERNS AND AMY LYNN KERNS	TH EXPLORATION LLC	1/8+	905 518	N/A	N/A	N/A	N/A	N/A	N/A	
10*16138	9-7-24	A	LARRY W KUHN AND VICKIE B KUHN, HUSBAND AND WIFE	TH EXPLORATION LLC	1/8+	905 522	N/A	N/A	N/A	N/A	N/A	N/A	
10*16139	9-7-24	A	HUBERT DEAN KUHN AND ANDREA KUHN	TH EXPLORATION LLC	1/8+	905 524	N/A	N/A	N/A	N/A	N/A	N/A	
10*16140	9-7-24	A	ANDY PAUL KUHN	TH EXPLORATION LLC	1/8+	905 526	N/A	N/A	N/A	N/A	N/A	N/A	
10*16141	9-7-24	A	HOWARD L KUHN AND MARY L KUHN	TH EXPLORATION LLC	1/8+	905 528	N/A	N/A	N/A	N/A	N/A	N/A	
10*16820	9-7-24	A	ROBERTA ANN GIBB AND DAVID S GIBB	TH EXPLORATION LLC	1/8+	919 237	N/A	N/A	N/A	N/A	N/A	N/A	
10*17365	9-7-24	A	MYSTI JOANNE GOODMAN	TH EXPLORATION LLC	1/8+	927 468	N/A	N/A	N/A	N/A	N/A	N/A	
10*17370	9-7-24	A	KELLY JUNE GOODMAN	TH EXPLORATION LLC	1/8+	927 470	N/A	N/A	N/A	N/A	N/A	N/A	
10*18256	9-7-24	A	JEFFREY STEPHEN GOODMAN	TH EXPLORATION LLC	1/8+	929 1	N/A	N/A	N/A	N/A	N/A	N/A	
10*47051.295.3	9-7-24	A	HAZEL ARIZONA MOORE REYNOLDS	TH EXPLORATION LLC	1/8+	904 632	N/A	N/A	N/A	N/A	N/A	N/A	
10*47051.295.4	9-7-24	A	LLOYD D MOORE	TH EXPLORATION LLC	1/8+	904 459	N/A	N/A	N/A	N/A	N/A	N/A	
10*47051.295.5	9-7-24	A	DALE R MOORE	TH EXPLORATION LLC	1/8+	904 635	N/A	N/A	N/A	N/A	N/A	N/A	
10*47051.295.6	9-7-24	A	MARY I BURKHART	TH EXPLORATION LLC	1/8+	904 638	N/A	N/A	N/A	N/A	N/A	N/A	
10*47051.295.7	9-7-24	A	JEANNE V MELCHIORI	TH EXPLORATION LLC	1/8+	904 462	N/A	N/A	N/A	N/A	N/A	N/A	
10*47051.295.9	9-7-24	A	JAMES E HIMELRICK JR AND KAREN HIMELRICK	TH EXPLORATION LLC	1/8+	904 465	N/A	N/A	N/A	N/A	N/A	N/A	
10*47051.295.10	9-7-24	A	DEENA J PALOMO	TH EXPLORATION LLC	1/8+	905 470	N/A	N/A	N/A	N/A	N/A	N/A	
10*47051.295.11	9-7-24	A	REGINA D FIGUEROA AND DAVID FIGUEROA	TH EXPLORATION LLC	1/8+	905 435	N/A	N/A	N/A	N/A	N/A	N/A	
10*47051.295.12	9-7-24	A	EARL D WELLMAN	TH EXPLORATION LLC	1/8+	905 432	N/A	N/A	N/A	N/A	N/A	N/A	
10*47051.295.13	9-7-24	A	THE DOLLYE F WOOD REVOCABLE TRUST BY NICHOLAS CHARLES WOOD AS TRUSTEE	TH EXPLORATION LLC	1/8+	904 641	N/A	N/A	N/A	N/A	N/A	N/A	
10*15501	9-7-12.1	B	RONALD AND EDNA MOORE	TRIENERGY INC	1/8+	661 449	TriEnergy Inc to AB Resources LLC: 20/252	TriEnergy Inc to TriEnergy Holdings LLC: 21/148	AB Resources LLC to Chief E&D LLC & Radler 2000 LP: 24/319	Chief ED LLC, Chief O&G LLC, Radler 2000 LP and Enerplus Resources USA Corp to Chevron USA Inc: 25/1 & 25/105	AB Resources LLC to Chevron USA Inc: 756/379	TriEnergy Holdings LLC & TriEnergy nc to Chevron USA Inc: 28/356	Chevron USA Inc to TH Exploration LLC: 36/148 & 40/127
10*15501	9-7-12	C	RONALD AND EDNA MOORE	TRIENERGY INC	1/8+	661 449	TriEnergy Inc to AB Resources LLC: 20/252	TriEnergy Inc to TriEnergy Holdings LLC: 21/148	AB Resources LLC to Chief E&D LLC & Radler 2000 LP: 24/319	Chief ED LLC, Chief O&G LLC, Radler 2000 LP and Enerplus Resources USA Corp to Chevron USA Inc: 25/1 & 25/105	AB Resources LLC to Chevron USA Inc: 756/379	TriEnergy Holdings LLC & TriEnergy nc to Chevron USA Inc: 28/356	Chevron USA Inc to TH Exploration LLC: 36/148 & 40/127
10*15486	9-7-22	D	RICHARD NEAL NORRIS AND CAROL NORRIS	TH EXPLORATION LLC	1/8+	905 430	N/A	N/A	N/A	N/A	N/A	N/A	
10*15487	9-7-22	D	WILLIAM C RUTAN	TH EXPLORATION LLC	1/8+	905 475	N/A	N/A	N/A	N/A	N/A	N/A	
10*15489	9-7-22	D	DONALD T SNODGRASS AND LILA F SNODGRASS	TH EXPLORATION LLC	1/8+	915 189	N/A	N/A	N/A	N/A	N/A	N/A	
10*15492	9-7-22	D	HEATHER WHORTON STILLION AND CHRISTOPHER STILLION	TH EXPLORATION LLC	1/8+	905 473	N/A	N/A	N/A	N/A	N/A	N/A	
10*15609	9-7-22	D	MICHELLE R WILHELM	CHEVRON USA INC	1/8+	834 456	N/A	N/A	N/A	N/A	N/A	N/A	
10*15610	9-7-22	D	SARAH STEVENS	CHEVRON USA INC	1/8+	834 432	N/A	N/A	N/A	N/A	N/A	N/A	
10*15611	9-7-22	D	ROBERT S ZEHNDER	CHEVRON USA INC	1/8+	834 437	N/A	N/A	N/A	N/A	N/A	N/A	
10*15612	9-7-22	D	VERA SHIRLENE & ARTHUR WORKMAN	CHEVRON USA INC	1/8+	837 361	N/A	N/A	N/A	N/A	N/A	N/A	
10*15613	9-7-22	D	THOMAS L STEVENS	CHEVRON USA INC	1/8+	836 290	N/A	N/A	N/A	N/A	N/A	N/A	
10*15614	9-7-22	D	DAVID F RINE	CHEVRON USA INC	1/8+	837 130	N/A	N/A	N/A	N/A	N/A	N/A	
10*15615	9-7-22	D	PAUL WAYNE RINE	CHEVRON USA INC	1/8+	837 133	N/A	N/A	N/A	N/A	N/A	N/A	

47051.295.10

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Office of Oil and Gas

NOV 14 2019

4705101960 MOD

Lease ID	Parcel	Tag	Grantor, Lessor, Etc.	Grantee, Lessee, Etc.	Royalty	Deed Book/Page		Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	
10*15616	9-7-22	D	PHILLIP C RINE	CHEVRON USA INC	1/8+	836	332	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration: 36/148
10*15617	9-7-22	D	GLADYS M RINE	CHEVRON USA INC	1/8+	836	329	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration: 36/148
10*15618	9-7-22	D	CHARLES A RINE	CHEVRON USA INC	1/8+	835	22	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration: 36/148
10*15619	9-7-22	D	SHARON M REYNOLDS	CHEVRON USA INC	1/8+	840	322	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration: 36/148
10*15620	9-7-22	D	GLADYS RUCKMAN	CHEVRON USA INC	1/8+	840	319	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration: 36/148
10*15621	9-7-22	D	KATHERINE A STALNAKER	CHEVRON USA INC	1/8+	840	325	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration: 36/148
10*15622	9-7-22	D	JAY LEROY RINE	CHEVRON USA INC	1/8+	840	351	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration: 36/148
10*15623	9-7-22	D	SUSAN JANE WHEELER	CHEVRON USA INC	1/8+	847	473	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration: 36/148
10*15624	9-7-22	D	RONALD A ZEHNDER	CHEVRON USA INC	1/8+	847	213	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration: 36/148
10*15625	9-7-22	D	LAWRENCE W STIRLING	CHEVRON USA INC	1/8+	852	384	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration: 36/148
10*15626	9-7-22	D	ROBERT J SEAVER	CHEVRON USA INC	1/8+	854	77	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration: 36/148
10*15627	9-7-22	D	PAULA R SEAVER	CHEVRON USA INC	1/8+	853	483	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration: 36/148
10*15628	9-7-22	D	JENNIFER SEAVER	CHEVRON USA INC	1/8+	853	272	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration: 36/148
10*15629	9-7-22	D	DANIEL L RINE	CHEVRON USA INC	1/8+	860	86	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration: 36/148
10*15630	9-7-22	D	JANE L HELFFER	CHEVRON USA INC	1/8+	836	342	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration: 36/148
10*15631	9-7-22	D	DAVID HEINZEROTH	CHEVRON USA INC	1/8+	836	219	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration: 36/148
10*15632	9-7-22	D	MARIAN D JONES	CHEVRON USA INC	1/8+	835	38	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration: 36/148
10*15633	9-7-22	D	ROGER W GATTS	CHEVRON USA INC	1/8+	835	35	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration: 36/148
10*15634	9-7-22	D	JAMES W DAYTON	CHEVRON USA INC	1/8+	847	567	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration: 36/148
10*15635	9-7-22	D	ELLEN L BETTINAZZI	CHEVRON USA INC	1/8+	847	496	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration: 36/148
10*15636	9-7-22	D	JOSEPH ASTON JR BY HIS ATTORNEY-IN-FACT MELVIN J. ASTON	CHEVRON USA INC	1/8+	848	280	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration: 36/148
10*15637	9-7-22	D	DONALD ASTON	CHEVRON USA INC	1/8+	848	274	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration: 36/148
10*15638	9-7-22	D	PAUL J ASTON A/K/A JACK ASTON	CHEVRON USA INC	1/8+	848	277	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration: 36/148

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10*15639	9-7-22	D	DELLA M BURKEY A/K/A MAXINE ASTON	CHEVRON USA INC	1/8+	848	435	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration: 36/148
10*15640	9-7-22	D	EMMA JANE DAVIS A/K/A EMA ASTON	CHEVRON USA INC	1/8+	848	271	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration: 36/148
10*15641	9-7-22	D	HENRY W ASTON	CHEVRON USA INC	1/8+	847	138	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration: 36/148
10*15642	9-7-22	D	KENNETH L DAYTON	CHEVRON USA INC	1/8+	852	366	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration: 36/148
10*15643	9-7-22	D	NORMAN G JOHNSON	CHEVRON USA INC	1/8+	848	363	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration: 36/148
10*15644	9-7-22	D	RONALD BEN LAUGHTON	CHEVRON USA INC	1/8+	852	360	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration: 36/148
10*15645	9-7-22	D	KAREN K OLDFIELD	CHEVRON USA INC	1/8+	854	111	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration: 36/148
10*15646	9-7-22	D	JUDITH A CIRONE	CHEVRON USA INC	1/8+	848	428	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration: 36/148
10*15647	9-7-22	D	KENNETH WENDELL OLDFIELD	CHEVRON USA INC	1/8+	861	589	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration: 36/148
10*15648	9-7-22	D	MARTHA CRAWFORD	CHEVRON USA INC	1/8+	863	542	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration: 36/148
10*15649	9-7-22	D	MARY JANE DANIEL	CHEVRON USA INC	1/8+	858	28	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration: 36/148
10*15650	9-7-22	D	MARY GLADYS KUHN BY ATTORNEY IN FACT CONNIE LYONS	CHEVRON USA INC	1/8+	860	89	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration: 36/148
10*15651	9-7-22	D	THOMAS G ASTON	CHEVRON USA INC	1/8+	860	83	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration: 36/148
10*15652	9-7-22	D	ISAAC R ASTON A/K/A IKE ASTON	CHEVRON USA INC	1/8+	886	136	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration: 36/148
10*15653	9-7-22	D	EMILY M HENCEROOTH	CHEVRON USA INC	1/8+	862	574	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration: 36/148
10*15654	9-7-22	D	GEORGE E HENNIGER	CHEVRON USA INC	1/8+	863	612	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration: 36/148
10*15655	9-7-22	D	ANNA EMERSON A/K/A ANNIE ASTON	CHEVRON USA INC	1/8+	864	603	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration: 36/148
10*15656	9-7-22	D	PATTY L MYERS	CHEVRON USA INC	1/8+	867	100	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration: 36/148
10*15657	9-7-22	D	MARY MARGARET ASTON	CHEVRON USA INC	1/8+	868	283	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration: 36/148
10*15658	9-7-22	D	GLEN MATTHEW LAUGHTON	CHEVRON USA INC	1/8+	873	324	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration: 36/148
10*15659	9-7-22	D	WILLIAM E DAYTON BY HIS AIF	CHEVRON USA INC	1/8+	871	190	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration: 36/148
10*15660	9-7-22	D	DOUGLAS PAUL HENCEROOTH BY HIS AIF	CHEVRON USA INC	1/8+	871	193	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration: 36/148
10*15662	9-7-22	D	LARRY LEE CONKLE	CHEVRON USA INC	1/8+	863	354	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration: 36/148

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10*15663	9-7-22	D	ROY A CONKLE SR AND LORIE A CONKLE	CHEVRON USA INC	1/8+	863 311	N/A	N/A	N/A	N/A	N/A	N/A
10*15664	9-7-22	D	TERESA A HUGHES	CHEVRON USA INC	1/8+	863 343	N/A	N/A	N/A	N/A	N/A	N/A
10*15666	9-7-22	D	BRENDA J WHETZEL	CHEVRON USA INC	1/8+	863 635	N/A	N/A	N/A	N/A	N/A	N/A
10*15673	9-7-22	D	DIANE B ASTON	CHEVRON USA INC	1/8+	864 595	N/A	N/A	N/A	N/A	N/A	N/A
10*15679	9-7-22	D	CARA BONAR FREESE AND GEORGE H FREESE	TH EXPLORATION LLC	1/8+	905 481	N/A	N/A	N/A	N/A	N/A	N/A
10*15680	9-7-22	D	ROBERTA JANE CLAYTON	TH EXPLORATION LLC	1/8+	905 485	N/A	N/A	N/A	N/A	N/A	N/A
10*15688	9-7-22	D	JOSH GARY AND CHRISTINA M GARY	TH EXPLORATION LLC	1/8+	905 487	N/A	N/A	N/A	N/A	N/A	N/A
10*15689	9-7-22	D	JOHN LEROY BAKER AND CYNTHIA A BAKER	TH EXPLORATION LLC	1/8+	905 491	N/A	N/A	N/A	N/A	N/A	N/A
10*15690	9-7-22	D	ROBERT WHORTON AND LINDSAY WHORTON	TH EXPLORATION LLC	1/8+	905 489	N/A	N/A	N/A	N/A	N/A	N/A
10*15728	9-7-22	D	MARY LOU KITTELBERGER AND FREDERICK W KITTELBERGER	TH EXPLORATION LLC	1/8+	905 483	N/A	N/A	N/A	N/A	N/A	N/A
10*15729	9-7-22	D	DONNA KAY ALLEN AND ROGER ALLEN	TH EXPLORATION LLC	1/8+	905 493	N/A	N/A	N/A	N/A	N/A	N/A
10*15747	9-7-22	D	WILLIAM H BAKER	TH EXPLORATION LLC	1/8+	905 499	N/A	N/A	N/A	N/A	N/A	N/A
10*15748	9-7-22	D	CAROLYN LEE FUREY AND MARTIN J FUREY	TH EXPLORATION LLC	1/8+	905 495	N/A	N/A	N/A	N/A	N/A	N/A
10*15749	9-7-22	D	DIANA SMITH KNIGHT	TH EXPLORATION LLC	1/8+	905 497	N/A	N/A	N/A	N/A	N/A	N/A
10*16019	9-7-22	D	ROGER E GALLAGHER AND CONIE M GALLAGHER	TH EXPLORATION LLC	1/8+	905 503	N/A	N/A	N/A	N/A	N/A	N/A
10*16029	9-7-22	D	MARTHA ASHWORTH KNIGHT	TH EXPLORATION LLC	1/8+	905 505	N/A	N/A	N/A	N/A	N/A	N/A
10*16049	9-7-22	D	DANNY SHAWN KERNS AND AMY LYNN KERNS	TH EXPLORATION LLC	1/8+	905 518	N/A	N/A	N/A	N/A	N/A	N/A
10*16050	9-7-22	D	WILLIAM L GALLAGHER	TH EXPLORATION LLC	1/8+	905 512	N/A	N/A	N/A	N/A	N/A	N/A
10*16114	9-7-22	D	ROBERT SANDFORD BLACK AND JOAN BLACK	TH EXPLORATION LLC	1/8+	905 510	N/A	N/A	N/A	N/A	N/A	N/A
10*16123	9-7-22	D	PHYLLIS R GATTO	TH EXPLORATION LLC	1/8+	905 520	N/A	N/A	N/A	N/A	N/A	N/A
10*16138	9-7-22	D	LARRY W KUHN AND VICKIE B KUHN, HUSBAND AND WIFE	TH EXPLORATION LLC	1/8+	905 522	N/A	N/A	N/A	N/A	N/A	N/A
10*16139	9-7-22	D	HUBERT DEAN KUHN AND ANDREA KUHN	TH EXPLORATION LLC	1/8+	905 524	N/A	N/A	N/A	N/A	N/A	N/A
10*16140	9-7-22	D	ANDY PAUL KUHN	TH EXPLORATION LLC	1/8+	905 526	N/A	N/A	N/A	N/A	N/A	N/A
10*16141	9-7-22	D	HOWARD L KUHN AND MARY L KUHN	TH EXPLORATION LLC	1/8+	905 528	N/A	N/A	N/A	N/A	N/A	N/A
10*16177	9-7-22	D	JOSEPHINE BROWN	TH EXPLORATION LLC	1/8+	905 530	N/A	N/A	N/A	N/A	N/A	N/A
10*16179	9-7-22	D	DANA BERRY COPELAND	TH EXPLORATION LLC	1/8+	905 532	N/A	N/A	N/A	N/A	N/A	N/A
10*16287	9-7-22	D	CHARLINE M ENGLE AND KEVIN E ENGLE	TH EXPLORATION LLC	1/8+	905 534	N/A	N/A	N/A	N/A	N/A	N/A
10*16384	9-7-22	D	DANIELLE BONAR OSTER AND LOUIS MICHAEL OSTER	TH EXPLORATION LLC	1/8+	905 501	N/A	N/A	N/A	N/A	N/A	N/A
10*16389	9-7-22	D	CHARLES BERRY	TH EXPLORATION LLC	1/8+	905 508	N/A	N/A	N/A	N/A	N/A	N/A
10*16423	9-7-22	D	GAIL L VAUGHN AND LARRY VAUGHN	TH EXPLORATION LLC	1/8+	905 536	N/A	N/A	N/A	N/A	N/A	N/A
10*16426	9-7-22	D	RENE R RUTAN	TH EXPLORATION LLC	1/8+	905 538	N/A	N/A	N/A	N/A	N/A	N/A
10*16440	9-7-22	D	MELANIE C WILKINS AND ROBERT WILKINS	TH EXPLORATION LLC	1/8+	927 462	N/A	N/A	N/A	N/A	N/A	N/A
10*16513	9-7-22	D	LOWELL D AND JANICE L KNIGHT	TH EXPLORATION LLC	1/8+	927 458	N/A	N/A	N/A	N/A	N/A	N/A
10*16546	9-7-22	D	WALTER C RINE AND CHERYL A RINE	TH EXPLORATION LLC	1/8+	927 456	N/A	N/A	N/A	N/A	N/A	N/A
10*16558	9-7-22	D	PAUL BONAR KNIGHT AND SUZANNE L HOPKINS-KNIGHT	TH EXPLORATION LLC	1/8+	927 460	N/A	N/A	N/A	N/A	N/A	N/A
10*16820	9-7-22	D	ROBERTA ANN GIBB AND DAVID S GIBB	TH EXPLORATION LLC	1/8+	919 237	N/A	N/A	N/A	N/A	N/A	N/A
10*16844	9-7-22	D	HOLLY A LONGFELLOW	TH EXPLORATION LLC	1/8+	927 454	N/A	N/A	N/A	N/A	N/A	N/A
10*16845	9-7-22	D	TRACY L AND KEITH W BARNBY	TH EXPLORATION LLC	1/8+	927 452	N/A	N/A	N/A	N/A	N/A	N/A
10*16896	9-7-22	D	MARTHA J BLACK	TH EXPLORATION LLC	1/8+	927 450	N/A	N/A	N/A	N/A	N/A	N/A
10*17365	9-7-22	D	MYSTI JOANNE GOODMAN	TH EXPLORATION LLC	1/8+	927 468	N/A	N/A	N/A	N/A	N/A	N/A
10*17370	9-7-22	D	KELLY JUNE GOODMAN	TH EXPLORATION LLC	1/8+	927 470	N/A	N/A	N/A	N/A	N/A	N/A
10*17497	9-7-22	D	SUZANNA DOOLING AND MICHAEL DOOLING	TH EXPLORATION LLC	1/8+	927 464	N/A	N/A	N/A	N/A	N/A	N/A
10*17584	9-7-22	D	WILLIAM THOMAS BONAR AND MONICA BONAR	TH EXPLORATION LLC	1/8+	927 466	N/A	N/A	N/A	N/A	N/A	N/A
10*17625	9-7-22	D	CHARLES E BROWN	TH EXPLORATION LLC	1/8+	929 624	N/A	N/A	N/A	N/A	N/A	N/A
10*18256	9-7-22	D	JEFFREY STEPHEN GOODMAN	TH EXPLORATION LLC	1/8+	929 1	N/A	N/A	N/A	N/A	N/A	N/A
10*18415	9-7-22	D	CHAD LONGFELLOW	TH EXPLORATION LLC	1/8+	932 575	N/A	N/A	N/A	N/A	N/A	N/A
10*18514	9-7-22	D	JOHN R BERRY	TH EXPLORATION LLC	1/8+	933 569	N/A	N/A	N/A	N/A	N/A	N/A
10*18522	9-7-22	D	MARTIN REED BROWN AND DOLORES BROWN	TH EXPLORATION LLC	1/8+	933 558	N/A	N/A	N/A	N/A	N/A	N/A
10*19391	9-7-22	D	JEFF BERRY AND AMY BERRY	TH EXPLORATION LLC	1/8+	940 340	N/A	N/A	N/A	N/A	N/A	N/A
10*19406	9-7-22	D	WILLIAM KENT BROWN AND KAYLEEN BROWN	TH EXPLORATION LLC	1/8+	939 289	N/A	N/A	N/A	N/A	N/A	N/A
10*21960	9-7-22	D	AKRON BAPTIST TEMPLE	TH EXPLORATION LLC	1/8+	960 22	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.295.3	9-7-22	D	HAZEL ARIZONA MOORE REYNOLDS	TH EXPLORATION LLC	1/8+	904 632	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.295.4	9-7-22	D	LLOYD D MOORE	TH EXPLORATION LLC	1/8+	904 459	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.295.5	9-7-22	D	DALE R MOORE	TH EXPLORATION LLC	1/8+	904 635	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.295.6	9-7-22	D	MARY I BURKHART	TH EXPLORATION LLC	1/8+	904 638	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.295.7	9-7-22	D	JEANNE V MELCHIORI	TH EXPLORATION LLC	1/8+	904 462	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.295.9	9-7-22	D	JAMES E HIMELRICK JR AND KAREN HIMELRICK	TH EXPLORATION LLC	1/8+	904 465	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.295.10	9-7-22	D	DEENA J PALOMO	TH EXPLORATION LLC	1/8+	905 470	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.295.11	9-7-22	D	REGINA D FIGUEROA AND DAVID FIGUEROA	TH EXPLORATION LLC	1/8+	905 435	N/A	N/A	N/A	N/A	N/A	N/A

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10*47051.295.12	9-7-22	D	EARL D WELLMAN	TH EXPLORATION LLC	1/8+	905 432	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
10*47051.295.13	9-7-22	D	THE DOLLYE F WOOD REVOCABLE TRUST BY NICHOLAS CHARLES WOOD AS TRUSTEE	TH EXPLORATION LLC	1/8+	904 641	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
10*15557	9-7-30	E	RICKY L WHITLATCH ET AL	CHEVRON USA INC	1/8+	780 226	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration LLC: 36/148 & 37/437		
10*15557	9-7-30.1	F	RICKY L WHITLATCH ET AL	CHEVRON USA INC	1/8+	780 226	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration LLC: 36/148 & 37/437	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1	Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105	
10*15501	9-7-13	G	RONALD AND EDNA MOORE	TRIENERGY INC	1/8+	661 449	TriEnergy Inc to AB Resources LLC: 20/252	TriEnergy Inc to TriEnergy Holdings LLC: 21/148	AB Resources LLC to Chief E&D LLC & Radler 2000 LP: 24/319	Chief ED LLC, Chief O&G LLC, Radler 2000 LP and Enerplus Resources USA Corp to Chevron USA Inc: 25/1 & 25/105	AB Resources LLC to Chevron USA Inc: 756/379	TriEnergy Holdings LLC & TriEnergy nc to Chevron USA Inc: 28/356	Chevron USA Inc to TH Exploration LLC: 36/148 & 40/127		
10*15557	9-7-15	H	RICKY L WHITLATCH ET AL	CHEVRON USA INC	1/8+	780 226	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration: 36/148	Chevron USA Inc to TH Exploration LLC: 42/435	
10*15558	9-7-14	I	ARNIE AND BOBBIE B GOODNIGHT	CHEVRON USA INC	1/8+	777 59	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration: 36/148	Chevron USA Inc to TH Exploration LLC: 42/435	
10*15500	9-7-6	J	JERRY FLETCHER AND CAROLYN FLETCHER, HUSBAND AND WIFE	TRIENERGY INC	1/8+	661 154	TriEnergy Inc to AB Resources LLC: 20/252	TriEnergy Inc to TriEnergy Holdings LLC: 21/148	AB Resources LLC to Chief E&D LLC & Radler 2000 LP: 24/319	Chief ED LLC, Chief O&G LLC, Radler 2000 LP and Enerplus Resources USA Corp to Chevron USA Inc: 25/1 & 25/105	AB Resources LLC to Chevron USA Inc: 756/379	TriEnergy Holdings LLC & TriEnergy nc to Chevron USA Inc: 28/356	Chevron USA Inc to TH Exploration LLC: 36/148 & 40/127		
10*15502	9-7-6	J	SHERWOOD YEATER	TRIENERGY INC	1/8+	748 268	TriEnergy Inc to AB Resources LLC: 20/252	TriEnergy Inc to TriEnergy Holdings LLC: 21/148	AB Resources LLC to Chief E&D LLC & Radler 2000 LP: 24/319	Chief ED LLC, Chief O&G LLC, Radler 2000 LP and Enerplus Resources USA Corp to Chevron USA Inc: 25/1 & 25/105	AB Resources LLC to Chevron USA Inc: 756/379	TriEnergy Holdings LLC & TriEnergy nc to Chevron USA Inc: 28/356	Chevron USA Inc to TH Exploration LLC: 36/148 & 40/127		
10*15558	9-7-5	K	ARNIE AND BOBBIE B GOODNIGHT	CHEVRON USA INC	1/8+	777 59	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration LLC: 36/148 & 42/435		
10*21588	9-5-3	L	LAWRENCE ALLEN WAYT	CHESAPEAKE APPALACHIA LLC	1/8+	687 233	N/A	N/A	N/A	N/A	N/A	N/A	Chesapeake Appalachia LLC to Statoil USA Onshore Properties Inc: 30/427	Chesapeake Appalachia LLC to Chevron USA Inc: 30/461	Chevron USA Inc to TH Exploration LLC: 42/435
10*21591	9-5-3	L	BEATRICE ANN KIDD	CHESAPEAKE APPALACHIA LLC	1/8+	687 230	N/A	N/A	N/A	N/A	N/A	N/A	Chesapeake Appalachia LLC to Statoil USA Onshore Properties Inc: 30/427	Chesapeake Appalachia LLC to Chevron USA Inc: 30/461	Chevron USA Inc to TH Exploration LLC: 42/435
10*15481	9-5-4	M	DEAN P RIGBY AND SUSAN RIGBY	TH EXPLORATION LLC	1/8+	908 197	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
10*15481	9-5-4	M	DEAN P RIGBY AND SUSAN RIGBY	TH EXPLORATION LLC	1/8+	908 197	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
10*15482	9-5-4	M	SUSAN NELSON	TH EXPLORATION LLC	1/8+	908 203	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
10*15594	9-5-4	M	IVAN F GORBY	CHESAPEAKE APPALACHIA LLC	1/8+	695 527	N/A	N/A	N/A	N/A	N/A	N/A	Chesapeake Appalachia LLC to Chevron USA Inc: 30/461	Chevron USA Inc to TH Exploration LLC: 36/148 & 42/435	
10*15595	9-5-4	M	JOSEPH D DAKAN	CHESAPEAKE APPALACHIA LLC	1/8+	695 519	N/A	N/A	N/A	N/A	N/A	N/A	Chesapeake Appalachia LLC to Chevron USA Inc: 30/461	Chevron USA Inc to TH Exploration LLC: 36/148 & 42/435	
10*15596	9-5-4	M	JOHN E GORBY	CHESAPEAKE APPALACHIA LLC	1/8+	695 523	N/A	N/A	N/A	N/A	N/A	N/A	Chesapeake Appalachia LLC to Chevron USA Inc: 30/461	Chevron USA Inc to TH Exploration LLC: 36/148 & 42/435	
10*15597	9-5-4	M	KAREN S GAST	CHESAPEAKE APPALACHIA LLC	1/8+	694 534	N/A	N/A	N/A	N/A	N/A	N/A	Chesapeake Appalachia LLC to Chevron USA Inc: 30/461	Chevron USA Inc to TH Exploration LLC: 36/148 & 42/435	
10*15598	9-5-4	M	ADA HAZEL GONTA	CHESAPEAKE APPALACHIA LLC	1/8+	695 183	N/A	N/A	N/A	N/A	N/A	N/A	Chesapeake Appalachia LLC to Chevron USA Inc: 30/461	Chevron USA Inc to TH Exploration LLC: 36/148 & 42/435	
10*15599	9-5-4	M	PATSY JO RAJU	CHESAPEAKE APPALACHIA LLC	1/8+	694 561	N/A	N/A	N/A	N/A	N/A	N/A	Chesapeake Appalachia LLC to Chevron USA Inc: 30/461	Chevron USA Inc to TH Exploration LLC: 36/148 & 42/435	
10*15686	9-5-4	M	JOHN OMER BOLTZ	TH EXPLORATION LLC	1/8+	908 160	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
10*15750	9-5-4	M	SANDRA K TRULL	TH EXPLORATION LLC	1/8+	908 229	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
10*16058	9-5-4	M	MATTIE RUTH JACKSON PRESCOTT	TH EXPLORATION LLC	1/8+	908 231	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
10*16118	9-5-4	M	RUBY RIDDLE JACKSON	TH EXPLORATION LLC	1/8+	908 233	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
10*16383	9-5-4	M	ROBERT STEPHEN DRIGGERS	TH EXPLORATION LLC	1/8+	908 224	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
10*16414	9-5-4	M	MARY ELIZABETH DRIGGERS	TH EXPLORATION LLC	1/8+	908 208	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
10*16415	9-5-4	M	TERENCE J ANDERSON AND NANCY J ANDERSON	TH EXPLORATION LLC	1/8+	908 213	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	

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10*16416	9-5-4	M	CYNTHIA HUDSON	TH EXPLORATION LLC	1/8+	908 219	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16424	9-5-4	M	ROBERT J RIGBY	TH EXPLORATION LLC	1/8+	908 241	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16424	9-5-4	M	ROBERT J RIGBY	TH EXPLORATION LLC	1/8+	908 241	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16448	9-5-4	M	RALPH L AND JUANITA L CRIM	TH EXPLORATION LLC	1/8+	908 584	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16478	9-5-4	M	MARION L AND EMILY CAMPBELL	TH EXPLORATION LLC	1/8+	908 245	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16514	9-5-4	M	ALEX R CAMPBELL & JOYCE A CAMPBELL	TH EXPLORATION LLC	1/8+	908 248	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16515	9-5-4	M	ANNA MARIE JACKSON	TH EXPLORATION LLC	1/8+	908 251	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16516	9-5-4	M	WILSON ANDREW JACKSON	TH EXPLORATION LLC	1/8+	908 253	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16545	9-5-4	M	ROBERT G FOUNDS AND ELLEN FOUNDS	TH EXPLORATION LLC	1/8+	908 260	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16662	9-5-4	M	RICHARD THOMAS MIMS & VICKIE J MIMS	TH EXPLORATION LLC	1/8+	908 263	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16666	9-5-4	M	MICHAEL P PYLE	TH EXPLORATION LLC	1/8+	908 255	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16667	9-5-4	M	CHARLES F PYLE AND GAIL ANN PYLE	TH EXPLORATION LLC	1/8+	908 266	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16668	9-5-4	M	JACK I PYLE AND MERRILEE ANN PYLE	TH EXPLORATION LLC	1/8+	908 257	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16669	9-5-4	M	JOHN S DADO AND PATRICIA S DADO	TH EXPLORATION LLC	1/8+	908 269	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16686	9-5-4	M	CHERYLE M TRACEY	TH EXPLORATION LLC	1/8+	927 475	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16688	9-5-4	M	SHERRYLL PYLE BAIR	TH EXPLORATION LLC	1/8+	927 481	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16689	9-5-4	M	JOHN C FOUNDS	TH EXPLORATION LLC	1/8+	927 478	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16689	9-5-4	M	JOHN C FOUNDS	TH EXPLORATION LLC	1/8+	927 478	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16690	9-5-4	M	RICARDO ORTIZ	TH EXPLORATION LLC	1/8+	921 352	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16720	9-5-4	M	DONNA ELAINE BRASKETT	TH EXPLORATION LLC	1/8+	921 152	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16738	9-5-4	M	CHARLES A RINE AND RUTH K RINE	TH EXPLORATION LLC	1/8+	908 274	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16747	9-5-4	M	WILLIAM DALE BRASKETT	TH EXPLORATION LLC	1/8+	921 96	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16787	9-5-4	M	HERBERT B CAMPBELL & DONNA D CAMPBELL	TH EXPLORATION LLC	1/8+	942 451	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16798	9-5-4	M	PATRICK A RANKIN AND ROBIN A RANKIN	TH EXPLORATION LLC	1/8+	921 364	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16800	9-5-4	M	JAMES KENNETH JACKSON AND JULIE JACKSON	TH EXPLORATION LLC	1/8+	921 93	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16802	9-5-4	M	CHRISTOPHER RICHARDSON AND TAMMY RICHARDSON	TH EXPLORATION LLC	1/8+	921 495	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16804	9-5-4	M	WILLIAM N TAYLOR AND SHERRY D TAYLOR	TH EXPLORATION LLC	1/8+	921 510	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16806	9-5-4	M	VIRGINIA WHITMAN TRUST DTD 7-25-1984 JON WHITMAN TRUSTEE	TH EXPLORATION LLC	1/8+	921 528	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16807	9-5-4	M	DAVID TULLER AND SUSAN STORTS TULLER	TH EXPLORATION LLC	1/8+	921 513	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16808	9-5-4	M	MICHAEL L ORTIZ	TH EXPLORATION LLC	1/8+	921 349	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16815	9-5-4	M	HAROLD W PYLE	TH EXPLORATION LLC	1/8+	921 357	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16819	9-5-4	M	TERESA ORTIZ BIGGS	TH EXPLORATION LLC	1/8+	921 147	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16821	9-5-4	M	SHEILA BRASKETT WEICHEY	TH EXPLORATION LLC	1/8+	921 516	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16836	9-5-4	M	RICK A STORTS AND LENORE A STORTS	TH EXPLORATION LLC	1/8+	921 507	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16837	9-5-4	M	TERRY L POFF AND THELMA A POFF	TH EXPLORATION LLC	1/8+	927 472	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16838	9-5-4	M	ROBERT G FUNARI	TH EXPLORATION LLC	1/8+	821 82	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16839	9-5-4	M	JAMES B FOUNDS AND LYNN M MOWERY	TH EXPLORATION LLC	1/8+	921 73	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16863	9-5-4	M	TINA MOORE	TH EXPLORATION LLC	1/8+	921 334	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16868	9-5-4	M	MICHAEL W STORTS AND JESSICA M STORTS	TH EXPLORATION LLC	1/8+	921 504	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16879	9-5-4	M	MARK E STORTS AND LESLEY A STORTS	TH EXPLORATION LLC	1/8+	921 501	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16880	9-5-4	M	BEVERLY ANN STORTS	TH EXPLORATION LLC	1/8+	921 498	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16902	9-5-4	M	MARY BARCAW DUKE	TH EXPLORATION LLC	1/8+	921 105	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16962	9-5-4	M	DENNIS P FLORY AND BARBARA EZELL FLORY	TH EXPLORATION LLC	1/8+	921 70	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16976	9-5-4	M	LESTER G AND CONSTANCE B NICKOLSON	TH EXPLORATION LLC	1/8+	921 343	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16977	9-5-4	M	JEREMY COCHENOUR	TH EXPLORATION LLC	1/8+	921 102	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16987	9-5-4	M	LAURIE EZELL PERRY	TH EXPLORATION LLC	1/8+	921 355	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16989	9-5-4	M	BRITTANY RICHARDSON	TH EXPLORATION LLC	1/8+	921 376	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16991	9-5-4	M	MARYELLEN FOUNDS AND LAUREN FOUNDS	TH EXPLORATION LLC	1/8+	921 79	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16996	9-5-4	M	THOMAS RANKIN	TH EXPLORATION LLC	1/8+	917 75	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17130	9-5-4	M	CINDY L BARGER	TH EXPLORATION LLC	1/8+	921 137	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17155	9-5-4	M	JESSE LEON JR AND TERESA GAIL EZELLE	TH EXPLORATION LLC	1/8+	921 118	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17156	9-5-4	M	HENRI NELL JACKSON KENT BARNES	TH EXPLORATION LLC	1/8+	921 139	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17157	9-5-4	M	JAMES N REEVES JR AND RITA M REEVES	TH EXPLORATION LLC	1/8+	921 367	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17198	9-5-4	M	THOMAS G AND DIANE W BAYLESS	TH EXPLORATION LLC	1/8+	921 141	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17205	9-5-4	M	SANDRA JEAN WILSON	TH EXPLORATION LLC	1/8+	921 524	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17208	9-5-4	M	PATRICK S GALLAGHER AND JOYCE ANN FOUNDS	TH EXPLORATION LLC	1/8+	921 86	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17208	9-5-4	M	PATRICK S GALLAGHER AND JOYCE ANN FOUNDS	TH EXPLORATION LLC	1/8+	921 86	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17274	9-5-4	M	DAVID H WILSON	TH EXPLORATION LLC	1/8+	921 474	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17275	9-5-4	M	JOHN R REEVES AND MONA G REEVES	TH EXPLORATION LLC	1/8+	921 373	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17276	9-5-4	M	BERTHA EZELL WYATT	TH EXPLORATION LLC	1/8+	921 526	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17278	9-5-4	M	MICHAEL L EZELLE	TH EXPLORATION LLC	1/8+	921 121	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17339	9-5-4	M	JOSEPH W FOUNDS	TH EXPLORATION LLC	1/8+	921 76	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17377	9-5-4	M	MILTON HOWARD EZELLE JR AND ELIZABETH A EZELLE	TH EXPLORATION LLC	1/8+	921 123	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17416	9-5-4	M	ANDREW M ORTIZ	TH EXPLORATION LLC	1/8+	921 346	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17438	9-5-4	M	DENNIS M WILSON	TH EXPLORATION LLC	1/8+	921 476	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17440	9-5-4	M	KENDRA WALISA	TH EXPLORATION LLC	1/8+	927 484	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 Book/Page	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment
10*17441	9-5-4	M	RALPH J WILSON	TH EXPLORATION LLC	1/8+	921 522	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17442	9-5-4	M	SHANE ALLEN AND MENDY JEAN ALLEN	TH EXPLORATION LLC	1/8+	921 134	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17443	9-5-4	M	MICHELLE MORROW-BACK	TH EXPLORATION LLC	1/8+	921 337	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17444	9-5-4	M	KELLY FOUNDS CAMPBELL	TH EXPLORATION LLC	1/8+	921 99	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17449	9-5-4	M	PHYLLIS J BLAKE	TH EXPLORATION LLC	1/8+	921 150	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17482	9-5-4	M	TERESA EZELLE RALYA AND DAVID L RALYA	TH EXPLORATION LLC	1/8+	927 487	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17483	9-5-4	M	RICHARD I PYLE	TH EXPLORATION LLC	1/8+	921 359	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17484	9-5-4	M	NELDA S JACKSON	TH EXPLORATION LLC	1/8+	921 330	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17485	9-5-4	M	MARGIE ANN JACKSON ROBBINS GRAHAM	TH EXPLORATION LLC	1/8+	921 91	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17526	9-5-4	M	JEFFREY L REEVES AND JODY L REEVES	TH EXPLORATION LLC	1/8+	921 370	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17527	9-5-4	M	JAMES MICHAEL EZELL AND LUCILLE D EZELL	TH EXPLORATION LLC	1/8+	921 111	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17538	9-5-4	M	CHERYL RANKIN-KING	TH EXPLORATION LLC	1/8+	952 160	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17552	9-5-4	M	JOHN BEVACQUA AND PATRICIA A BEVACQUA	TH EXPLORATION LLC	1/8+	921 144	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17554	9-5-4	M	MICHAEL T RANKIN	TH EXPLORATION LLC	1/8+	921 361	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17561	9-5-4	M	ROGER L TYRRELL AND KATHRYN L TYRRELL	TH EXPLORATION LLC	1/8+	927 24	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17564	9-5-4	M	JAMES RONALD NICKOLSON AND TRACEY E NICKOLSON	TH EXPLORATION LLC	1/8+	921 340	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17565	9-5-4	M	JESSE ALLEN JACKSON AND ELIZABETH D JACKSON	TH EXPLORATION LLC	1/8+	921 327	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17566	9-5-4	M	NATHAN P ERDOSSY AND BARBARA T ERDOSSY	TH EXPLORATION LLC	1/8+	921 108	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17588	9-5-4	M	JAMES M JACKSON	TH EXPLORATION LLC	1/8+	921 325	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17589	9-5-4	M	MARY CHRISTINE MCKENNA	TH EXPLORATION LLC	1/8+	921 332	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17744	9-5-4	M	SAM PRESLEY EZELL DIVERSICARE OF PELL CITY	TH EXPLORATION LLC	1/8+	921 116	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17983	9-5-4	M	HOLLY SUE CUTHBERT	TH EXPLORATION LLC	1/8+	925 380	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*18021	9-5-4	M	CHRISTOPHER A HANIFAN AND JACKIE F HANIFAN	TH EXPLORATION LLC	1/8+	927 267	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*18022	9-5-4	M	DALE P WARD AND CYNTHIA J WARD	TH EXPLORATION LLC	1/8+	927 264	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*19524	9-5-4	M	THE ESTATE OF AGNES IRENE EZELL CLARK BY DAVID M EDWARDS, EXECUTOR	TH EXPLORATION LLC	1/8+	942 633	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*19692	9-5-4	M	KENDRA WALISA	TH EXPLORATION LLC	1/8+	924 484	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*19692	9-5-4	M	KENDRA WALISA	TH EXPLORATION LLC	1/8+	924 484	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*19693	9-5-4	M	MARIO R FUNARI	TH EXPLORATION LLC	1/8+	936 145	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*19695	9-5-4	M	GENERAL RECEIVER OF MARSHALL COUNTY ATTN: BERNIE TWIGG	TH EXPLORATION LLC	1/8+	944 333	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*19695.1	9-5-4	M	GENERAL RECEIVER OF MARSHALL COUNTY ATTN: BERNIE TWIGG	TH EXPLORATION LLC	1/8+	944 333	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*19939	9-5-4	M	ROBERT J MILLS & SHERRA SUE MILLS	TH EXPLORATION LLC	1/8+	949 212	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*22630	9-5-4	M	AGENA FOUNDATION INC MORGAN STANLEY WEALTH MANAGEMENT	TH EXPLORATION LLC	1/8+	1035 11	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*25628	9-5-4	M	STONE HILL MINERALS HOLDINGS LLC	TH EXPLORATION LLC	1/8+	1025 631	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*25628	9-5-4	M	STONE HILL MINERALS HOLDINGS LLC	TH EXPLORATION LLC	1/8+	1025 631	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.1	9-5-4	M	JEAN ANNE GORBY STORCH AIF JOHN HERMAN STORCH	TH EXPLORATION LLC	1/8+	877 216	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.2	9-5-4	M	STEPHANIE SCHIEFER AND GEOFFREY SCHIEFER	TH EXPLORATION LLC	1/8+	885 321	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.3	9-5-4	M	ROBERT A LEADBETTER AND M REBECCA LEADBETTER	TH EXPLORATION LLC	1/8+	885 324	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.5	9-5-4	M	HAROLD S BROWN II AND MARIA A BROWN	TH EXPLORATION LLC	1/8+	907 641	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.6	9-5-4	M	JOSHUA RINE AND REBECCA RINE	TH EXPLORATION LLC	1/8+	907 634	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.7	9-5-4	M	JACK R WILSON JR AND JANE A WILSON	TH EXPLORATION LLC	1/8+	908 4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.8	9-5-4	M	DAVID M WILSON	TH EXPLORATION LLC	1/8+	907 649	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.14	9-5-4	M	JUSTIN RINE AND BECKY RINE	TH EXPLORATION LLC	1/8+	907 639	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.15	9-5-4	M	LARRY D TAUNT AND NANCY L TAUNT	TH EXPLORATION LLC	1/8+	908 14	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.16	9-5-4	M	WILLIAM K STERN AND BETTY L STERN	TH EXPLORATION LLC	1/8+	908 64	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.17	9-5-4	M	RALPH E HUNTER JR AND CHARLOTTE HUNTER	TH EXPLORATION LLC	1/8+	908 9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.18	9-5-4	M	BRITNEY MENEAR	TH EXPLORATION LLC	1/8+	908 57	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.19	9-5-4	M	JASON RINE AND HEATHER RINE	TH EXPLORATION LLC	1/8+	907 629	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.20	9-5-4	M	BARBARA A BUZZARD	TH EXPLORATION LLC	1/8+	908 24	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.21	9-5-4	M	GARY T WARD AND SHARON D WARD	TH EXPLORATION LLC	1/8+	908 19	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.22	9-5-4	M	SALLY DAVIS COLE	TH EXPLORATION LLC	1/8+	908 74	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.22	9-5-4	M	SALLY DAVIS COLE	TH EXPLORATION LLC	1/8+	908 74	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.23	9-5-4	M	RONALD S CRIM	TH EXPLORATION LLC	1/8+	908 79	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.23	9-5-4	M	RONALD S CRIM	TH EXPLORATION LLC	1/8+	908 79	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.24	9-5-4	M	JO DEE K DAVIS	TH EXPLORATION LLC	1/8+	908 136	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.25	9-5-4	M	JOANNE WELCH	TH EXPLORATION LLC	1/8+	908 141	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.25	9-5-4	M	JOANNE WELCH	TH EXPLORATION LLC	1/8+	908 141	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.26	9-5-4	M	WENDY I SMARKEL	TH EXPLORATION LLC	1/8+	908 69	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.26	9-5-4	M	WENDY I SMARKEL	TH EXPLORATION LLC	1/8+	908 69	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.27	9-5-4	M	TIMI J HOBBS	TH EXPLORATION LLC	1/8+	908 277	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.27	9-5-4	M	TIMI J HOBBS	TH EXPLORATION LLC	1/8+	908 277	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.28	9-5-4	M	KAREN S GAST	TH EXPLORATION LLC	1/8+	908 150	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.30	9-5-4	M	LAURIE DRIGGERS MANDERSON	TH EXPLORATION LLC	1/8+	908 165	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.33	9-5-4	M	NANCY C HOUSLEY	TH EXPLORATION LLC	1/8+	908 187	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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Lease ID	Parcel	Tag	Grantor, Lessor, Etc.	Grantee, Lessee, Etc.	Royalty	Deed Book/Page	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment
10*47051.223.33	9-5-4	M	NANCY C HOUSLEY	TH EXPLORATION LLC	1/8+	908 187	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.34	9-5-4	M	JOHN CIAFFAGLIONE	TH EXPLORATION LLC	1/8+	908 170	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.34	9-5-4	M	JOHN CIAFFAGLIONE	TH EXPLORATION LLC	1/8+	908 170	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.35	9-5-4	M	DEBRA L CIAFFAGLIONE	TH EXPLORATION LLC	1/8+	908 192	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.35	9-5-4	M	DEBRA L CIAFFAGLIONE	TH EXPLORATION LLC	1/8+	908 192	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*15481	9-5-5.4	N	DEAN P RIGBY AND SUSAN RIGBY	TH EXPLORATION LLC	1/8+	908 197	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*15482	9-5-5.4	N	SUSAN NELSON	TH EXPLORATION LLC	1/8+	908 203	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*15668	9-5-5.4	N	MICHAEL J SNYDER	CHEVRON USA INC	1/8+	865 186	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*15686	9-5-5.4	N	JOHN OMER BOLTZ	TH EXPLORATION LLC	1/8+	908 160	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*15750	9-5-5.4	N	SANDRA K TRULL	TH EXPLORATION LLC	1/8+	908 229	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16058	9-5-5.4	N	MATTIE RUTH JACKSON PRESCOTT	TH EXPLORATION LLC	1/8+	908 231	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16118	9-5-5.4	N	RUBY RIDDLE JACKSON	TH EXPLORATION LLC	1/8+	908 233	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16383	9-5-5.4	N	ROBERT STEPHEN DRIGGERS	TH EXPLORATION LLC	1/8+	908 224	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16414	9-5-5.4	N	MARY ELIZABETH DRIGGERS	TH EXPLORATION LLC	1/8+	908 208	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16415	9-5-5.4	N	TERENCE J ANDERSON AND NANCY J ANDERSON	TH EXPLORATION LLC	1/8+	908 213	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16416	9-5-5.4	N	CYNTHIA HUDSON	TH EXPLORATION LLC	1/8+	908 219	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16424	9-5-5.4	N	ROBERT J RIGBY	TH EXPLORATION LLC	1/8+	908 241	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16448	9-5-5.4	N	RALPH L AND JUANITA L CRIM	TH EXPLORATION LLC	1/8+	908 584	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16478	9-5-5.4	N	MARION L AND EMILY CAMPBELL	TH EXPLORATION LLC	1/8+	908 245	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16514	9-5-5.4	N	ALEX R CAMPBELL & JOYCE A CAMPBELL	TH EXPLORATION LLC	1/8+	908 248	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16515	9-5-5.4	N	ANNA MARIE JACKSON	TH EXPLORATION LLC	1/8+	908 251	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16516	9-5-5.4	N	WILSON ANDREW JACKSON	TH EXPLORATION LLC	1/8+	908 253	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16662	9-5-5.4	N	RICHARD THOMAS MIMS & VICKIE J MIMS	TH EXPLORATION LLC	1/8+	908 263	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16738	9-5-5.4	N	CHARLES A RINE AND RUTH K RINE	TH EXPLORATION LLC	1/8+	908 274	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16787	9-5-5.4	N	HERBERT B CAMPBEL & DONNA D CAMPBELL	TH EXPLORATION LLC	1/8+	942 451	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16800	9-5-5.4	N	JAMES KENNETH JACKSON AND JULIE JACKSON	TH EXPLORATION LLC	1/8+	921 93	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16806	9-5-5.4	N	VIRGINIA WHITMAN TRUST DTD 7-25-1984 JON WHITMAN TRUSTEE	TH EXPLORATION LLC	1/8+	921 528	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16962	9-5-5.4	N	DENNIS P FLORY AND BARBARA EZELL FLORY	TH EXPLORATION LLC	1/8+	921 70	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16976	9-5-5.4	N	LESTER G AND CONSTANCE B NICKOLSON	TH EXPLORATION LLC	1/8+	921 343	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16987	9-5-5.4	N	LAURIE EZELL PERRY	TH EXPLORATION LLC	1/8+	921 355	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17130	9-5-5.4	N	CINDY L BARGER	TH EXPLORATION LLC	1/8+	921 137	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17155	9-5-5.4	N	JESSE LEON JR AND TERESA GAIL EZELLE	TH EXPLORATION LLC	1/8+	921 118	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17156	9-5-5.4	N	HENRI NELL JACKSON KENT BARNES	TH EXPLORATION LLC	1/8+	921 139	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17157	9-5-5.4	N	JAMES N REEVES JR AND RITA M REEVES	TH EXPLORATION LLC	1/8+	921 367	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17198	9-5-5.4	N	THOMAS G AND DIANE W BAYLESS	TH EXPLORATION LLC	1/8+	921 141	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17205	9-5-5.4	N	SANDRA JEAN WILSON	TH EXPLORATION LLC	1/8+	921 524	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17274	9-5-5.4	N	DAVID H WILSON	TH EXPLORATION LLC	1/8+	921 474	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17275	9-5-5.4	N	JOHN R REEVES AND MONA G REEVES	TH EXPLORATION LLC	1/8+	921 373	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17276	9-5-5.4	N	BERTHA EZELL WYATT	TH EXPLORATION LLC	1/8+	921 526	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17278	9-5-5.4	N	MICHAEL L EZELLE	TH EXPLORATION LLC	1/8+	921 121	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17377	9-5-5.4	N	MILTON HOWARD EZELLE JR AND ELIZABETH A EZELLE	TH EXPLORATION LLC	1/8+	921 123	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17438	9-5-5.4	N	DENNIS M WILSON	TH EXPLORATION LLC	1/8+	921 476	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17441	9-5-5.4	N	RALPH J WILSON	TH EXPLORATION LLC	1/8+	921 522	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17449	9-5-5.4	N	PHYLLIS J BLAKE	TH EXPLORATION LLC	1/8+	921 150	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17482	9-5-5.4	N	TERESA EZELLE RALYA AND DAVID L RALYA	TH EXPLORATION LLC	1/8+	927 487	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17484	9-5-5.4	N	NELDA S JACKSON	TH EXPLORATION LLC	1/8+	921 330	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17485	9-5-5.4	N	MARGIE ANN JACKSON ROBBINS GRAHAM	TH EXPLORATION LLC	1/8+	921 91	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17526	9-5-5.4	N	JEFFREY L REEVES AND JODY L REEVES	TH EXPLORATION LLC	1/8+	921 370	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17527	9-5-5.4	N	JAMES MICHAEL EZELL AND LUCILLE D EZELL	TH EXPLORATION LLC	1/8+	921 111	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17561	9-5-5.4	N	ROGER L TYRRELL AND KATHRYN L TYRRELL	TH EXPLORATION LLC	1/8+	927 24	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17564	9-5-5.4	N	JAMES RONALD NICKOLSON AND TRACEY E NICKOLSON	TH EXPLORATION LLC	1/8+	921 340	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17565	9-5-5.4	N	JESSE ALLEN JACKSON AND ELIZABETH D JACKSON	TH EXPLORATION LLC	1/8+	921 327	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17566	9-5-5.4	N	NATHAN P ERDOSSY AND BARBARA T ERDOSSY	TH EXPLORATION LLC	1/8+	921 108	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17588	9-5-5.4	N	JAMES M JACKSON	TH EXPLORATION LLC	1/8+	921 325	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17589	9-5-5.4	N	MARY CHRISTINE MCKENNA	TH EXPLORATION LLC	1/8+	921 332	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17744	9-5-5.4	N	SAM PRESLEY EZELL DIVERSICARE OF PELL CITY	TH EXPLORATION LLC	1/8+	921 116	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17983	9-5-5.4	N	HOLLY SUE CUTHBERT	TH EXPLORATION LLC	1/8+	925 380	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*18021	9-5-5.4	N	CHRISTOPHER A HANIFAN AND JACKIE F HANIFAN	TH EXPLORATION LLC	1/8+	927 267	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*18022	9-5-5.4	N	DALE P WARD AND CYNTHIA J WARD	TH EXPLORATION LLC	1/8+	927 264	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*19524	9-5-5.4	N	THE ESTATE OF AGNES IRENE EZELL CLARK BY DAVID M EDWARDS, EXECUTOR	TH EXPLORATION LLC	1/8+	942 633	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*19695	9-5-5.4	N	GENERAL RECEIVER OF MARSHALL COUNTY ATTN: BERNIE TWIGG	TH EXPLORATION LLC	1/8+	944 333	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*19939	9-5-5.4	N	ROBERT J MILLS & SHERRA SUE MILLS	TH EXPLORATION LLC	1/8+	949 212	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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Lease ID	Parcel	Tag	Grantor, Lessor, Etc.	Grantee, Lessee, Etc.	Royalty	Deed Book/Page	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment
10*25628	9-5-5.4	N	STONE HILL MINERALS HOLDINGS LLC	TH EXPLORATION LLC	1/8+	1025 631	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.1	9-5-5.4	N	JEAN ANNE GORBY STORCH AIF JOHN HERMAN STORCH	TH EXPLORATION LLC	1/8+	877 216	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.2	9-5-5.4	N	STEPHANIE SCHIEFER AND GEOFFREY SCHIEFER	TH EXPLORATION LLC	1/8+	885 321	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.3	9-5-5.4	N	ROBERT A LEADBETTER AND M REBECCA LEADBETTER	TH EXPLORATION LLC	1/8+	885 324	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.5	9-5-5.4	N	HAROLD S BROWN II AND MARIA A BROWN	TH EXPLORATION LLC	1/8+	907 641	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.6	9-5-5.4	N	JOSHUA RINE AND REBECCA RINE	TH EXPLORATION LLC	1/8+	907 634	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.7	9-5-5.4	N	JACK R WILSON JR AND JANE A WILSON	TH EXPLORATION LLC	1/8+	908 4	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.8	9-5-5.4	N	DAVID M WILSON	TH EXPLORATION LLC	1/8+	907 649	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.9	9-5-5.4	N	LUNDA DELBERT	TH EXPLORATION LLC	1/8+	908 32	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.10	9-5-5.4	N	ROBERT E GORBY AND NANCY GORBY	TH EXPLORATION LLC	1/8+	908 47	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.11	9-5-5.4	N	ELIZABETH ESTEP	TH EXPLORATION LLC	1/8+	908 37	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.12	9-5-5.4	N	ALICE GORBY MARTIN	TH EXPLORATION LLC	1/8+	908 52	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.13	9-5-5.4	N	JAMES A GORBY	TH EXPLORATION LLC	1/8+	908 42	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.14	9-5-5.4	N	JUSTIN RINE AND BECKY RINE	TH EXPLORATION LLC	1/8+	907 639	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.15	9-5-5.4	N	LARRY D TAUNT AND NANCY L TAUNT	TH EXPLORATION LLC	1/8+	908 14	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.16	9-5-5.4	N	WILLIAM K STERN AND BETTY L STERN	TH EXPLORATION LLC	1/8+	908 64	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.17	9-5-5.4	N	RALPH E HUNTER JR AND CHARLOTTE HUNTER	TH EXPLORATION LLC	1/8+	908 9	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.18	9-5-5.4	N	BRITTNEY MENEAR	TH EXPLORATION LLC	1/8+	908 57	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.19	9-5-5.4	N	JASON RINE AND HEATHER RINE	TH EXPLORATION LLC	1/8+	907 629	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.20	9-5-5.4	N	BARBARA A BUZZARD	TH EXPLORATION LLC	1/8+	908 24	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.21	9-5-5.4	N	GARY T WARD AND SHARON D WARD	TH EXPLORATION LLC	1/8+	908 19	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.22	9-5-5.4	N	SALLY DAVIS COLE	TH EXPLORATION LLC	1/8+	908 74	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.23	9-5-5.4	N	RONALD S CRIM	TH EXPLORATION LLC	1/8+	908 79	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.24	9-5-5.4	N	JO DEE K DAVIS	TH EXPLORATION LLC	1/8+	908 136	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.25	9-5-5.4	N	JOANNE WELCH	TH EXPLORATION LLC	1/8+	908 141	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.26	9-5-5.4	N	WENDY L SMARKEL	TH EXPLORATION LLC	1/8+	908 69	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.27	9-5-5.4	N	TIMI J HOBBS	TH EXPLORATION LLC	1/8+	908 277	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.28	9-5-5.4	N	KAREN S GAST	TH EXPLORATION LLC	1/8+	908 150	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.29	9-5-5.4	N	PATSY JO RAJU	TH EXPLORATION LLC	1/8+	908 155	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.30	9-5-5.4	N	LAURIE DRIGGERS MANDERSON	TH EXPLORATION LLC	1/8+	908 165	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.32	9-5-5.4	N	JOSEPH GORBY DAKAN	TH EXPLORATION LLC	1/8+	908 175	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.33	9-5-5.4	N	NANCY C HOUSLEY	TH EXPLORATION LLC	1/8+	908 187	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.34	9-5-5.4	N	JOHN CIAFFAGLIONE	TH EXPLORATION LLC	1/8+	908 170	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.35	9-5-5.4	N	DEBRA L CIAFFAGLIONE	TH EXPLORATION LLC	1/8+	908 192	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*15481	9-5-18	O	DEAN P RIGBY AND SUSAN RIGBY	TH EXPLORATION LLC	1/8+	908 197	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*15482	9-5-18	O	SUSAN NELSON	TH EXPLORATION LLC	1/8+	908 203	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*15674	9-5-18	O	DONALD E LEACH ET AL	CHEVRON USA INC	1/8+	882 209	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration LLC: 36/148
10*15686	9-5-18	O	JOHN OMER BOLTZ	TH EXPLORATION LLC	1/8+	908 160	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*15750	9-5-18	O	SANDRA K TRULL	TH EXPLORATION LLC	1/8+	908 229	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16058	9-5-18	O	MATTIE RUTH JACKSON PRESCOTT	TH EXPLORATION LLC	1/8+	908 231	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16118	9-5-18	O	RUBY RIDDLE JACKSON	TH EXPLORATION LLC	1/8+	908 233	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16383	9-5-18	O	ROBERT STEPHEN DRIGGERS	TH EXPLORATION LLC	1/8+	908 224	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16414	9-5-18	O	MARY ELIZABETH DRIGGERS	TH EXPLORATION LLC	1/8+	908 208	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16415	9-5-18	O	TERENCE J ANDERSON AND NANCY J ANDERSON	TH EXPLORATION LLC	1/8+	908 213	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16416	9-5-18	O	CYNTHIA HUDSON	TH EXPLORATION LLC	1/8+	908 219	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16424	9-5-18	O	ROBERT J RIGBY	TH EXPLORATION LLC	1/8+	908 241	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16448	9-5-18	O	RALPH L AND JUANITA L CRIM	TH EXPLORATION LLC	1/8+	908 584	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16478	9-5-18	O	MARION L AND EMILY CAMPBELL	TH EXPLORATION LLC	1/8+	908 245	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16514	9-5-18	O	ALEX R CAMPBELL & JOYCE A CAMPBELL	TH EXPLORATION LLC	1/8+	908 248	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16515	9-5-18	O	ANNA MARIE JACKSON	TH EXPLORATION LLC	1/8+	908 251	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16516	9-5-18	O	WILSON ANDREW JACKSON	TH EXPLORATION LLC	1/8+	908 253	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16662	9-5-18	O	RICHARD THOMAS MIMS & VICKIE J MIMS	TH EXPLORATION LLC	1/8+	908 263	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16738	9-5-18	O	CHARLES A RINE AND RUTH K RINE	TH EXPLORATION LLC	1/8+	908 274	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16787	9-5-18	O	HERBERT B CAMPBELL & DONNA D CAMPBELL	TH EXPLORATION LLC	1/8+	942 451	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16800	9-5-18	O	JAMES KENNETH JACKSON AND JULIE JACKSON	TH EXPLORATION LLC	1/8+	921 93	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16806	9-5-18	O	VIRGINIA WHITMAN TRUST DTD 7-25-1984 JON WHITMAN TRUSTEE	TH EXPLORATION LLC	1/8+	921 528	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16962	9-5-18	O	DENNIS P FLORY AND BARBARA EZELL FLORY	TH EXPLORATION LLC	1/8+	921 70	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16976	9-5-18	O	LESTER G AND CONSTANCE B NICKOLSON	TH EXPLORATION LLC	1/8+	921 343	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16987	9-5-18	O	LAURIE EZELL PERRY	TH EXPLORATION LLC	1/8+	921 355	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17130	9-5-18	O	CINDY L BARGER	TH EXPLORATION LLC	1/8+	921 137	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17155	9-5-18	O	JESSE LEON JR AND TERESA GAIL EZELLE	TH EXPLORATION LLC	1/8+	921 118	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17156	9-5-18	O	HENRI NELL JACKSON KENT BARNES	TH EXPLORATION LLC	1/8+	921 139	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17157	9-5-18	O	JAMES N REEVES JR AND RITA M REEVES	TH EXPLORATION LLC	1/8+	921 367	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17198	9-5-18	O	THOMAS G AND DIANE W BAYLESS	TH EXPLORATION LLC	1/8+	921 141	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 Book/Page	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment
10*17205	9-5-18	O	SANDRA JEAN WILSON	TH EXPLORATION LLC	1/8+	921 524	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17274	9-5-18	O	DAVID H WILSON	TH EXPLORATION LLC	1/8+	921 474	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17275	9-5-18	O	JOHN R REEVES AND MONA G REEVES	TH EXPLORATION LLC	1/8+	921 373	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17276	9-5-18	O	BERTHA EZELL WYATT	TH EXPLORATION LLC	1/8+	921 526	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17278	9-5-18	O	MICHAEL L EZELLE	TH EXPLORATION LLC	1/8+	921 121	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17377	9-5-18	O	MILTON HOWARD EZELLE JR AND ELIZABETH A EZELLE	TH EXPLORATION LLC	1/8+	921 123	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17438	9-5-18	O	DENNIS M WILSON	TH EXPLORATION LLC	1/8+	921 476	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17441	9-5-18	O	RALPH J WILSON	TH EXPLORATION LLC	1/8+	921 522	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17449	9-5-18	O	PHYLLIS J BLAKE	TH EXPLORATION LLC	1/8+	921 150	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17482	9-5-18	O	TERESA EZELLE RALYA AND DAVID L RALYA	TH EXPLORATION LLC	1/8+	927 487	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17484	9-5-18	O	NELDA S JACKSON	TH EXPLORATION LLC	1/8+	921 330	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17485	9-5-18	O	MARGIE ANN JACKSON ROBBINS GRAHAM	TH EXPLORATION LLC	1/8+	921 91	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17526	9-5-18	O	JEFFREY L REEVES AND JODY L REEVES	TH EXPLORATION LLC	1/8+	921 370	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17527	9-5-18	O	JAMES MICHAEL EZELL AND LUCILLE D EZELL	TH EXPLORATION LLC	1/8+	921 111	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17561	9-5-18	O	ROGER L TYRRELL AND KATHRYN L TYRRELL	TH EXPLORATION LLC	1/8+	927 24	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17564	9-5-18	O	JAMES RONALD NICKOLSON AND TRACEY E NICKOLSON	TH EXPLORATION LLC	1/8+	921 340	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17565	9-5-18	O	JESSE ALLEN JACKSON AND ELIZABETH D JACKSON	TH EXPLORATION LLC	1/8+	921 327	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17566	9-5-18	O	NATHAN P ERDOSSY AND BARBARA T ERDOSSY	TH EXPLORATION LLC	1/8+	921 108	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17588	9-5-18	O	JAMES M JACKSON	TH EXPLORATION LLC	1/8+	921 325	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17589	9-5-18	O	MARY CHRISTINE MCKENNA	TH EXPLORATION LLC	1/8+	921 332	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17744	9-5-18	O	SAM PRESLEY EZELL DIVERSICARE OF PELL CITY	TH EXPLORATION LLC	1/8+	921 116	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17983	9-5-18	O	HOLLY SUE CUTHBERT	TH EXPLORATION LLC	1/8+	925 380	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*18021	9-5-18	O	CHRISTOPHER A HANIFAN AND JACKIE F HANIFAN	TH EXPLORATION LLC	1/8+	927 267	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*18022	9-5-18	O	DALE P WARD AND CYNTHIA J WARD	TH EXPLORATION LLC	1/8+	927 264	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*19524	9-5-18	O	THE ESTATE OF AGNES IRENE EZELL CLARK BY DAVID M EDWARDS, EXECUTOR	TH EXPLORATION LLC	1/8+	942 633	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*19695	9-5-18	O	GENERAL RECEIVER OF MARSHALL COUNTY ATTN: BERNIE TWIGG	TH EXPLORATION LLC	1/8+	944 333	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*19939	9-5-18	O	ROBERT J MILLS & SHERRA SUE MILLS	TH EXPLORATION LLC	1/8+	949 212	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*25628	9-5-18	O	STONE HILL MINERALS HOLDINGS LLC	TH EXPLORATION LLC	1/8+	1025 631	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.1	9-5-18	O	JEAN ANNE GORBY STORCH AIF JOHN HERMAN STORCH	TH EXPLORATION LLC	1/8+	877 216	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.2	9-5-18	O	STEPHANIE SCHIEFER AND GEOFFREY SCHIEFER	TH EXPLORATION LLC	1/8+	885 321	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.3	9-5-18	O	ROBERT A LEADBETTER AND M REBECCA LEADBETTER	TH EXPLORATION LLC	1/8+	885 324	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.5	9-5-18	O	HAROLD S BROWN II AND MARIA A BROWN	TH EXPLORATION LLC	1/8+	907 641	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.6	9-5-18	O	JOSHUA RINE AND REBECCA RINE	TH EXPLORATION LLC	1/8+	907 634	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.7	9-5-18	O	JACK R WILSON JR AND JANE A WILSON	TH EXPLORATION LLC	1/8+	908 4	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.8	9-5-18	O	DAVID M WILSON	TH EXPLORATION LLC	1/8+	907 649	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.9	9-5-18	O	LINDA DELBERT	TH EXPLORATION LLC	1/8+	908 32	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.10	9-5-18	O	ROBERT E GORBY AND NANCY GORBY	TH EXPLORATION LLC	1/8+	908 47	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.11	9-5-18	O	ELIZABETH ESTEP	TH EXPLORATION LLC	1/8+	908 37	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.12	9-5-18	O	ALICE GORBY MARTIN	TH EXPLORATION LLC	1/8+	908 52	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.13	9-5-18	O	JAMES A GORBY	TH EXPLORATION LLC	1/8+	908 42	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.14	9-5-18	O	JUSTIN RINE AND BECKY RINE	TH EXPLORATION LLC	1/8+	907 639	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.15	9-5-18	O	LARRY D TAUNT AND NANCY L TAUNT	TH EXPLORATION LLC	1/8+	908 14	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.16	9-5-18	O	WILLIAM K STERN AND BETTY L STERN	TH EXPLORATION LLC	1/8+	908 64	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.17	9-5-18	O	RALPH E HUNTER JR AND CHARLOTTE HUNTER	TH EXPLORATION LLC	1/8+	908 9	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.18	9-5-18	O	BRITTNEY MENEAR	TH EXPLORATION LLC	1/8+	908 57	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.19	9-5-18	O	JASON RINE AND HEATHER RINE	TH EXPLORATION LLC	1/8+	907 629	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.20	9-5-18	O	BARBARA A BUZZARD	TH EXPLORATION LLC	1/8+	908 24	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.21	9-5-18	O	GARY T WARD AND SHARON D WARD	TH EXPLORATION LLC	1/8+	908 19	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.22	9-5-18	O	SALLY DAVIS COLE	TH EXPLORATION LLC	1/8+	908 74	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.23	9-5-18	O	RONALD S CRIM	TH EXPLORATION LLC	1/8+	908 79	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.24	9-5-18	O	JO DEE K DAVIS	TH EXPLORATION LLC	1/8+	908 136	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.25	9-5-18	O	JOANNE WELCH	TH EXPLORATION LLC	1/8+	908 141	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.26	9-5-18	O	WENDY L SMARKEL	TH EXPLORATION LLC	1/8+	908 69	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.27	9-5-18	O	TIMI J HOBBS	TH EXPLORATION LLC	1/8+	908 277	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.28	9-5-18	O	KAREN S GAST	TH EXPLORATION LLC	1/8+	908 150	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.29	9-5-18	O	PATSY JO RAJU	TH EXPLORATION LLC	1/8+	908 155	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.30	9-5-18	O	LAURIE DRIGGERS MANDERSON	TH EXPLORATION LLC	1/8+	908 165	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.32	9-5-18	O	JOSEPH GORBY DAKAN	TH EXPLORATION LLC	1/8+	908 175	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.33	9-5-18	O	NANCY C HOUSLEY	TH EXPLORATION LLC	1/8+	908 187	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.34	9-5-18	O	JOHN CIAFFAGLIONE	TH EXPLORATION LLC	1/8+	908 170	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.35	9-5-18	O	DEBRA L CIAFFAGLIONE	TH EXPLORATION LLC	1/8+	908 192	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*15481	9-5-17	P	DEAN P RIGBY AND SUSAN RIGBY	TH EXPLORATION LLC	1/8+	908 197	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*15482	9-5-17	P	SUSAN NELSON	TH EXPLORATION LLC	1/8+	908 203	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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10*17441	9-5-5	Q	RALPH J WILSON	TH EXPLORATION LLC	1/8+	921 522	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17449	9-5-5	Q	PHYLLIS J BLAKE	TH EXPLORATION LLC	1/8+	921 150	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17482	9-5-5	Q	TERESA EZELE RALYA AND DAVID L RALYA	TH EXPLORATION LLC	1/8+	927 487	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17484	9-5-5	Q	NELDA S JACKSON	TH EXPLORATION LLC	1/8+	921 330	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17485	9-5-5	Q	MARGIE ANN JACKSON ROBBINS GRAHAM	TH EXPLORATION LLC	1/8+	921 91	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17526	9-5-5	Q	JEFFREY L REEVES AND JODY L REEVES	TH EXPLORATION LLC	1/8+	921 370	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17527	9-5-5	Q	JAMES MICHAEL EZELL AND LUCILLE D EZELL	TH EXPLORATION LLC	1/8+	921 111	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17561	9-5-5	Q	ROGER L TYRRELL AND KATHRYN L TYRRELL	TH EXPLORATION LLC	1/8+	927 24	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17564	9-5-5	Q	JAMES RONALD NICKOLSON AND TRACEY E NICKOLSON	TH EXPLORATION LLC	1/8+	921 340	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17565	9-5-5	Q	JESSE ALLEN JACKSON AND ELIZABETH D JACKSON	TH EXPLORATION LLC	1/8+	921 327	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17566	9-5-5	Q	NATHAN P ERDOSSY AND BARBARA T ERDOSSY	TH EXPLORATION LLC	1/8+	921 108	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17588	9-5-5	Q	JAMES M JACKSON	TH EXPLORATION LLC	1/8+	921 325	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17589	9-5-5	Q	MARY CHRISTINE MCKENNA	TH EXPLORATION LLC	1/8+	921 332	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17744	9-5-5	Q	SAM PRESLEY EZELL DIVERSICARE OF PELL CITY	TH EXPLORATION LLC	1/8+	921 116	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17983	9-5-5	Q	HOLLY SUE CUTHBERT	TH EXPLORATION LLC	1/8+	925 380	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*18021	9-5-5	Q	CHRISTOPHER A HANIFAN AND JACKIE F HANIFAN	TH EXPLORATION LLC	1/8+	927 267	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*18022	9-5-5	Q	DALE P WARD AND CYNTHIA J WARD	TH EXPLORATION LLC	1/8+	927 264	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*19524	9-5-5	Q	THE ESTATE OF AGNES IRENE EZELL CLARK BY DAVID M EDWARDS, EXECUTOR	TH EXPLORATION LLC	1/8+	942 633	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*19695	9-5-5	Q	GENERAL RECEIVER OF MARSHALL COUNTY ATTN: BERNIE TWIGG	TH EXPLORATION LLC	1/8+	944 333	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*19939	9-5-5	Q	ROBERT J MILLS & SHERRA SUE MILLS	TH EXPLORATION LLC	1/8+	949 212	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*25628	9-5-5	Q	STONE HILL MINERALS HOLDINGS LLC	TH EXPLORATION LLC	1/8+	1025 631	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.1	9-5-5	Q	JEAN ANNE GORBY STORCH AIF JOHN HERMAN STORCH	TH EXPLORATION LLC	1/8+	877 216	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.2	9-5-5	Q	STEPHANIE SCHIEFER AND GEOFFREY SCHIEFER	TH EXPLORATION LLC	1/8+	885 321	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.3	9-5-5	Q	ROBERT A LEADBETTER AND M REBECCA LEADBETTER	TH EXPLORATION LLC	1/8+	885 324	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.5	9-5-5	Q	HAROLD S BROWN II AND MARIA A BROWN	TH EXPLORATION LLC	1/8+	907 641	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.6	9-5-5	Q	JOSHUA RINE AND REBECCA RINE	TH EXPLORATION LLC	1/8+	907 634	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.7	9-5-5	Q	JACK R WILSON JR AND JANE A WILSON	TH EXPLORATION LLC	1/8+	908 4	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.8	9-5-5	Q	DAVID M WILSON	TH EXPLORATION LLC	1/8+	907 649	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.9	9-5-5	Q	LINDA DELBERT	TH EXPLORATION LLC	1/8+	908 32	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.10	9-5-5	Q	ROBERT E GORBY AND NANCY GORBY	TH EXPLORATION LLC	1/8+	908 47	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.11	9-5-5	Q	ELIZABETH ESTEP	TH EXPLORATION LLC	1/8+	908 37	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.12	9-5-5	Q	ALICE GORBY MARTIN	TH EXPLORATION LLC	1/8+	908 52	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.13	9-5-5	Q	JAMES A GORBY	TH EXPLORATION LLC	1/8+	908 42	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.14	9-5-5	Q	JUSTIN RINE AND BECKY RINE	TH EXPLORATION LLC	1/8+	907 639	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.15	9-5-5	Q	LARRY D TAUNT AND NANCY L TAUNT	TH EXPLORATION LLC	1/8+	908 14	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.16	9-5-5	Q	WILLIAM K STERN AND BETTY L STERN	TH EXPLORATION LLC	1/8+	908 64	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.17	9-5-5	Q	RALPH E HUNTER JR AND CHARLOTTE HUNTER	TH EXPLORATION LLC	1/8+	908 9	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.18	9-5-5	Q	BRITNEY MENEAR	TH EXPLORATION LLC	1/8+	908 57	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.19	9-5-5	Q	JASON RINE AND HEATHER RINE	TH EXPLORATION LLC	1/8+	907 629	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.20	9-5-5	Q	BARBARA A BUZZARD	TH EXPLORATION LLC	1/8+	908 24	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.21	9-5-5	Q	GARY T WARD AND SHARON D WARD	TH EXPLORATION LLC	1/8+	908 19	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.22	9-5-5	Q	SALLY DAVIS COLE	TH EXPLORATION LLC	1/8+	908 74	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.23	9-5-5	Q	RONALD S CRIM	TH EXPLORATION LLC	1/8+	908 79	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.24	9-5-5	Q	JO DEE K DAVIS	TH EXPLORATION LLC	1/8+	908 136	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.25	9-5-5	Q	JOANNE WELCH	TH EXPLORATION LLC	1/8+	908 141	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.26	9-5-5	Q	WENDY L SMARKEL	TH EXPLORATION LLC	1/8+	908 69	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.27	9-5-5	Q	TIMI J HOBBS	TH EXPLORATION LLC	1/8+	908 277	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.28	9-5-5	Q	KAREN S GAST	TH EXPLORATION LLC	1/8+	908 150	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.29	9-5-5	Q	PATSY JO RAJU	TH EXPLORATION LLC	1/8+	908 155	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.30	9-5-5	Q	LAURIE DRIGGERS MANDERSON	TH EXPLORATION LLC	1/8+	908 165	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.32	9-5-5	Q	JOSEPH GORBY DAKAN	TH EXPLORATION LLC	1/8+	908 175	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.33	9-5-5	Q	NANCY C HOUSLEY	TH EXPLORATION LLC	1/8+	908 187	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.34	9-5-5	Q	JOHN CIAFFAGLIONE	TH EXPLORATION LLC	1/8+	908 170	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.35	9-5-5	Q	DEBRA L CIAFFAGLIONE	TH EXPLORATION LLC	1/8+	908 192	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*15482	9-5-4.1	R	SUSAN NELSON	TH EXPLORATION LLC	1/8+	908 203	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*15594	9-5-4.1	R	IVAN F GORBY	TH EXPLORATION LLC	1/8+	695 527	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*15595	9-5-4.1	R	JOSEPH D DAKAN	CHESAPEAKE APPALACHIA LLC	1/8+	695 519	N/A	N/A	N/A	N/A	N/A	N/A	Chesapeake Appalachia LLC to Chevron USA Inc to TH Exploration LLC: 36/148 & 42/435
10*15596	9-5-4.1	R	JOHN E GORBY	CHESAPEAKE APPALACHIA LLC	1/8+	695 523	N/A	N/A	N/A	N/A	N/A	N/A	Chesapeake Appalachia LLC to Chevron USA Inc to TH Exploration LLC: 36/148 & 42/435
10*15597	9-5-4.1	R	KAREN S GAST	CHESAPEAKE APPALACHIA LLC	1/8+	694 534	N/A	N/A	N/A	N/A	N/A	N/A	Chesapeake Appalachia LLC to Chevron USA Inc to TH Exploration LLC: 36/148 & 42/435

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10*15598	9-5-4.1	R	ADA HAZEL GONTA	CHESAPEAKE APPALACHIA LLC	1/8+	695	183	N/A	N/A	N/A	N/A	N/A	Chesapeake Appalachia LLC to Chevron USA Inc: 30/461 Chevron USA Inc to TH Exploration LLC: 36/148 & 42/435
10*15599	9-5-4.1	R	PATSY JO RAJU	CHESAPEAKE APPALACHIA LLC	1/8+	694	561	N/A	N/A	N/A	N/A	N/A	Chesapeake Appalachia LLC to Chevron USA Inc: 30/461 Chevron USA Inc to TH Exploration LLC: 36/148 & 42/435
10*15686	9-5-4.1	R	JOHN OMER BOLTZ	TH EXPLORATION LLC	1/8+	908	160	N/A	N/A	N/A	N/A	N/A	N/A
10*15750	9-5-4.1	R	SANDRA K TRULL	TH EXPLORATION LLC	1/8+	908	229	N/A	N/A	N/A	N/A	N/A	N/A
10*16058	9-5-4.1	R	MATTIE RUTH JACKSON PRESCOTT	TH EXPLORATION LLC	1/8+	908	231	N/A	N/A	N/A	N/A	N/A	N/A
10*16118	9-5-4.1	R	RUBY RIDDLE JACKSON	TH EXPLORATION LLC	1/8+	908	233	N/A	N/A	N/A	N/A	N/A	N/A
10*16383	9-5-4.1	R	ROBERT STEPHEN DRIGGERS	TH EXPLORATION LLC	1/8+	908	224	N/A	N/A	N/A	N/A	N/A	N/A
10*16414	9-5-4.1	R	MARY ELIZABETH DRIGGERS	TH EXPLORATION LLC	1/8+	908	208	N/A	N/A	N/A	N/A	N/A	N/A
10*16415	9-5-4.1	R	TERENCE J ANDERSON AND NANCY J ANDERSON	TH EXPLORATION LLC	1/8+	908	213	N/A	N/A	N/A	N/A	N/A	N/A
10*16416	9-5-4.1	R	CYNTHIA HUDSON	TH EXPLORATION LLC	1/8+	908	219	N/A	N/A	N/A	N/A	N/A	N/A
10*16448	9-5-4.1	R	RALPH L AND JUANITA L CRIM	TH EXPLORATION LLC	1/8+	908	584	N/A	N/A	N/A	N/A	N/A	N/A
10*16478	9-5-4.1	R	MARION L AND EMILY CAMPBELL	TH EXPLORATION LLC	1/8+	908	245	N/A	N/A	N/A	N/A	N/A	N/A
10*16514	9-5-4.1	R	ALEX R CAMPBELL & JOYCE A CAMPBELL	TH EXPLORATION LLC	1/8+	908	248	N/A	N/A	N/A	N/A	N/A	N/A
10*16515	9-5-4.1	R	ANNA MARIE JACKSON	TH EXPLORATION LLC	1/8+	908	251	N/A	N/A	N/A	N/A	N/A	N/A
10*16516	9-5-4.1	R	WILSON ANDREW JACKSON	TH EXPLORATION LLC	1/8+	908	253	N/A	N/A	N/A	N/A	N/A	N/A
10*16545	9-5-4.1	R	ROBERT G FOUNDS AND ELLEN FOUNDS	TH EXPLORATION LLC	1/8+	908	260	N/A	N/A	N/A	N/A	N/A	N/A
10*16662	9-5-4.1	R	RICHARD THOMAS MIMS & VICKIE J MIMS	TH EXPLORATION LLC	1/8+	908	263	N/A	N/A	N/A	N/A	N/A	N/A
10*16666	9-5-4.1	R	MICHAEL P PYLE	TH EXPLORATION LLC	1/8+	908	255	N/A	N/A	N/A	N/A	N/A	N/A
10*16667	9-5-4.1	R	CHARLES F PYLE AND GAIL ANN PYLE	TH EXPLORATION LLC	1/8+	908	266	N/A	N/A	N/A	N/A	N/A	N/A
10*16668	9-5-4.1	R	JACK I PYLE AND MERRILEE ANN PYLE	TH EXPLORATION LLC	1/8+	908	257	N/A	N/A	N/A	N/A	N/A	N/A
10*16669	9-5-4.1	R	JOHN S DADO AND PATRICIA S DADO	TH EXPLORATION LLC	1/8+	908	269	N/A	N/A	N/A	N/A	N/A	N/A
10*16686	9-5-4.1	R	CHEVYLE M TRACEY	TH EXPLORATION LLC	1/8+	927	475	N/A	N/A	N/A	N/A	N/A	N/A
10*16688	9-5-4.1	R	SHERRY PYLE BAIR	TH EXPLORATION LLC	1/8+	927	481	N/A	N/A	N/A	N/A	N/A	N/A
10*16690	9-5-4.1	R	RICARDO ORTIZ	TH EXPLORATION LLC	1/8+	921	352	N/A	N/A	N/A	N/A	N/A	N/A
10*16720	9-5-4.1	R	DONNA ELAINE BRASKETT	TH EXPLORATION LLC	1/8+	921	152	N/A	N/A	N/A	N/A	N/A	N/A
10*16738	9-5-4.1	R	CHARLES A RINE AND RUTH K RINE	TH EXPLORATION LLC	1/8+	908	274	N/A	N/A	N/A	N/A	N/A	N/A
10*16747	9-5-4.1	R	WILLIAM DALE BRASKETT	TH EXPLORATION LLC	1/8+	921	96	N/A	N/A	N/A	N/A	N/A	N/A
10*16787	9-5-4.1	R	HERBERT B CAMPBELL & DONNA D CAMPBELL	TH EXPLORATION LLC	1/8+	942	451	N/A	N/A	N/A	N/A	N/A	N/A
10*16798	9-5-4.1	R	PATRICK A RANKIN AND ROBIN A RANKIN	TH EXPLORATION LLC	1/8+	921	364	N/A	N/A	N/A	N/A	N/A	N/A
10*16800	9-5-4.1	R	JAMES KENNETH JACKSON AND JULIE JACKSON	TH EXPLORATION LLC	1/8+	921	93	N/A	N/A	N/A	N/A	N/A	N/A
10*16802	9-5-4.1	R	CHRISTOPHER RICHARDSON AND TAMMY RICHARDSON	TH EXPLORATION LLC	1/8+	921	495	N/A	N/A	N/A	N/A	N/A	N/A
10*16804	9-5-4.1	R	WILLIAM N TAYLOR AND SHERRY D TAYLOR	TH EXPLORATION LLC	1/8+	921	510	N/A	N/A	N/A	N/A	N/A	N/A
10*16806	9-5-4.1	R	VIRGINIA WHITMAN TRUST DTD 7-25-1984 JON WHITMAN TRUSTEE	TH EXPLORATION LLC	1/8+	921	528	N/A	N/A	N/A	N/A	N/A	N/A
10*16807	9-5-4.1	R	DAVID TULLER AND SUSAN STORTS TULLER	TH EXPLORATION LLC	1/8+	921	513	N/A	N/A	N/A	N/A	N/A	N/A
10*16808	9-5-4.1	R	MICHAEL L ORTIZ	TH EXPLORATION LLC	1/8+	921	349	N/A	N/A	N/A	N/A	N/A	N/A
10*16815	9-5-4.1	R	HAROLD W PYLE	TH EXPLORATION LLC	1/8+	921	357	N/A	N/A	N/A	N/A	N/A	N/A
10*16819	9-5-4.1	R	TERESA ORTIZ BIGGS	TH EXPLORATION LLC	1/8+	921	147	N/A	N/A	N/A	N/A	N/A	N/A
10*16821	9-5-4.1	R	SHEILA BRASKETT WEICHEY	TH EXPLORATION LLC	1/8+	921	516	N/A	N/A	N/A	N/A	N/A	N/A
10*16836	9-5-4.1	R	RICK A STORTS AND LENORE A STORTS	TH EXPLORATION LLC	1/8+	921	507	N/A	N/A	N/A	N/A	N/A	N/A
10*16837	9-5-4.1	R	TERRY L POFF AND THELMA A POFF	TH EXPLORATION LLC	1/8+	927	472	N/A	N/A	N/A	N/A	N/A	N/A
10*16838	9-5-4.1	R	ROBERT G FUNARI	TH EXPLORATION LLC	1/8+	821	82	N/A	N/A	N/A	N/A	N/A	N/A
10*16839	9-5-4.1	R	JAMES B FOUNDS AND LYNN M MOWERY	TH EXPLORATION LLC	1/8+	921	73	N/A	N/A	N/A	N/A	N/A	N/A
10*16863	9-5-4.1	R	TINA MOORE	TH EXPLORATION LLC	1/8+	921	334	N/A	N/A	N/A	N/A	N/A	N/A
10*16868	9-5-4.1	R	MICHAEL W STORTS AND JESSICA M STORTS	TH EXPLORATION LLC	1/8+	921	504	N/A	N/A	N/A	N/A	N/A	N/A
10*16879	9-5-4.1	R	MARK E STORTS AND LESLEY A STORTS	TH EXPLORATION LLC	1/8+	921	501	N/A	N/A	N/A	N/A	N/A	N/A
10*16880	9-5-4.1	R	BEVERLY ANN STORTS	TH EXPLORATION LLC	1/8+	921	498	N/A	N/A	N/A	N/A	N/A	N/A
10*16902	9-5-4.1	R	MARY BARCAW DUKE	TH EXPLORATION LLC	1/8+	921	105	N/A	N/A	N/A	N/A	N/A	N/A
10*16962	9-5-4.1	R	DENNIS P FLORY AND BARBARA EZELL FLORY	TH EXPLORATION LLC	1/8+	921	70	N/A	N/A	N/A	N/A	N/A	N/A
10*16976	9-5-4.1	R	LESTER G AND CONSTANCE B NICKOLSON	TH EXPLORATION LLC	1/8+	921	343	N/A	N/A	N/A	N/A	N/A	N/A
10*16977	9-5-4.1	R	JEREMY COCHENOUR	TH EXPLORATION LLC	1/8+	921	102	N/A	N/A	N/A	N/A	N/A	N/A
10*16987	9-5-4.1	R	LAURIE EZELL PERRY	TH EXPLORATION LLC	1/8+	921	355	N/A	N/A	N/A	N/A	N/A	N/A
10*16989	9-5-4.1	R	BRITTANY RICHARDSON	TH EXPLORATION LLC	1/8+	921	376	N/A	N/A	N/A	N/A	N/A	N/A
10*16991	9-5-4.1	R	MARYELLEN FOUNDS AND LAUREN FOUNDS	TH EXPLORATION LLC	1/8+	921	79	N/A	N/A	N/A	N/A	N/A	N/A
10*16996	9-5-4.1	R	THOMAS RANKIN	TH EXPLORATION LLC	1/8+	917	75	N/A	N/A	N/A	N/A	N/A	N/A
10*17130	9-5-4.1	R	CINDY L BARGER	TH EXPLORATION LLC	1/8+	921	137	N/A	N/A	N/A	N/A	N/A	N/A
10*17155	9-5-4.1	R	JESSE LEON JR AND TERESA GAIL EZELLE	TH EXPLORATION LLC	1/8+	921	118	N/A	N/A	N/A	N/A	N/A	N/A
10*17156	9-5-4.1	R	HENRI NELL JACKSON KENT BARNES	TH EXPLORATION LLC	1/8+	921	139	N/A	N/A	N/A	N/A	N/A	N/A
10*17157	9-5-4.1	R	JAMES N REEVES JR AND RITA M REEVES	TH EXPLORATION LLC	1/8+	921	367	N/A	N/A	N/A	N/A	N/A	N/A
10*17198	9-5-4.1	R	THOMAS G AND DIANE W BAYLESS	TH EXPLORATION LLC	1/8+	921	141	N/A	N/A	N/A	N/A	N/A	N/A
10*17205	9-5-4.1	R	SANDRA JEAN WILSON	TH EXPLORATION LLC	1/8+	921	524	N/A	N/A	N/A	N/A	N/A	N/A
10*17274	9-5-4.1	R	DAVID H WILSON	TH EXPLORATION LLC	1/8+	921	474	N/A	N/A	N/A	N/A	N/A	N/A
10*17275	9-5-4.1	R	JOHN R REEVES AND MONA G REEVES	TH EXPLORATION LLC	1/8+	921	373	N/A	N/A	N/A	N/A	N/A	N/A

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10*17276	9-5-4.1	R	BERTHA EZELL WYATT	TH EXPLORATION LLC	1/8+	921 526	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17278	9-5-4.1	R	MICHAEL L EZELLE	TH EXPLORATION LLC	1/8+	921 121	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17339	9-5-4.1	R	JOSEPH W FOUNDS	TH EXPLORATION LLC	1/8+	921 76	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17377	9-5-4.1	R	MILTON HOWARD EZELLE JR AND ELIZABETH A EZELLE	TH EXPLORATION LLC	1/8+	921 123	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17416	9-5-4.1	R	ANDREW M ORTIZ	TH EXPLORATION LLC	1/8+	921 346	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17438	9-5-4.1	R	DENNIS M WILSON	TH EXPLORATION LLC	1/8+	921 476	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17440	9-5-4.1	R	KENDRA WALISA	TH EXPLORATION LLC	1/8+	927 484	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17441	9-5-4.1	R	RALPH J WILSON	TH EXPLORATION LLC	1/8+	921 522	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17442	9-5-4.1	R	SHANE ALLEN AND MENDY JEAN ALLEN	TH EXPLORATION LLC	1/8+	921 134	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17443	9-5-4.1	R	MICHELLE MORROW-BACK	TH EXPLORATION LLC	1/8+	921 337	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17444	9-5-4.1	R	KELLY FOUNDS CAMPBELL	TH EXPLORATION LLC	1/8+	921 99	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17449	9-5-4.1	R	PHYLLIS J BLAKE	TH EXPLORATION LLC	1/8+	921 150	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17482	9-5-4.1	R	TERESA EZELLE RALYA AND DAVID L RALYA	TH EXPLORATION LLC	1/8+	927 487	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17483	9-5-4.1	R	RICHARD I PYLE	TH EXPLORATION LLC	1/8+	921 359	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17484	9-5-4.1	R	NELDA S JACKSON	TH EXPLORATION LLC	1/8+	921 330	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17485	9-5-4.1	R	MARGIE ANN JACKSON ROBBINS GRAHAM	TH EXPLORATION LLC	1/8+	921 91	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17526	9-5-4.1	R	JEFFREY L REEVES AND JODY L REEVES	TH EXPLORATION LLC	1/8+	921 370	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17527	9-5-4.1	R	JAMES MICHAEL EZELL AND LUCILLE D EZELL	TH EXPLORATION LLC	1/8+	921 111	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17538	9-5-4.1	R	CHERYL RANKIN-KING	TH EXPLORATION LLC	1/8+	952 160	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17552	9-5-4.1	R	JOHN BEVACQUA AND PATRICIA A BEVACQUA	TH EXPLORATION LLC	1/8+	921 144	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17554	9-5-4.1	R	MICHAEL T RANKIN	TH EXPLORATION LLC	1/8+	921 361	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17561	9-5-4.1	R	ROGER L TYRRELL AND KATHRYN L TYRRELL	TH EXPLORATION LLC	1/8+	927 24	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17564	9-5-4.1	R	JAMES RONALD NICKOLSON AND TRACEY E NICKOLSON	TH EXPLORATION LLC	1/8+	921 340	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17565	9-5-4.1	R	JESSE ALLEN JACKSON AND ELIZABETH D JACKSON	TH EXPLORATION LLC	1/8+	921 327	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17566	9-5-4.1	R	NATHAN P EROSSY AND BARBARA T EROSSY	TH EXPLORATION LLC	1/8+	921 108	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17588	9-5-4.1	R	JAMES M JACKSON	TH EXPLORATION LLC	1/8+	921 325	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17589	9-5-4.1	R	MARY CHRISTINE MCKENNA	TH EXPLORATION LLC	1/8+	921 332	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17744	9-5-4.1	R	SAM PRESLEY EZELL DIVERSICARE OF PELL CITY	TH EXPLORATION LLC	1/8+	921 116	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17983	9-5-4.1	R	HOLLY SUE CUTHBERT	TH EXPLORATION LLC	1/8+	925 380	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*18021	9-5-4.1	R	CHRISTOPHER A HANIFAN AND JACKIE F HANIFAN	TH EXPLORATION LLC	1/8+	927 267	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*18022	9-5-4.1	R	DALE P WARD AND CYNTHIA J WARD	TH EXPLORATION LLC	1/8+	927 264	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*19524	9-5-4.1	R	THE ESTATE OF AGNES IRENE EZELL CLARK BY DAVID M EDWARDS, EXECUTOR	TH EXPLORATION LLC	1/8+	942 633	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*19693	9-5-4.1	R	MARIO R FUNARI	TH EXPLORATION LLC	1/8+	936 145	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*19695	9-5-4.1	R	GENERAL RECEIVER OF MARSHALL COUNTY ATTN: BERNIE TWIGG	TH EXPLORATION LLC	1/8+	944 333	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*19695.1	9-5-4.1	R	GENERAL RECEIVER OF MARSHALL COUNTY ATTN: BERNIE TWIGG	TH EXPLORATION LLC	1/8+	944 333	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*19939	9-5-4.1	R	ROBERT J MILLS & SHERRA SUE MILLS	TH EXPLORATION LLC	1/8+	949 212	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*22630	9-5-4.1	R	AGENA FOUNDATION INC MORGAN STANLEY WEALTH MANAGEMENT	TH EXPLORATION LLC	1/8+	1035 11	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*25628	9-5-4.1	R	STONE HILL MINERALS HOLDINGS LLC	TH EXPLORATION LLC	1/8+	1025 631	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.1	9-5-4.1	R	JEAN ANNE GORBY STORCH AIF JOHN HERMAN STORCH	TH EXPLORATION LLC	1/8+	877 216	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.2	9-5-4.1	R	STEPHANIE SCHIEFER AND GEOFFREY SCHIEFER	TH EXPLORATION LLC	1/8+	885 321	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.3	9-5-4.1	R	ROBERT A LEADBETTER AND M REBECCA LEADBETTER	TH EXPLORATION LLC	1/8+	885 324	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.5	9-5-4.1	R	HAROLD S BROWN II AND MARIA A BROWN	TH EXPLORATION LLC	1/8+	907 641	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.6	9-5-4.1	R	JOSHUA RINE AND REBECCA RINE	TH EXPLORATION LLC	1/8+	907 634	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.7	9-5-4.1	R	JACK R WILSON JR AND JANE A WILSON	TH EXPLORATION LLC	1/8+	908 4	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.8	9-5-4.1	R	DAVID M WILSON	TH EXPLORATION LLC	1/8+	907 649	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.14	9-5-4.1	R	JUSTIN RINE AND BECKY RINE	TH EXPLORATION LLC	1/8+	907 639	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.15	9-5-4.1	R	LARRY D TAUNT AND NANCY L TAUNT	TH EXPLORATION LLC	1/8+	908 14	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.16	9-5-4.1	R	WILLIAM K STERN AND BETTY L STERN	TH EXPLORATION LLC	1/8+	908 64	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.17	9-5-4.1	R	RALPH E HUNTER JR AND CHARLOTTE HUNTER	TH EXPLORATION LLC	1/8+	908 9	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.18	9-5-4.1	R	BRITTNEY MENEAR	TH EXPLORATION LLC	1/8+	908 57	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.19	9-5-4.1	R	JASON RINE AND HEATHER RINE	TH EXPLORATION LLC	1/8+	907 629	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.20	9-5-4.1	R	BARBARA A BUZZARD	TH EXPLORATION LLC	1/8+	908 24	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.21	9-5-4.1	R	GARY T WARD AND SHARON D WARD	TH EXPLORATION LLC	1/8+	908 19	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.24	9-5-4.1	R	JO DEE K DAVIS	TH EXPLORATION LLC	1/8+	908 136	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.28	9-5-4.1	R	KAREN S GAST	TH EXPLORATION LLC	1/8+	908 150	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.30	9-5-4.1	R	LAURIE DRIGGERS MANDERSON	TH EXPLORATION LLC	1/8+	908 165	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*15482	9-5-5.3	S	SUSAN NELSON	TH EXPLORATION LLC	1/8+	908 203	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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TH Exploration LLC to AEHUSA
 Wolfberry I LLC: 44/1
 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105

Lease ID	Parcel	Tag	Grantor, Lessor, Etc.	Grantee, Lessee, Etc.	Royalty	Deed Book/Page		Assignment	Assignment	Assignment	Assignment	Assignment	Assignment
10*15686	9-5-5.3	S	JOHN OMER BOLTZ	TH EXPLORATION LLC	1/8+	908	160	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16058	9-5-5.3	S	MATTIE RUTH JACKSON PRESCOTT	TH EXPLORATION LLC	1/8+	908	231	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16118	9-5-5.3	S	RUBY RIDDLE JACKSON	TH EXPLORATION LLC	1/8+	908	233	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16383	9-5-5.3	S	ROBERT STEPHEN DRIGGERS	TH EXPLORATION LLC	1/8+	908	224	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16414	9-5-5.3	S	MARY ELIZABETH DRIGGERS	TH EXPLORATION LLC	1/8+	908	208	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16415	9-5-5.3	S	TERENCE J ANDERSON AND NANCY J ANDERSON	TH EXPLORATION LLC	1/8+	908	213	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16416	9-5-5.3	S	CYNTHIA HUDSON	TH EXPLORATION LLC	1/8+	908	219	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16448	9-5-5.3	S	RALPH L AND JUANITA L CRIM	TH EXPLORATION LLC	1/8+	908	584	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16478	9-5-5.3	S	MARION L AND EMILY CAMPBELL	TH EXPLORATION LLC	1/8+	908	245	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16514	9-5-5.3	S	ALEX R CAMPBELL & JOYCE A CAMPBELL	TH EXPLORATION LLC	1/8+	908	248	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16515	9-5-5.3	S	ANNA MARIE JACKSON	TH EXPLORATION LLC	1/8+	908	251	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16516	9-5-5.3	S	WILSON ANDREW JACKSON	TH EXPLORATION LLC	1/8+	908	253	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16662	9-5-5.3	S	RICHARD THOMAS MIMS & VICKIE J MIMS	TH EXPLORATION LLC	1/8+	908	263	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105

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10*16738	9-5-5.3	S	CHARLES A RINE AND RUTH K RINE	TH EXPLORATION LLC	1/8+	908	274	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16787	9-5-5.3	S	HERBERT B CAMPBEL & DONNA D CAMPBELL	TH EXPLORATION LLC	1/8+	942	451	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16800	9-5-5.3	S	JAMES KENNETH JACKSON AND JULIE JACKSON	TH EXPLORATION LLC	1/8+	921	93	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16806	9-5-5.3	S	VIRGINIA WHITMAN TRUST DTD 7-25-1984 JON WHITMAN TRUSTEE	TH EXPLORATION LLC	1/8+	921	528	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16962	9-5-5.3	S	DENNIS P FLORY AND BARBARA EZELL FLORY	TH EXPLORATION LLC	1/8+	921	70	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16976	9-5-5.3	S	LESTER G AND CONSTANCE B NICKOLSON	TH EXPLORATION LLC	1/8+	921	343	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16987	9-5-5.3	S	LAURIE EZELL PERRY	TH EXPLORATION LLC	1/8+	921	355	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17130	9-5-5.3	S	CINDY L BARGER	TH EXPLORATION LLC	1/8+	921	137	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17155	9-5-5.3	S	JESSE LEON JR AND TERESA GAIL EZELLE	TH EXPLORATION LLC	1/8+	921	118	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17156	9-5-5.3	S	HENRI NELL JACKSON KENT BARNES	TH EXPLORATION LLC	1/8+	921	139	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17157	9-5-5.3	S	JAMES N REEVES JR AND RITA M REEVES	TH EXPLORATION LLC	1/8+	921	367	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17198	9-5-5.3	S	THOMAS G AND DIANE W BAYLESS	TH EXPLORATION LLC	1/8+	921	141	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17205	9-5-5.3	S	SANDRA JEAN WILSON	TH EXPLORATION LLC	1/8+	921	524	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105

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10*17274	9-5-5.3	S	DAVID H WILSON	TH EXPLORATION LLC	1/8+	921	474	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17275	9-5-5.3	S	JOHN R REEVES AND MONA G REEVES	TH EXPLORATION LLC	1/8+	921	373	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17276	9-5-5.3	S	BERTHA EZELL WYATT	TH EXPLORATION LLC	1/8+	921	526	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17278	9-5-5.3	S	MICHAEL L EZELLE	TH EXPLORATION LLC	1/8+	921	121	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17377	9-5-5.3	S	MILTON HOWARD EZELLE JR AND ELIZABETH A EZELLE	TH EXPLORATION LLC	1/8+	921	123	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17438	9-5-5.3	S	DENNIS M WILSON	TH EXPLORATION LLC	1/8+	921	476	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17441	9-5-5.3	S	RALPH J WILSON	TH EXPLORATION LLC	1/8+	921	522	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17449	9-5-5.3	S	PHYLLIS J BLAKE	TH EXPLORATION LLC	1/8+	921	150	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17482	9-5-5.3	S	TERESA EZELLE RALYA AND DAVID L RALYA	TH EXPLORATION LLC	1/8+	927	487	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17484	9-5-5.3	S	NELDA S JACKSON	TH EXPLORATION LLC	1/8+	921	330	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17485	9-5-5.3	S	MARGIE ANN JACKSON ROBBINS GRAHAM	TH EXPLORATION LLC	1/8+	921	91	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17526	9-5-5.3	S	JEFFREY L REEVES AND JODY L REEVES	TH EXPLORATION LLC	1/8+	921	370	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17527	9-5-5.3	S	JAMES MICHAEL EZELL AND LUCILLE D EZELL	TH EXPLORATION LLC	1/8+	921	111	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105

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10*17561	9-5-5.3	S	ROGER L TYRRELL AND KATHRYN L TYRRELL	TH EXPLORATION LLC	1/8+	927	24	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17564	9-5-5.3	S	JAMES RONALD NICKOLSON AND TRACEY E NICKOLSON	TH EXPLORATION LLC	1/8+	921	340	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17565	9-5-5.3	S	JESSE ALLEN JACKSON AND ELIZABETH D JACKSON	TH EXPLORATION LLC	1/8+	921	327	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17566	9-5-5.3	S	NATHAN P ERDOSSY AND BARBARA T ERDOSSY	TH EXPLORATION LLC	1/8+	921	108	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17588	9-5-5.3	S	JAMES M JACKSON	TH EXPLORATION LLC	1/8+	921	325	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17589	9-5-5.3	S	MARY CHRISTINE MCKENNA	TH EXPLORATION LLC	1/8+	921	332	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17744	9-5-5.3	S	SAM PRESLEY EZELL DIVERSICARE OF PELL CITY	TH EXPLORATION LLC	1/8+	921	116	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17983	9-5-5.3	S	HOLLY SUE CUTHBERT	TH EXPLORATION LLC	1/8+	925	380	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*18021	9-5-5.3	S	CHRISTOPHER A HANIFAN AND JACKIE F HANIFAN	TH EXPLORATION LLC	1/8+	927	267	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*18022	9-5-5.3	S	DALE P WARD AND CYNTHIA J WARD	TH EXPLORATION LLC	1/8+	927	264	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*19524	9-5-5.3	S	THE ESTATE OF AGNES IRENE EZELL CLARK BY DAVID M EDWARDS, EXECUTOR	TH EXPLORATION LLC	1/8+	942	633	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*19695	9-5-5.3	S	GENERAL RECEIVER OF MARSHALL COUNTY ATTN: BERNIE TWIGG	TH EXPLORATION LLC	1/8+	944	333	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*19939	9-5-5.3	S	ROBERT J MILLS & SHERRA SUE MILLS	TH EXPLORATION LLC	1/8+	949	212	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*21716	9-5-5.3	S	MICHAEL JOSEPH BAUM	CHESAPEAKE APPALACHIA LLC	1/8+	716	343	N/A	N/A	N/A	Chesapeake Appalachia LLC to Statoil USA Onshore Properties Inc: 29/325	Statoil USA Onshore Properties Inc to Chevron USA Inc: 30/427	Chesapeake Appalachia LLC to Chevron USA Inc: 30/461 Chevron USA Inc to TH Exploration LLC: 42/435

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10*23839	9-5-5.3	S	MICHAEL J SNYDER	TH EXPLORATION LLC		1016	631	N/A	N/A	N/A	N/A	N/A	N/A
10*24550	9-5-5.3	S	UNKNOWN HEIRS OF VIRGINIA PEARL FOUNDS KASSERMAN, ET AL	TH EXPLORATION LLC	1/8+	1025	396	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*24707	9-5-5.3	S	DONALD W MCVITTY	TH EXPLORATION LLC	1/8+	1019	396	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*25628	9-5-5.3	S	STONE HILL MINERALS HOLDINGS LLC	TH EXPLORATION LLC	1/8+	1025	631	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.1	9-5-5.3	S	JEAN ANNE GORBY STORCH AIF JOHN HERMAN STORCH	TH EXPLORATION LLC	1/8+	877	216	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.2	9-5-5.3	S	STEPHANIE SCHIEFER AND GEOFFREY SCHIEFER	TH EXPLORATION LLC	1/8+	885	321	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.3	9-5-5.3	S	ROBERT A LEADBETTER AND M REBECCA LEADBETTER	TH EXPLORATION LLC	1/8+	885	324	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.5	9-5-5.3	S	HAROLD S BROWN II AND MARIA A BROWN	TH EXPLORATION LLC	1/8+	907	641	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.6	9-5-5.3	S	JOSHUA RINE AND REBECCA RINE	TH EXPLORATION LLC	1/8+	907	634	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.7	9-5-5.3	S	JACK R WILSON JR AND JANE A WILSON	TH EXPLORATION LLC	1/8+	908	4	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.8	9-5-5.3	S	DAVID M WILSON	TH EXPLORATION LLC	1/8+	907	649	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.9	9-5-5.3	S	LINDA DELBERT	TH EXPLORATION LLC	1/8+	908	32	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.10	9-5-5.3	S	ROBERT E GORBY AND NANCY GORBY	TH EXPLORATION LLC	1/8+	908	47	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.11	9-5-5.3	S	ELIZABETH ESTEP	TH EXPLORATION LLC	1/8+	908	37	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105

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10*47051.223.12	9-5-5.3	S	ALICE GORBY MARTIN	TH EXPLORATION LLC	1/8+	908	52	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.13	9-5-5.3	S	JAMES A GORBY	TH EXPLORATION LLC	1/8+	908	42	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.14	9-5-5.3	S	JUSTIN RINE AND BECKY RINE	TH EXPLORATION LLC	1/8+	907	639	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.15	9-5-5.3	S	LARRY D TAUNT AND NANCY L TAUNT	TH EXPLORATION LLC	1/8+	908	14	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.16	9-5-5.3	S	WILLIAM K STERN AND BETTY L STERN	TH EXPLORATION LLC	1/8+	908	64	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.17	9-5-5.3	S	RALPH E HUNTER JR AND CHARLOTTE HUNTER	TH EXPLORATION LLC	1/8+	908	9	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.18	9-5-5.3	S	BRITNEY MENEAR	TH EXPLORATION LLC	1/8+	908	57	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.19	9-5-5.3	S	JASON RINE AND HEATHER RINE	TH EXPLORATION LLC	1/8+	907	629	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.20	9-5-5.3	S	BARBARA A BUZZARD	TH EXPLORATION LLC	1/8+	908	24	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.21	9-5-5.3	S	GARY T WARD AND SHARON D WARD	TH EXPLORATION LLC	1/8+	908	19	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.24	9-5-5.3	S	JO DEE K DAVIS	TH EXPLORATION LLC	1/8+	908	136	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.28	9-5-5.3	S	KAREN S GAST	TH EXPLORATION LLC	1/8+	908	150	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.30	9-5-5.3	S	Laurie Driggers Manderson	TH EXPLORATION LLC	1/8+	908	165	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105

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10*16448	9-5-6.5	T	RALPH L AND JUANITA L CRIM	TH EXPLORATION LLC	1/8+	908	584	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16545	9-5-6.5	T	ROBERT G FOUNDS AND ELLEN FOUNDS	TH EXPLORATION LLC	1/8+	908	260	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16666	9-5-6.5	T	MICHAEL P PYLE	TH EXPLORATION LLC	1/8+	908	255	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16667	9-5-6.5	T	CHARLES F PYLE AND GAIL ANN PYLE	TH EXPLORATION LLC	1/8+	908	266	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16668	9-5-6.5	T	JACK I PYLE AND MERRILEE ANN PYLE	TH EXPLORATION LLC	1/8+	908	257	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16669	9-5-6.5	T	JOHN S DADO AND PATRICIA S DADO	TH EXPLORATION LLC	1/8+	908	269	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16686	9-5-6.5	T	CHERYLE M TRACEY	TH EXPLORATION LLC	1/8+	927	475	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16688	9-5-6.5	T	SHERRYL PYLE BAIR	TH EXPLORATION LLC	1/8+	927	481	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16690	9-5-6.5	T	RICARDO ORTIZ	TH EXPLORATION LLC	1/8+	921	352	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16720	9-5-6.5	T	DONNA ELAINE BRASKETT	TH EXPLORATION LLC	1/8+	921	152	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16738	9-5-6.5	T	CHARLES A RINE AND RUTH K RINE	TH EXPLORATION LLC	1/8+	908	274	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16747	9-5-6.5	T	WILLIAM DALE BRASKETT	TH EXPLORATION LLC	1/8+	921	96	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16798	9-5-6.5	T	PATRICK A RANKIN AND ROBIN A RANKIN	TH EXPLORATION LLC	1/8+	921	364	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105

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			4705101960										
10*16802	9-5-6.5	T	CHRISTOPHER RICHARDSON AND TAMMY RICHARDSON	TH EXPLORATION LLC	1/8+	921 495	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105	
10*16804	9-5-6.5	T	WILLIAM N TAYLOR AND SHERRY D TAYLOR	TH EXPLORATION LLC	1/8+	921 510	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105	
10*16805	9-5-6.5	T	VIRGINIA WHITMAN TRUST DTD 7-25-1984 JON WHITMAN TRUSTEE	TH EXPLORATION LLC	1/8+	921 528	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105	
10*16807	9-5-6.5	T	DAVID TULLER AND SUSAN STORTS TULLER	TH EXPLORATION LLC	1/8+	921 513	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105	
10*16808	9-5-6.5	T	MICHAEL L ORTIZ	TH EXPLORATION LLC	1/8+	921 349	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105	
10*16815	9-5-6.5	T	HAROLD W PYLE	TH EXPLORATION LLC	1/8+	921 357	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105	
10*16819	9-5-6.5	T	TERESA ORTIZ BIGGS	TH EXPLORATION LLC	1/8+	921 147	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105	
10*16821	9-5-6.5	T	SHEILA BRASKETT WEICHEY	TH EXPLORATION LLC	1/8+	921 516	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105	
10*16836	9-5-6.5	T	RICK A STORTS AND LENORE A STORTS	TH EXPLORATION LLC	1/8+	921 507	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105	
10*16837	9-5-6.5	T	TERRY L POFF AND THELMA A POFF	TH EXPLORATION LLC	1/8+	927 472	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105	
10*16838	9-5-6.5	T	ROBERT G FUNARI	TH EXPLORATION LLC	1/8+	821 82	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105	
10*16839	9-5-6.5	T	JAMES B FOUNDS AND LYNN M MOWERY	TH EXPLORATION LLC	1/8+	921 73	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105	
10*16863	9-5-6.5	T	TINA MOORE	TH EXPLORATION LLC	1/8+	921 334	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105	

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10*16868	9-5-6.5	T	MICHAEL W STORTS AND JESSICA M STORTS	TH EXPLORATION LLC	1/8+	921	504	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16879	9-5-6.5	T	MARK E STORTS AND LESLEY A STORTS	TH EXPLORATION LLC	1/8+	921	501	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16880	9-5-6.5	T	BEVERLY ANN STORTS	TH EXPLORATION LLC	1/8+	921	498	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16902	9-5-6.5	T	MARY BARCAW DUKE	TH EXPLORATION LLC	1/8+	921	105	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16977	9-5-6.5	T	JEREMY COCHENOUR	TH EXPLORATION LLC	1/8+	921	102	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16989	9-5-6.5	T	BRITTANY RICHARDSON	TH EXPLORATION LLC	1/8+	921	376	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16991	9-5-6.5	T	MARYELLEN FOUNDS AND LAUREN FOUNDS	TH EXPLORATION LLC	1/8+	921	79	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16996	9-5-6.5	T	THOMAS RANKIN	TH EXPLORATION LLC	1/8+	917	75	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17198	9-5-6.5	T	THOMAS G AND DIANE W BAYLESS	TH EXPLORATION LLC	1/8+	921	141	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17205	9-5-6.5	T	SANDRA JEAN WILSON	TH EXPLORATION LLC	1/8+	921	524	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17274	9-5-6.5	T	DAVID H WILSON	TH EXPLORATION LLC	1/8+	921	474	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17339	9-5-6.5	T	JOSEPH W FOUNDS	TH EXPLORATION LLC	1/8+	921	76	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17416	9-5-6.5	T	ANDREW M ORTIZ	TH EXPLORATION LLC	1/8+	921	346	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105

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10*17438	9-5-6.5	T	DENNIS M WILSON	TH EXPLORATION LLC	1/8+	921 476	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17440	9-5-6.5	T	KENDRA WALISA	TH EXPLORATION LLC	1/8+	927 484	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17441	9-5-6.5	T	RALPH J WILSON	TH EXPLORATION LLC	1/8+	921 522	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17442	9-5-6.5	T	SHANE ALLEN AND MENDY JEAN ALLEN	TH EXPLORATION LLC	1/8+	921 134	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17443	9-5-6.5	T	MICHELLE MORROW-BACK	TH EXPLORATION LLC	1/8+	921 337	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17444	9-5-6.5	T	KELLY FOUNDS CAMPBELL	TH EXPLORATION LLC	1/8+	921 99	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17449	9-5-6.5	T	PHYLLIS J BLAKE	TH EXPLORATION LLC	1/8+	921 150	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17483	9-5-6.5	T	RICHARD I PYLE	TH EXPLORATION LLC	1/8+	921 359	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17538	9-5-6.5	T	CHERYL RANKIN-KING	TH EXPLORATION LLC	1/8+	952 160	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17552	9-5-6.5	T	JOHN BEVACQUA AND PATRICIA A BEVACQUA	TH EXPLORATION LLC	1/8+	921 144	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17554	9-5-6.5	T	MICHAEL T RANKIN	TH EXPLORATION LLC	1/8+	921 361	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17561	9-5-6.5	T	ROGER L TYRRELL AND KATHRYN L TYRRELL	TH EXPLORATION LLC	1/8+	927 24	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17589	9-5-6.5	T	MARY CHRISTINE MCKENNA	TH EXPLORATION LLC	1/8+	921 332	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105

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10*18021	9-5-6.5	T	CHRISTOPHER A HANIFAN AND CKL F HANIFAN	TH EXPLORATION LLC	1/8+	927	267	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*18022	9-5-6.5	T	DALE P WARD AND CYNTHIA J WARD	TH EXPLORATION LLC	1/8+	927	264	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*19693	9-5-6.5	T	MARIO R FUNARI	TH EXPLORATION LLC	1/8+	936	145	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*19695.1	9-5-6.5	T	GENERAL RECEIVER OF MARSHALL COUNTY ATTN: BERNIE TWIGG	TH EXPLORATION LLC	1/8+	944	333	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*21696	9-5-6.5	T	JOSEPH D DAKAN	CHESAPEAKE APPALACHIA LLC	1/8+	694	71	N/A	N/A	N/A	N/A	N/A	Chesapeake Appalachia LLC to Chevron USA Inc: 30/461 Chevron USA Inc to TH Exploration LLC: 42/435
10*21698	9-5-6.5	T	PATSY JO RAJU	CHESAPEAKE APPALACHIA LLC	1/8+	695	175	N/A	N/A	N/A	N/A	N/A	Chesapeake Appalachia LLC to Chevron USA Inc: 30/461 Chevron USA Inc to TH Exploration LLC: 42/435
10*21718	9-5-6.5	T	LINDA S DELBERT	CHESAPEAKE APPALACHIA LLC	1/8+	695	187	N/A	Chesapeake Appalachia LLC to Statoil USA Onshore Properties Inc: 23/479	Statoil USA Onshore Properties Inc to Chevron USA Inc: 30/427	Chesapeake Appalachia LLC to Chevron USA Inc: 30/461	Chevron USA Inc to TH Exploration LLC: 36/148	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*22630	9-5-6.5	T	AGENA FOUNDATION INC MORGAN STANLEY WEALTH MANAGEMENT	TH EXPLORATION LLC	1/8+	1035	11	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*24550	9-5-6.5	T	UNKNOWN HEIRS OF VIRGINIA PEARL FOUNDS KASSERMAN, ET AL	TH EXPLORATION LLC	1/8+	1025	396	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*24707	9-5-6.5	T	DONALD W MCVITTY	TH EXPLORATION LLC	1/8+	1019	396	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.2	9-5-6.5	T	STEPHANIE SCHIEFER AND GEOFFREY SCHIEFER	TH EXPLORATION LLC	1/8+	885	321	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.3	9-5-6.5	T	ROBERT A LEADBETTER AND M REBECCA LEADBETTER	TH EXPLORATION LLC	1/8+	885	324	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.5	9-5-6.5	T	HAROLD S BROWN II AND MARIA A BROWN	TH EXPLORATION LLC	1/8+	907	641	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.6	9-5-6.5	T	JOSHUA RINE AND REBECCA RINE	TH EXPLORATION LLC	1/8+	907	634	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105

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10*47051.223.7	9-5-6.5	T	JACK R WILSON JR AND JANE A WILSON	TH EXPLORATION LLC	1/8+	908 4	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.8	9-5-6.5	T	DAVID M WILSON	TH EXPLORATION LLC	1/8+	907 649	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.14	9-5-6.5	T	JUSTIN RINE AND BECKY RINE	TH EXPLORATION LLC	1/8+	907 639	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.15	9-5-6.5	T	LARRY D TAUNT AND NANCY L TAUNT	TH EXPLORATION LLC	1/8+	908 14	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.16	9-5-6.5	T	WILLIAM K STERN AND BETTY L STERN	TH EXPLORATION LLC	1/8+	908 64	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.17	9-5-6.5	T	RALPH E HUNTER JR AND CHARLOTTE HUNTER	TH EXPLORATION LLC	1/8+	908 9	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.18	9-5-6.5	T	BRITNEY MENEAR	TH EXPLORATION LLC	1/8+	908 57	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.19	9-5-6.5	T	JASON RINE AND HEATHER RINE	TH EXPLORATION LLC	1/8+	907 629	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.20	9-5-6.5	T	BARBARA A BUZZARD	TH EXPLORATION LLC	1/8+	908 24	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.21	9-5-6.5	T	GARY T WARD AND SHARON D WARD	TH EXPLORATION LLC	1/8+	908 19	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.24	9-5-6.5	T	JO DEE K DAVIS	TH EXPLORATION LLC	1/8+	908 136	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16448	9-5-6.3	U	RALPH L AND JUANITA L CRIM	TH EXPLORATION LLC	1/8+	908 584	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16545	9-5-6.3	U	ROBERT G FOUNDS AND ELLEN FOUNDS	TH EXPLORATION LLC	1/8+	908 260	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105

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10*16666	9-5-6.3	U	MICHAEL P PYLE	TH EXPLORATION LLC	1/8+	908 255	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16667	9-5-6.3	U	CHARLES F PYLE AND GAIL ANN PYLE	TH EXPLORATION LLC	1/8+	908 266	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16668	9-5-6.3	U	JACK I PYLE AND MERRILEE ANN PYLE	TH EXPLORATION LLC	1/8+	908 257	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16669	9-5-6.3	U	JOHN S DADO AND PATRICIA S DADO	TH EXPLORATION LLC	1/8+	908 269	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16686	9-5-6.3	U	CHERYLE M TRACEY	TH EXPLORATION LLC	1/8+	927 475	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16688	9-5-6.3	U	SHERRYL PYLE BAIR	TH EXPLORATION LLC	1/8+	927 481	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16690	9-5-6.3	U	RICARDO ORTIZ	TH EXPLORATION LLC	1/8+	921 352	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16720	9-5-6.3	U	DONNA ELAINE BRASKETT	TH EXPLORATION LLC	1/8+	921 152	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16738	9-5-6.3	U	CHARLES A RINE AND RUTH K RINE	TH EXPLORATION LLC	1/8+	908 274	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16747	9-5-6.3	U	WILLIAM DALE BRASKETT	TH EXPLORATION LLC	1/8+	921 96	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16798	9-5-6.3	U	PATRICK A RANKIN AND ROBIN A RANKIN	TH EXPLORATION LLC	1/8+	921 364	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16802	9-5-6.3	U	CHRISTOPHER RICHARDSON AND TAMMY RICHARDSON	TH EXPLORATION LLC	1/8+	921 495	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16804	9-5-6.3	U	WILLIAM N TAYLOR AND SHERRY D TAYLOR	TH EXPLORATION LLC	1/8+	921 510	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105

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10*16806	9-5-6.3	U	VIRGINIA WHITMAN TRUST DTD 7-25-1984 JON WHITMAN TRUSTEE	TH EXPLORATION LLC	1/8+	921	528	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16807	9-5-6.3	U	DAVID TULLER AND SUSAN STORTS TULLER	TH EXPLORATION LLC	1/8+	921	513	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16808	9-5-6.3	U	MICHAEL L ORTIZ	TH EXPLORATION LLC	1/8+	921	349	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16815	9-5-6.3	U	HAROLD W PYLE	TH EXPLORATION LLC	1/8+	921	357	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16819	9-5-6.3	U	TERESA ORTIZ BIGGS	TH EXPLORATION LLC	1/8+	921	147	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16821	9-5-6.3	U	SHEILA BRASKETT WEICHEY	TH EXPLORATION LLC	1/8+	921	516	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16836	9-5-6.3	U	RICK A STORTS AND LENORE A STORTS	TH EXPLORATION LLC	1/8+	921	507	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16837	9-5-6.3	U	TERRY L POFF AND THELMA A POFF	TH EXPLORATION LLC	1/8+	927	472	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16838	9-5-6.3	U	ROBERT G FUNARI	TH EXPLORATION LLC	1/8+	821	82	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16839	9-5-6.3	U	JAMES B FOUNDS AND LYNN M MOWERY	TH EXPLORATION LLC	1/8+	921	73	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16863	9-5-6.3	U	TINA MOORE	TH EXPLORATION LLC	1/8+	921	334	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16868	9-5-6.3	U	MICHAEL W STORTS AND JESSICA M STORTS	TH EXPLORATION LLC	1/8+	921	504	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16879	9-5-6.3	U	MARK E STORTS AND LESLEY A STORTS	TH EXPLORATION LLC	1/8+	921	501	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105

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10*16880	9-5-6.3	U	BEVERLY ANN STORTS	TH EXPLORATION LLC	1/8+	921	498	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16902	9-5-6.3	U	MARY BARCAW DUKE	TH EXPLORATION LLC	1/8+	921	105	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16977	9-5-6.3	U	JEREMY COCHENOUR	TH EXPLORATION LLC	1/8+	921	102	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16989	9-5-6.3	U	BRITTANY RICHARDSON	TH EXPLORATION LLC	1/8+	921	376	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16991	9-5-6.3	U	MARYELLEN FOUNDS AND LAUREN FOUNDS	TH EXPLORATION LLC	1/8+	921	79	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16996	9-5-6.3	U	THOMAS RANKIN	TH EXPLORATION LLC	1/8+	917	75	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17198	9-5-6.3	U	THOMAS G AND DIANE W BAYLESS	TH EXPLORATION LLC	1/8+	921	141	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17205	9-5-6.3	U	SANDRA JEAN WILSON	TH EXPLORATION LLC	1/8+	921	524	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17274	9-5-6.3	U	DAVID H WILSON	TH EXPLORATION LLC	1/8+	921	474	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17339	9-5-6.3	U	JOSEPH W FOUNDS	TH EXPLORATION LLC	1/8+	921	76	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17416	9-5-6.3	U	ANDREW M ORTIZ	TH EXPLORATION LLC	1/8+	921	346	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17438	9-5-6.3	U	DENNIS M WILSON	TH EXPLORATION LLC	1/8+	921	476	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17440	9-5-6.3	U	KENDRA WALISA	TH EXPLORATION LLC	1/8+	927	484	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105

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10*17441	9-5-6.3	U	RALPH J WILSON	TH EXPLORATION LLC	1/8+	921	522	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17442	9-5-6.3	U	SHANE ALLEN AND MENDY JEAN ALLEN	TH EXPLORATION LLC	1/8+	921	134	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17443	9-5-6.3	U	MICHELLE MORROW-BACK	TH EXPLORATION LLC	1/8+	921	337	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17444	9-5-6.3	U	KELLY FOUNDS CAMPBELL	TH EXPLORATION LLC	1/8+	921	99	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17449	9-5-6.3	U	PHYLIS J BLAKE	TH EXPLORATION LLC	1/8+	921	150	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17483	9-5-6.3	U	RICHARD I PYLE	TH EXPLORATION LLC	1/8+	921	359	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17538	9-5-6.3	U	CHERYL RANKIN-KING	TH EXPLORATION LLC	1/8+	952	160	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17552	9-5-6.3	U	JOHN BEVACQUA AND PATRICIA A BEVACQUA	TH EXPLORATION LLC	1/8+	921	144	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17554	9-5-6.3	U	MICHAEL T RANKIN	TH EXPLORATION LLC	1/8+	921	361	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17561	9-5-6.3	U	ROGER L TYRRELL AND KATHRYN L TYRRELL	TH EXPLORATION LLC	1/8+	927	24	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17589	9-5-6.3	U	MARY CHRISTINE MCKENNA	TH EXPLORATION LLC	1/8+	921	332	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*18021	9-5-6.3	U	CHRISTOPHER A HANIFAN AND JACKIE F HANIFAN	TH EXPLORATION LLC	1/8+	927	267	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*18022	9-5-6.3	U	DALE P WARD AND CYNTHIA J WARD	TH EXPLORATION LLC	1/8+	927	264	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105

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10*19693	9-5-6.3	U	MARIO R FUNARI	TH EXPLORATION LLC	1/8+	936 145	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*19695.1	9-5-6.3	U	GENERAL RECEIVER OF MARSHALL COUNTY ATTN: BERNIE TWIGG	TH EXPLORATION LLC	1/8+	944 333	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*21696	9-5-6.3	U	JOSEPH D DAKAN	CHESAPEAKE APPALACHIA LLC	1/8+	694 71	N/A	N/A	N/A	Chesapeake Appalachia LLC to Chevron USA Inc: 30/461	Chevron USA Inc to TH Exploration LLC: 42/435	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC &
10*21698	9-5-6.3	U	PATSY JO RAJU	CHESAPEAKE APPALACHIA LLC	1/8+	695 175	N/A	N/A	N/A	Chesapeake Appalachia LLC to Chevron USA Inc: 30/461	Chevron USA Inc to TH Exploration LLC: 42/435	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC &
10*22630	9-5-6.3	U	AGENA FOUNDATION INC MORGAN STANLEY WEALTH MANAGEMENT	TH EXPLORATION LLC	1/8+	1035 11	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*24035	9-5-6.3	U	LINDA DELBERT	TH EXPLORATION LLC	1/8+	1020 261	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*24550	9-5-6.3	U	UNKNOWN HEIRS OF VIRGINIA PEARL FOUNDS KASSERMAN, ET AL	TH EXPLORATION LLC	1/8+	1025 396	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*24707	9-5-6.3	U	DONALD W MCVITTY	TH EXPLORATION LLC	1/8+	1019 396	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.2	9-5-6.3	U	STEPHANIE SCHIEFER AND GEOFFREY SCHIEFER	TH EXPLORATION LLC	1/8+	885 321	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.3	9-5-6.3	U	ROBERT A LEADBETTER AND M REBECCA LEADBETTER	TH EXPLORATION LLC	1/8+	885 324	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.5	9-5-6.3	U	HAROLD S BROWN II AND MARIA A BROWN	TH EXPLORATION LLC	1/8+	907 641	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.6	9-5-6.3	U	JOSHUA RINE AND REBECCA RINE	TH EXPLORATION LLC	1/8+	907 634	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.7	9-5-6.3	U	JACK R WILSON JR AND JANE A WILSON	TH EXPLORATION LLC	1/8+	908 4	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.8	9-5-6.3	U	DAVID M WILSON	TH EXPLORATION LLC	1/8+	907 649	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105

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10*47051.223.14	9-5-6.3	U	JUSTIN RINE AND BECKY RINE	TH EXPLORATION LLC	1/8+	907	639	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.15	9-5-6.3	U	LARRY D TAUNT AND NANCY L TAUNT	TH EXPLORATION LLC	1/8+	908	14	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.16	9-5-6.3	U	WILLIAM K STERN AND BETTY L STERN	TH EXPLORATION LLC	1/8+	908	64	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.17	9-5-6.3	U	RALPH E HUNTER JR AND CHARLOTTE HUNTER	TH EXPLORATION LLC	1/8+	908	9	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.18	9-5-6.3	U	BRITNEY MENEAR	TH EXPLORATION LLC	1/8+	908	57	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.19	9-5-6.3	U	JASON RINE AND HEATHER RINE	TH EXPLORATION LLC	1/8+	907	629	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.20	9-5-6.3	U	BARBARA A BUZZARD	TH EXPLORATION LLC	1/8+	908	24	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.21	9-5-6.3	U	GARY T WARD AND SHARON D WARD	TH EXPLORATION LLC	1/8+	908	19	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.24	9-5-6.3	U	JO DEE K DAVIS	TH EXPLORATION LLC	1/8+	908	136	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*15482	9-5-5.2	V	SUSAN NELSON	TH EXPLORATION LLC	1/8+	908	203	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*15686	9-5-5.2	V	JOHN OMER BOLTZ	TH EXPLORATION LLC	1/8+	908	160	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*15750	9-5-5.2	V	SANDRA K TRULL	TH EXPLORATION LLC	1/8+	908	229	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16058	9-5-5.2	V	MATTIE RUTH JACKSON PRESCOTT	TH EXPLORATION LLC	1/8+	908	231	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105

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10*16118	9-5-5.2	V	RUBY RIDDLE JACKSON	TH EXPLORATION LLC	1/8+	908	233	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16383	9-5-5.2	V	ROBERT STEPHEN DRIGGERS	TH EXPLORATION LLC	1/8+	908	224	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16414	9-5-5.2	V	MARY ELIZABETH DRIGGERS	TH EXPLORATION LLC	1/8+	908	208	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16415	9-5-5.2	V	TERENCE J ANDERSON AND NANCY J ANDERSON	TH EXPLORATION LLC	1/8+	908	213	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16416	9-5-5.2	V	CYNTHIA HUDSON	TH EXPLORATION LLC	1/8+	908	219	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16448	9-5-5.2	V	RALPH L AND JUANITA L CRIM	TH EXPLORATION LLC	1/8+	908	584	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16478	9-5-5.2	V	MARION L AND EMILY CAMPBELL	TH EXPLORATION LLC	1/8+	908	245	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16514	9-5-5.2	V	ALEX R CAMPBELL & JOYCE A CAMPBELL	TH EXPLORATION LLC	1/8+	908	248	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16515	9-5-5.2	V	ANNA MARIE JACKSON	TH EXPLORATION LLC	1/8+	908	251	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16516	9-5-5.2	V	WILSON ANDREW JACKSON	TH EXPLORATION LLC	1/8+	908	253	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16662	9-5-5.2	V	RICHARD THOMAS MIMS & VICKIE J MIMS	TH EXPLORATION LLC	1/8+	908	263	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16738	9-5-5.2	V	CHARLES A RINE AND RUTH K RINE	TH EXPLORATION LLC	1/8+	908	274	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16787	9-5-5.2	V	HERBERT B CAMPBEL & DONNA D CAMPBELL	TH EXPLORATION LLC	1/8+	942	451	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105

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			4705101960											
10*16800	9-5-5.2	V	JAMES KENNETH JACKSON AND JULIE JACKSON	TH EXPLORATION LLC	1/8+	921	93	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105	
10*16806	9-5-5.2	V	VIRGINIA WHITMAN TRUST DTD 7-25-1984 JON WHITMAN TRUSTEE	TH EXPLORATION LLC	1/8+	921	528	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105	
10*16962	9-5-5.2	V	DENNIS P FLORY AND BARBARA EZELL FLORY	TH EXPLORATION LLC	1/8+	921	70	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105	
10*16976	9-5-5.2	V	LESTER G AND CONSTANCE B NICKOLSON	TH EXPLORATION LLC	1/8+	921	343	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105	
10*16987	9-5-5.2	V	LAURIE EZELL PERRY	TH EXPLORATION LLC	1/8+	921	355	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105	
10*17130	9-5-5.2	V	CINDY L BARGER	TH EXPLORATION LLC	1/8+	921	137	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105	
10*17155	9-5-5.2	V	JESSE LEON JR AND TERESA GAIL EZELLE	TH EXPLORATION LLC	1/8+	921	118	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105	
10*17156	9-5-5.2	V	HENRI NELL JACKSON KENT BARNES	TH EXPLORATION LLC	1/8+	921	139	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105	
10*17157	9-5-5.2	V	JAMES N REEVES JR AND RITA M REEVES	TH EXPLORATION LLC	1/8+	921	367	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105	
10*17198	9-5-5.2	V	THOMAS G AND DIANE W BAYLESS	TH EXPLORATION LLC	1/8+	921	141	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105	
10*17205	9-5-5.2	V	SANDRA JEAN WILSON	TH EXPLORATION LLC	1/8+	921	524	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105	
10*17274	9-5-5.2	V	DAVID H WILSON	TH EXPLORATION LLC	1/8+	921	474	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105	
10*17275	9-5-5.2	V	JOHN R REEVES AND MONA G REEVES	TH EXPLORATION LLC	1/8+	921	373	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105	

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10*17276	9-5-5.2	V	BERTHA EZELL WYATT	TH EXPLORATION LLC	1/8+	921	526	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17278	9-5-5.2	V	MICHAEL L EZELLE	TH EXPLORATION LLC	1/8+	921	121	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17377	9-5-5.2	V	MILTON HOWARD EZELLE JR AND ELIZABETH A EZELLE	TH EXPLORATION LLC	1/8+	921	123	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17438	9-5-5.2	V	DENNIS M WILSON	TH EXPLORATION LLC	1/8+	921	476	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17441	9-5-5.2	V	RALPH J WILSON	TH EXPLORATION LLC	1/8+	921	522	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17449	9-5-5.2	V	PHYLLIS J BLAKE	TH EXPLORATION LLC	1/8+	921	150	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17482	9-5-5.2	V	TERESA EZELLE RALYA AND DAVID L RALYA	TH EXPLORATION LLC	1/8+	927	487	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17484	9-5-5.2	V	NELDA S JACKSON	TH EXPLORATION LLC	1/8+	921	330	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17485	9-5-5.2	V	MARGIE ANN JACKSON ROBBINS GRAHAM	TH EXPLORATION LLC	1/8+	921	91	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17526	9-5-5.2	V	JEFFREY L REEVES AND JODY L REEVES	TH EXPLORATION LLC	1/8+	921	370	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17527	9-5-5.2	V	JAMES MICHAEL EZELL AND LUCILLE D EZELL	TH EXPLORATION LLC	1/8+	921	111	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17561	9-5-5.2	V	ROGER L TYRRELL AND KATHRYN L TYRRELL	TH EXPLORATION LLC	1/8+	927	24	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17564	9-5-5.2	V	JAMES RONALD NICKOLSON AND TRACEY E NICKOLSON	TH EXPLORATION LLC	1/8+	921	340	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105

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10*17565	9-5-5.2	V	JESSE ALLEN JACKSON AND ELIZABETH D JACKSON	TH EXPLORATION LLC	1/8+	921	327	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17566	9-5-5.2	V	NATHAN P ERDOSSY AND BARBARA T ERDOSSY	TH EXPLORATION LLC	1/8+	921	108	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17588	9-5-5.2	V	JAMES M JACKSON	TH EXPLORATION LLC	1/8+	921	325	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17589	9-5-5.2	V	MARY CHRISTINE MCKENNA	TH EXPLORATION LLC	1/8+	921	332	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17744	9-5-5.2	V	SAM PRESLEY EZELL DIVERSICARE OF PELL CITY	TH EXPLORATION LLC	1/8+	921	116	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17983	9-5-5.2	V	HOLLY SUE CUTHBERT	TH EXPLORATION LLC	1/8+	925	380	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*18021	9-5-5.2	V	CHRISTOPHER A HANIFAN AND JACKIE F HANIFAN	TH EXPLORATION LLC	1/8+	927	267	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*18022	9-5-5.2	V	DALE P WARD AND CYNTHIA J WARD	TH EXPLORATION LLC	1/8+	927	264	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*19524	9-5-5.2	V	THE ESTATE OF AGNES IRENE EZELL CLARK BY DAVID M EDWARDS, EXECUTOR	TH EXPLORATION LLC	1/8+	942	633	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*19695	9-5-5.2	V	GENERAL RECEIVER OF MARSHALL COUNTY ATTN: BERNIE TWIGG	TH EXPLORATION LLC	1/8+	944	333	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*19939	9-5-5.2	V	ROBERT J MILLS & SHERRA SUE MILLS	TH EXPLORATION LLC	1/8+	949	212	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*21712	9-5-5.2	V	PETER PARKER	CHEVRON USA INC	1/8+	889	260	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration LLC: 42/435 TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105	
10*24550	9-5-5.2	V	UNKNOWN HEIRS OF VIRGINIA PEARL FOUNDS KASSERMAN, ET AL	TH EXPLORATION LLC	1/8+	1025	396	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105

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10*24707	9-5-5.2	V	DONALD W MCVITTY	TH EXPLORATION LLC	1/8+	1019	396	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*25628	9-5-5.2	V	STONE HILL MINERALS HOLDINGS LLC	TH EXPLORATION LLC	1/8+	1025	631	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.1	9-5-5.2	V	JEAN ANNE GORBY STORCH AIF JOHN HERMAN STORCH	TH EXPLORATION LLC	1/8+	877	216	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.2	9-5-5.2	V	STEPHANIE SCHIEFER AND GEOFFREY SCHIEFER	TH EXPLORATION LLC	1/8+	885	321	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.3	9-5-5.2	V	ROBERT A LEADBETTER AND M REBECCA LEADBETTER	TH EXPLORATION LLC	1/8+	885	324	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.5	9-5-5.2	V	HAROLD S BROWN II AND MARIA A BROWN	TH EXPLORATION LLC	1/8+	907	641	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.6	9-5-5.2	V	JOSHUA RINE AND REBECCA RINE	TH EXPLORATION LLC	1/8+	907	634	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.7	9-5-5.2	V	JACK R WILSON JR AND JANE A WILSON	TH EXPLORATION LLC	1/8+	908	4	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.8	9-5-5.2	V	DAVID M WILSON	TH EXPLORATION LLC	1/8+	907	649	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.9	9-5-5.2	V	LINDA DELBERT	TH EXPLORATION LLC	1/8+	908	32	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.10	9-5-5.2	V	ROBERT E GORBY AND NANCY GORBY	TH EXPLORATION LLC	1/8+	908	47	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.11	9-5-5.2	V	ELIZABETH ESTEP	TH EXPLORATION LLC	1/8+	908	37	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.12	9-5-5.2	V	ALICE GORBY MARTIN	TH EXPLORATION LLC	1/8+	908	52	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105

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10*47051.223.13	9-5-5.2	V	JAMES A GORBY	TH EXPLORATION LLC	1/8+	908 42	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.14	9-5-5.2	V	JUSTIN RINE AND BECKY RINE	TH EXPLORATION LLC	1/8+	907 639	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.15	9-5-5.2	V	LARRY D TAUNT AND NANCY L TAUNT	TH EXPLORATION LLC	1/8+	908 14	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.16	9-5-5.2	V	WILLIAM K STERN AND BETTY L STERN	TH EXPLORATION LLC	1/8+	908 64	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.17	9-5-5.2	V	RALPH E HUNTER JR AND CHARLOTTE HUNTER	TH EXPLORATION LLC	1/8+	908 9	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.18	9-5-5.2	V	BRITTNEY MENEAR	TH EXPLORATION LLC	1/8+	908 57	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.19	9-5-5.2	V	JASON RINE AND HEATHER RINE	TH EXPLORATION LLC	1/8+	907 629	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.20	9-5-5.2	V	BARBARA A BUZZARD	TH EXPLORATION LLC	1/8+	908 24	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.21	9-5-5.2	V	GARY T WARD AND SHARON D WARD	TH EXPLORATION LLC	1/8+	908 19	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.24	9-5-5.2	V	JO DEE K DAVIS	TH EXPLORATION LLC	1/8+	908 136	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.28	9-5-5.2	V	KAREN S GAST	TH EXPLORATION LLC	1/8+	908 150	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.30	9-5-5.2	V	Laurie Driggers Manderson	TH EXPLORATION LLC	1/8+	908 165	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16448	9-1-14	W	RALPH L AND JUANITA L CRIM	TH EXPLORATION LLC	1/8+	908 584	N/A	N/A	N/A	N/A	N/A	N/A
10*16545	9-1-14	W	ROBERT G FOUNDS AND ELLEN FOUNDS	TH EXPLORATION LLC	1/8+	908 260	N/A	N/A	N/A	N/A	N/A	N/A
10*16666	9-1-14	W	MICHAEL P PYLE	TH EXPLORATION LLC	1/8+	908 255	N/A	N/A	N/A	N/A	N/A	N/A
10*16667	9-1-14	W	CHARLES F PYLE AND GAIL ANN PYLE	TH EXPLORATION LLC	1/8+	908 266	N/A	N/A	N/A	N/A	N/A	N/A
10*16668	9-1-14	W	JACK I PYLE AND MERRILEE ANN PYLE	TH EXPLORATION LLC	1/8+	908 257	N/A	N/A	N/A	N/A	N/A	N/A
10*16669	9-1-14	W	JOHN S DADO AND PATRICIA S DADO	TH EXPLORATION LLC	1/8+	908 269	N/A	N/A	N/A	N/A	N/A	N/A
10*16686	9-1-14	W	CHERYLE M TRACEY	TH EXPLORATION LLC	1/8+	927 475	N/A	N/A	N/A	N/A	N/A	N/A
10*16688	9-1-14	W	SHERRYL PYLE BAIR	TH EXPLORATION LLC	1/8+	927 481	N/A	N/A	N/A	N/A	N/A	N/A

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10*47051.223.18	9-1-14	W	BRITTNEY MENEAR	TH EXPLORATION LLC	1/8+	908 57	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.19	9-1-14	W	JASON RINE AND HEATHER RINE	TH EXPLORATION LLC	1/8+	907 629	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.20	9-1-14	W	BARBARA A BUZZARD	TH EXPLORATION LLC	1/8+	908 24	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.21	9-1-14	W	GARY T WARD AND SHARON D WARD	TH EXPLORATION LLC	1/8+	908 19	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.24	9-1-14	W	JO DEE K DAVIS	TH EXPLORATION LLC	1/8+	908 136	N/A	N/A	N/A	N/A	N/A	N/A
10*16448	9-1-14.1	X	RALPH L AND JUANITA L CRIM	TH EXPLORATION LLC	1/8+	908 584	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16545	9-1-14.1	X	ROBERT G FOUNDS AND ELLEN FOUNDS	TH EXPLORATION LLC	1/8+	908 260	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16666	9-1-14.1	X	MICHAEL P PYLE	TH EXPLORATION LLC	1/8+	908 255	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16667	9-1-14.1	X	CHARLES F PYLE AND GAIL ANN PYLE	TH EXPLORATION LLC	1/8+	908 266	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16668	9-1-14.1	X	JACK I PYLE AND MERRILEE ANN PYLE	TH EXPLORATION LLC	1/8+	908 257	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16669	9-1-14.1	X	JOHN S DADO AND PATRICIA S DADO	TH EXPLORATION LLC	1/8+	908 269	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16686	9-1-14.1	X	CHERYLE M TRACEY	TH EXPLORATION LLC	1/8+	927 475	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16688	9-1-14.1	X	SHERRYL PYLE BAIR	TH EXPLORATION LLC	1/8+	927 481	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16690	9-1-14.1	X	RICARDO ORTIZ	TH EXPLORATION LLC	1/8+	921 352	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16720	9-1-14.1	X	DONNA ELAINE BRASKETT	TH EXPLORATION LLC	1/8+	921 152	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16738	9-1-14.1	X	CHARLES A RINE AND RUTH K RINE	TH EXPLORATION LLC	1/8+	908 274	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16747	9-1-14.1	X	WILLIAM DALE BRASKETT	TH EXPLORATION LLC	1/8+	921 96	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105

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10*16798	9-1-14.1	X	PATRICK A RANKIN AND ROBIN A RANKIN	TH EXPLORATION LLC	1/8+	921	364	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16802	9-1-14.1	X	CHRISTOPHER RICHARDSON AND TAMMY RICHARDSON	TH EXPLORATION LLC	1/8+	921	495	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16804	9-1-14.1	X	WILLIAM N TAYLOR AND SHERRY D TAYLOR	TH EXPLORATION LLC	1/8+	921	510	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16806	9-1-14.1	X	VIRGINIA WHITMAN TRUST DTD 7-25-1984 JON WHITMAN TRUSTEE	TH EXPLORATION LLC	1/8+	921	528	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16807	9-1-14.1	X	DAVID TULLER AND SUSAN STORTS TULLER	TH EXPLORATION LLC	1/8+	921	513	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16808	9-1-14.1	X	MICHAEL L ORTIZ	TH EXPLORATION LLC	1/8+	921	349	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16815	9-1-14.1	X	HAROLD W PYLE	TH EXPLORATION LLC	1/8+	921	357	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16819	9-1-14.1	X	TERESA ORTIZ BIGGS	TH EXPLORATION LLC	1/8+	921	147	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16821	9-1-14.1	X	SHEILA BRASKETT WEICHEY	TH EXPLORATION LLC	1/8+	921	516	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16836	9-1-14.1	X	RICK A STORTS AND LENORE A STORTS	TH EXPLORATION LLC	1/8+	921	507	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16837	9-1-14.1	X	TERRY L POFF AND THELMA A POFF	TH EXPLORATION LLC	1/8+	927	472	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16838	9-1-14.1	X	ROBERT G FUNARI	TH EXPLORATION LLC	1/8+	821	82	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16839	9-1-14.1	X	JAMES B FOUNDS AND LYNN M MOWERY	TH EXPLORATION LLC	1/8+	921	73	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105

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10*16863	9-1-14.1	X	TINA MOORE	TH EXPLORATION LLC	1/8+	921	334	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16868	9-1-14.1	X	MICHAEL W STORTS AND JESSICA M STORTS	TH EXPLORATION LLC	1/8+	921	504	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16879	9-1-14.1	X	MARK E STORTS AND LESLEY A STORTS	TH EXPLORATION LLC	1/8+	921	501	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16880	9-1-14.1	X	BEVERLY ANN STORTS	TH EXPLORATION LLC	1/8+	921	498	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16902	9-1-14.1	X	MARY BARCAW DUKE	TH EXPLORATION LLC	1/8+	921	105	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16977	9-1-14.1	X	JEREMY COCHENOUR	TH EXPLORATION LLC	1/8+	921	102	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16989	9-1-14.1	X	BRITTANY RICHARDSON	TH EXPLORATION LLC	1/8+	921	376	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16991	9-1-14.1	X	MARYELLEN FOUNDS AND LAUREN FOUNDS	TH EXPLORATION LLC	1/8+	921	79	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16996	9-1-14.1	X	THOMAS RANKIN	TH EXPLORATION LLC	1/8+	917	75	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17198	9-1-14.1	X	THOMAS G AND DIANE W BAYLESS	TH EXPLORATION LLC	1/8+	921	141	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17205	9-1-14.1	X	SANDRA JEAN WILSON	TH EXPLORATION LLC	1/8+	921	524	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17274	9-1-14.1	X	DAVID H WILSON	TH EXPLORATION LLC	1/8+	921	474	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17339	9-1-14.1	X	JOSEPH W FOUNDS	TH EXPLORATION LLC	1/8+	921	76	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105

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10*17416	9-1-14.1	X	ANDREW M ORTIZ	TH EXPLORATION LLC	1/8+	921	346	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17438	9-1-14.1	X	DENNIS M WILSON	TH EXPLORATION LLC	1/8+	921	476	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17440	9-1-14.1	X	KENDRA WALISA	TH EXPLORATION LLC	1/8+	927	484	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17441	9-1-14.1	X	RALPH J WILSON	TH EXPLORATION LLC	1/8+	921	522	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17442	9-1-14.1	X	SHANE ALLEN AND MENDY JEAN ALLEN	TH EXPLORATION LLC	1/8+	921	134	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17443	9-1-14.1	X	MICHELLE MORROW-BACK	TH EXPLORATION LLC	1/8+	921	337	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17444	9-1-14.1	X	KELLY FOUNDS CAMPBELL	TH EXPLORATION LLC	1/8+	921	99	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17449	9-1-14.1	X	PHYLIS J BLAKE	TH EXPLORATION LLC	1/8+	921	150	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17483	9-1-14.1	X	RICHARD I PYLE	TH EXPLORATION LLC	1/8+	921	359	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17538	9-1-14.1	X	CHERYL RANKIN-KING	TH EXPLORATION LLC	1/8+	952	160	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17552	9-1-14.1	X	JOHN BEVACQUA AND PATRICIA A BEVACQUA	TH EXPLORATION LLC	1/8+	921	144	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17554	9-1-14.1	X	MICHAEL T RANKIN	TH EXPLORATION LLC	1/8+	921	361	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*17561	9-1-14.1	X	ROGER L TYRRELL AND KATHRYN L TYRRELL	TH EXPLORATION LLC	1/8+	927	24	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105

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10*17589	9-1-14.1	X	MARY CHRISTINE MCKENNA	TH EXPLORATION LLC	1/8+	921	332	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*18021	9-1-14.1	X	CHRISTOPHER A HANIFAN AND JACKIE F HANIFAN	TH EXPLORATION LLC	1/8+	927	267	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*18022	9-1-14.1	X	DALE P WARD AND CYNTHIA J WARD	TH EXPLORATION LLC	1/8+	927	264	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*19693	9-1-14.1	X	MARIO R FUNARI	TH EXPLORATION LLC	1/8+	936	145	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*19695.1	9-1-14.1	X	GENERAL RECEIVER OF MARSHALL COUNTY ATTN: BERNIE TWIGG	TH EXPLORATION LLC	1/8+	944	333	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*22630	9-1-14.1	X	AGENA FOUNDATION INC MORGAN STANLEY WEALTH MANAGEMENT	TH EXPLORATION LLC	1/8+	1035	11	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*23881	9-1-14.1	X	ALICE GORBY MARTIN	CHEVRON USA INC	1/8+	893	250	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration LLC: 44/357 TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105	
10*23884	9-1-14.1	X	STONE HILL MINERALS HOLDINGS LLC	TH EXPLORATION LLC	1/8+	1019	398	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*24550	9-1-14.1	X	UNKNOWN HEIRS OF VIRGINIA PEARL FOUNDS KASSERMAN, ET AL	TH EXPLORATION LLC	1/8+	1025	396	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*24707	9-1-14.1	X	DONALD W MCVITTY	TH EXPLORATION LLC	1/8+	1019	396	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.5	9-1-14.1	X	HAROLD S BROWN II AND MARIA A BROWN	TH EXPLORATION LLC	1/8+	907	641	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.6	9-1-14.1	X	JOSHUA RINE AND REBECCA RINE	TH EXPLORATION LLC	1/8+	907	634	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.7	9-1-14.1	X	JACK R WILSON JR AND JANE A WILSON	TH EXPLORATION LLC	1/8+	908	4	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105

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Lease ID	Parcel	Tag	Grantor, Lessor, Etc.	Grantee, Lessee, Etc.	Royalty	Deed Book/Page		Assignment	Assignment	Assignment	Assignment	Assignment	Assignment
10*47051.223.8	9-1-14.1	X	DAVID M WILSON	TH EXPLORATION LLC	1/8+	907	649	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.14	9-1-14.1	X	JUSTIN RINE AND BECKY RINE	TH EXPLORATION LLC	1/8+	907	639	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.15	9-1-14.1	X	LARRY D TAUNT AND NANCY L TAUNT	TH EXPLORATION LLC	1/8+	908	14	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.16	9-1-14.1	X	WILLIAM K STERN AND BETTY L STERN	TH EXPLORATION LLC	1/8+	908	64	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.17	9-1-14.1	X	RALPH E HUNTER JR AND CHARLOTTE HUNTER	TH EXPLORATION LLC	1/8+	908	9	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.18	9-1-14.1	X	BRITTNEY MENEAR	TH EXPLORATION LLC	1/8+	908	57	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.19	9-1-14.1	X	JASON RINE AND HEATHER RINE	TH EXPLORATION LLC	1/8+	907	629	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.20	9-1-14.1	X	BARBARA A BUZZARD	TH EXPLORATION LLC	1/8+	908	24	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.21	9-1-14.1	X	GARY T WARD AND SHARON D WARD	TH EXPLORATION LLC	1/8+	908	19	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*47051.223.24	9-1-14.1	X	JO DEE K DAVIS	TH EXPLORATION LLC	1/8+	908	136	N/A	N/A	N/A	N/A	N/A	TH Exploration LLC to AEHUSA Wolfberry I LLC: 44/1 Memo of Operating Agreement between TH Exploration LLC & Wolfberry I LLC: 1041/105
10*16448	9-5-6	Y	RALPH L AND JUANITA L CRIM	TH EXPLORATION LLC	1/8+	908	584	N/A	N/A	N/A	N/A	N/A	N/A
10*16545	9-5-6	Y	ROBERT G FOUNDS AND ELLEN FOUNDS	TH EXPLORATION LLC	1/8+	908	260	N/A	N/A	N/A	N/A	N/A	N/A
10*16666	9-5-6	Y	MICHAEL P PYLE	TH EXPLORATION LLC	1/8+	908	255	N/A	N/A	N/A	N/A	N/A	N/A
10*16667	9-5-6	Y	CHARLES F PYLE AND GAIL ANN PYLE	TH EXPLORATION LLC	1/8+	908	266	N/A	N/A	N/A	N/A	N/A	N/A
10*16668	9-5-6	Y	JACK I PYLE AND MERRILEE ANN PYLE	TH EXPLORATION LLC	1/8+	908	257	N/A	N/A	N/A	N/A	N/A	N/A
10*16669	9-5-6	Y	JOHN S DADO AND PATRICIA S DADO	TH EXPLORATION LLC	1/8+	908	269	N/A	N/A	N/A	N/A	N/A	N/A
10*16686	9-5-6	Y	CHERYLE M TRACEY	TH EXPLORATION LLC	1/8+	927	475	N/A	N/A	N/A	N/A	N/A	N/A
10*16688	9-5-6	Y	SHERRYL PYLE BAIR	TH EXPLORATION LLC	1/8+	927	481	N/A	N/A	N/A	N/A	N/A	N/A
10*16690	9-5-6	Y	RICARDO ORTIZ	TH EXPLORATION LLC	1/8+	921	352	N/A	N/A	N/A	N/A	N/A	N/A
10*16720	9-5-6	Y	DONNA ELAINE BRASKETT	TH EXPLORATION LLC	1/8+	921	152	N/A	N/A	N/A	N/A	N/A	N/A
10*16738	9-5-6	Y	CHARLES A RINE AND RUTH K RINE	TH EXPLORATION LLC	1/8+	908	274	N/A	N/A	N/A	N/A	N/A	N/A
10*16747	9-5-6	Y	WILLIAM DALE BRASKETT	TH EXPLORATION LLC	1/8+	921	96	N/A	N/A	N/A	N/A	N/A	N/A
10*16798	9-5-6	Y	PATRICK A RANKIN AND ROBIN A RANKIN	TH EXPLORATION LLC	1/8+	921	364	N/A	N/A	N/A	N/A	N/A	N/A
10*16802	9-5-6	Y	CHRISTOPHER RICHARDSON AND TAMMY RICHARDSON	TH EXPLORATION LLC	1/8+	921	495	N/A	N/A	N/A	N/A	N/A	N/A
10*16804	9-5-6	Y	WILLIAM N TAYLOR AND SHERRY D TAYLOR	TH EXPLORATION LLC	1/8+	921	510	N/A	N/A	N/A	N/A	N/A	N/A
10*16806	9-5-6	Y	VIRGINIA WHITMAN TRUST DTD 7-25-1984 JON WHITMAN TRUSTEE	TH EXPLORATION LLC	1/8+	921	528	N/A	N/A	N/A	N/A	N/A	N/A
10*16807	9-5-6	Y	DAVID TULLER AND SUSAN STORTS TULLER	TH EXPLORATION LLC	1/8+	921	513	N/A	N/A	N/A	N/A	N/A	N/A

Lease ID	Parcel	Tag	Grantor, Lessor, Etc.	Grantee, Lessee, Etc.	Royalty	Deed Book/Page	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment
10*24550	9-5-6.2	Z	UNKNOWN HEIRS OF VIRGINIA PEARL FOUNDS KASSERMAN, ET AL	TH EXPLORATION LLC	1/8+	1025 396	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*24707	9-5-6.2	Z	DONALD W MCVITTY	TH EXPLORATION LLC	1/8+	1019 396	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.2	9-5-6.2	Z	STEPHANIE SCHIEFER AND GEOFFREY SCHIEFER	TH EXPLORATION LLC	1/8+	885 321	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.3	9-5-6.2	Z	ROBERT A LEADBETTER AND M REBECCA LEADBETTER	TH EXPLORATION LLC	1/8+	885 324	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.5	9-5-6.2	Z	HAROLD S BROWN II AND MARIA A BROWN	TH EXPLORATION LLC	1/8+	907 641	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.6	9-5-6.2	Z	JOSHUA RINE AND REBECCA RINE	TH EXPLORATION LLC	1/8+	907 634	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.7	9-5-6.2	Z	JACK R WILSON JR AND JANE A WILSON	TH EXPLORATION LLC	1/8+	908 4	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.8	9-5-6.2	Z	DAVID M WILSON	TH EXPLORATION LLC	1/8+	907 649	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.14	9-5-6.2	Z	JUSTIN RINE AND BECKY RINE	TH EXPLORATION LLC	1/8+	907 639	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.15	9-5-6.2	Z	LARRY D TAUNT AND NANCY L TAUNT	TH EXPLORATION LLC	1/8+	908 14	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.16	9-5-6.2	Z	WILLIAM K STERN AND BETTY L STERN	TH EXPLORATION LLC	1/8+	908 64	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.17	9-5-6.2	Z	RALPH E HUNTER JR AND CHARLOTTE HUNTER	TH EXPLORATION LLC	1/8+	908 9	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.18	9-5-6.2	Z	BRITNEY MENEAR	TH EXPLORATION LLC	1/8+	908 57	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.19	9-5-6.2	Z	JASON RINE AND HEATHER RINE	TH EXPLORATION LLC	1/8+	907 629	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.20	9-5-6.2	Z	BARBARA A BUZZARD	TH EXPLORATION LLC	1/8+	908 24	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.21	9-5-6.2	Z	GARY T WARD AND SHARON D WARD	TH EXPLORATION LLC	1/8+	908 19	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.24	9-5-6.2	Z	JO DEE K DAVIS	TH EXPLORATION LLC	1/8+	908 136	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*24536	NOT ASSD	AA	MARSHALL COUNTY BOARD OF EDUCATION	TH EXPLORATION LLC	1/8+	1026 67	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*24536	NOT ASSD	BB	MARSHALL COUNTY BOARD OF EDUCATION	TH EXPLORATION LLC	1/8+	1026 67	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*15482	9-1-13.2	CC	SUSAN NELSON	TH EXPLORATION LLC	1/8+	908 203	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*15686	9-1-13.2	CC	JOHN OMER BOLTZ	TH EXPLORATION LLC	1/8+	908 160	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*15750	9-1-13.2	CC	SANDRA K TRULL	TH EXPLORATION LLC	1/8+	908 229	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16058	9-1-13.2	CC	MATTIE RUTH JACKSON PRESCOTT	TH EXPLORATION LLC	1/8+	908 231	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16118	9-1-13.2	CC	RUBY RIDDLE JACKSON	TH EXPLORATION LLC	1/8+	908 233	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16383	9-1-13.2	CC	ROBERT STEPHEN DRIGGERS	TH EXPLORATION LLC	1/8+	908 224	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16414	9-1-13.2	CC	MARY ELIZABETH DRIGGERS	TH EXPLORATION LLC	1/8+	908 208	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16415	9-1-13.2	CC	TERENCE J ANDERSON AND NANCY J ANDERSON	TH EXPLORATION LLC	1/8+	908 213	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16416	9-1-13.2	CC	CYNTHIA HUDSON	TH EXPLORATION LLC	1/8+	908 219	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16448	9-1-13.2	CC	RALPH L AND JUANITA L CRIM	TH EXPLORATION LLC	1/8+	908 584	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16478	9-1-13.2	CC	MARION L AND EMILY CAMPBELL	TH EXPLORATION LLC	1/8+	908 245	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16514	9-1-13.2	CC	ALEX R CAMPBELL & JOYCE A CAMPBELL	TH EXPLORATION LLC	1/8+	908 248	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16515	9-1-13.2	CC	ANNA MARIE JACKSON	TH EXPLORATION LLC	1/8+	908 251	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16516	9-1-13.2	CC	WILSON ANDREW JACKSON	TH EXPLORATION LLC	1/8+	908 253	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16545	9-1-13.2	CC	ROBERT G FOUNDS AND ELLEN FOUNDS	TH EXPLORATION LLC	1/8+	908 260	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16662	9-1-13.2	CC	RICHARD THOMAS MIMS & VICKIE J MIMS	TH EXPLORATION LLC	1/8+	908 263	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16666	9-1-13.2	CC	MICHAEL P PYLE	TH EXPLORATION LLC	1/8+	908 255	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16667	9-1-13.2	CC	CHARLES F PYLE AND GAIL ANN PYLE	TH EXPLORATION LLC	1/8+	908 266	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16668	9-1-13.2	CC	JACK I PYLE AND MERRILEE ANN PYLE	TH EXPLORATION LLC	1/8+	908 257	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16669	9-1-13.2	CC	JOHN S DADO AND PATRICIA S DADO	TH EXPLORATION LLC	1/8+	908 269	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16686	9-1-13.2	CC	CHERYLE M TRACEY	TH EXPLORATION LLC	1/8+	927 475	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16688	9-1-13.2	CC	SHERRYL PYLE BAIR	TH EXPLORATION LLC	1/8+	927 481	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16690	9-1-13.2	CC	RICARDO ORTIZ	TH EXPLORATION LLC	1/8+	921 352	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16720	9-1-13.2	CC	DONNA ELAINE BRASKETT	TH EXPLORATION LLC	1/8+	921 152	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16738	9-1-13.2	CC	CHARLES A RINE AND RUTH K RINE	TH EXPLORATION LLC	1/8+	908 274	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16747	9-1-13.2	CC	WILLIAM DALE BRASKETT	TH EXPLORATION LLC	1/8+	921 96	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16787	9-1-13.2	CC	HERBERT B CAMPBELL & DONNA D CAMPBELL	TH EXPLORATION LLC	1/8+	942 451	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16798	9-1-13.2	CC	PATRICK A RANKIN AND ROBIN A RANKIN	TH EXPLORATION LLC	1/8+	921 364	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16800	9-1-13.2	CC	JAMES KENNETH JACKSON AND JULIE JACKSON	TH EXPLORATION LLC	1/8+	921 93	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16802	9-1-13.2	CC	CHRISTOPHER RICHARDSON AND TAMMY RICHARDSON	TH EXPLORATION LLC	1/8+	921 495	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16804	9-1-13.2	CC	WILLIAM N TAYLOR AND SHERRY D TAYLOR	TH EXPLORATION LLC	1/8+	921 510	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16806	9-1-13.2	CC	VIRGINIA WHITMAN TRUST DTD 7-25-1984 JON WHITMAN TRUSTEE	TH EXPLORATION LLC	1/8+	921 528	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16807	9-1-13.2	CC	DAVID TULLER AND SUSAN STORTS TULLER	TH EXPLORATION LLC	1/8+	921 513	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16808	9-1-13.2	CC	MICHAEL L ORTIZ	TH EXPLORATION LLC	1/8+	921 349	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16815	9-1-13.2	CC	HAROLD W PYLE	TH EXPLORATION LLC	1/8+	921 357	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16819	9-1-13.2	CC	TERESA ORTIZ BIGGS	TH EXPLORATION LLC	1/8+	921 147	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16821	9-1-13.2	CC	SHEILA BRASKETT WEICHEY	TH EXPLORATION LLC	1/8+	921 516	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16836	9-1-13.2	CC	RICK A STORTS AND LENORE A STORTS	TH EXPLORATION LLC	1/8+	921 507	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16837	9-1-13.2	CC	TERRY L POFF AND THELMA A POFF	TH EXPLORATION LLC	1/8+	927 472	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16838	9-1-13.2	CC	ROBERT G FUNARI	TH EXPLORATION LLC	1/8+	821 82	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16839	9-1-13.2	CC	JAMES B FOUNDS AND LYNN M MOWERY	TH EXPLORATION LLC	1/8+	921 73	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16863	9-1-13.2	CC	TINA MOORE	TH EXPLORATION LLC	1/8+	921 334	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16868	9-1-13.2	CC	MICHAEL W STORTS AND JESSICA M STORTS	TH EXPLORATION LLC	1/8+	921 504	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16879	9-1-13.2	CC	MARK E STORTS AND LESLEY A STORTS	TH EXPLORATION LLC	1/8+	921 501	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16880	9-1-13.2	CC	BEVERLY ANN STORTS	TH EXPLORATION LLC	1/8+	921 498	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16902	9-1-13.2	CC	MARY BARCAW DUKE	TH EXPLORATION LLC	1/8+	921 105	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 Book/Page	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment
10*16962	9-1-13.2	CC	DENNIS P FLORY AND BARBARA EZELL FLORY	TH EXPLORATION LLC	1/8+	921 70	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16976	9-1-13.2	CC	LESTER G AND CONSTANCE B NICKOLSON	TH EXPLORATION LLC	1/8+	921 343	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16977	9-1-13.2	CC	JEREMY COCHENOUR	TH EXPLORATION LLC	1/8+	921 102	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16987	9-1-13.2	CC	LAURIE EZELL PERRY	TH EXPLORATION LLC	1/8+	921 355	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16989	9-1-13.2	CC	BRITTANY RICHARDSON	TH EXPLORATION LLC	1/8+	921 376	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16991	9-1-13.2	CC	MARYELLEN FOUNDS AND LAUREN FOUNDS	TH EXPLORATION LLC	1/8+	921 79	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*16996	9-1-13.2	CC	THOMAS RANKIN	TH EXPLORATION LLC	1/8+	917 75	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17130	9-1-13.2	CC	CINDY L BARGER	TH EXPLORATION LLC	1/8+	921 137	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17155	9-1-13.2	CC	JESSE LEON JR AND TERESA GAIL EZELLE	TH EXPLORATION LLC	1/8+	921 118	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17156	9-1-13.2	CC	HENRI NELL JACKSON KENT BARNES	TH EXPLORATION LLC	1/8+	921 139	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17157	9-1-13.2	CC	JAMES N REEVES JR AND RITA M REEVES	TH EXPLORATION LLC	1/8+	921 367	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17198	9-1-13.2	CC	THOMAS G AND DIANE W BAYLESS	TH EXPLORATION LLC	1/8+	921 141	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17205	9-1-13.2	CC	SANDRA JEAN WILSON	TH EXPLORATION LLC	1/8+	921 524	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17274	9-1-13.2	CC	DAVID H WILSON	TH EXPLORATION LLC	1/8+	921 474	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17275	9-1-13.2	CC	JOHN R REEVES AND MONA G REEVES	TH EXPLORATION LLC	1/8+	921 373	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17276	9-1-13.2	CC	BERTHA EZELL WYATT	TH EXPLORATION LLC	1/8+	921 526	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17278	9-1-13.2	CC	MICHAEL L EZELLE	TH EXPLORATION LLC	1/8+	921 121	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17339	9-1-13.2	CC	JOSEPH W FOUNDS	TH EXPLORATION LLC	1/8+	921 76	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17377	9-1-13.2	CC	MILTON HOWARD EZELLE JR AND ELIZABETH A EZELLE	TH EXPLORATION LLC	1/8+	921 123	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17416	9-1-13.2	CC	ANDREW M ORTIZ	TH EXPLORATION LLC	1/8+	921 346	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17438	9-1-13.2	CC	DENNIS M WILSON	TH EXPLORATION LLC	1/8+	921 476	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17440	9-1-13.2	CC	KENDRA WALISA	TH EXPLORATION LLC	1/8+	927 484	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17441	9-1-13.2	CC	RALPH J WILSON	TH EXPLORATION LLC	1/8+	921 522	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17442	9-1-13.2	CC	SHANE ALLEN AND MENDY JEAN ALLEN	TH EXPLORATION LLC	1/8+	921 134	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17443	9-1-13.2	CC	MICHELLE MORROW-BACK	TH EXPLORATION LLC	1/8+	921 337	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17444	9-1-13.2	CC	KELLY FOUNDS CAMPBELL	TH EXPLORATION LLC	1/8+	921 99	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17449	9-1-13.2	CC	PHYLLIS J BLAKE	TH EXPLORATION LLC	1/8+	921 150	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17482	9-1-13.2	CC	TERESA EZELLE RALYA AND DAVID L RALYA	TH EXPLORATION LLC	1/8+	927 487	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17483	9-1-13.2	CC	RICHARD I PYLE	TH EXPLORATION LLC	1/8+	921 359	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17484	9-1-13.2	CC	NELDA S JACKSON	TH EXPLORATION LLC	1/8+	921 330	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17485	9-1-13.2	CC	MARGIE ANN JACKSON ROBBINS GRAHAM	TH EXPLORATION LLC	1/8+	921 91	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17526	9-1-13.2	CC	JEFFREY L REEVES AND JODY L REEVES	TH EXPLORATION LLC	1/8+	921 370	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17527	9-1-13.2	CC	JAMES MICHAEL EZELL AND LUCILLE D EZELL	TH EXPLORATION LLC	1/8+	921 111	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17538	9-1-13.2	CC	CHERYL RANKIN-KING	TH EXPLORATION LLC	1/8+	952 160	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17552	9-1-13.2	CC	JOHN BEVACQUA AND PATRICIA A BEVACQUA	TH EXPLORATION LLC	1/8+	921 144	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17554	9-1-13.2	CC	MICHAEL T RANKIN	TH EXPLORATION LLC	1/8+	921 361	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17561	9-1-13.2	CC	ROGER L TYRRELL AND KATHRYN L TYRRELL	TH EXPLORATION LLC	1/8+	927 24	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17564	9-1-13.2	CC	JAMES RONALD NICKOLSON AND TRACEY E NICKOLSON	TH EXPLORATION LLC	1/8+	921 340	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17565	9-1-13.2	CC	JESSE ALLEN JACKSON AND ELIZABETH D JACKSON	TH EXPLORATION LLC	1/8+	921 327	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17566	9-1-13.2	CC	NATHAN P EROSSY AND BARBARA T EROSSY	TH EXPLORATION LLC	1/8+	921 108	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17588	9-1-13.2	CC	JAMES M JACKSON	TH EXPLORATION LLC	1/8+	921 325	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17589	9-1-13.2	CC	MARY CHRISTINE MCKENNA	TH EXPLORATION LLC	1/8+	921 332	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17744	9-1-13.2	CC	SAM PRESLEY EZELL DIVERSICARE OF PELL CITY	TH EXPLORATION LLC	1/8+	921 116	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*17983	9-1-13.2	CC	HOLLY SUE CUTHBERT	TH EXPLORATION LLC	1/8+	925 380	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*18021	9-1-13.2	CC	CHRISTOPHER A HANIFAN AND JACKIE F HANIFAN	TH EXPLORATION LLC	1/8+	927 267	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*18022	9-1-13.2	CC	DALE P WARD AND CYNTHIA J WARD	TH EXPLORATION LLC	1/8+	927 264	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*19524	9-1-13.2	CC	THE ESTATE OF AGNES IRENE EZELL CLARK BY DAVID M EDWARDS, EXECUTOR	TH EXPLORATION LLC	1/8+	942 633	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*19693	9-1-13.2	CC	MARIO R FUNARI	TH EXPLORATION LLC	1/8+	936 145	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*19695	9-1-13.2	CC	GENERAL RECEIVER OF MARSHALL COUNTY ATTN: BERNIE TWIGG	TH EXPLORATION LLC	1/8+	944 333	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*19695.1	9-1-13.2	CC	GENERAL RECEIVER OF MARSHALL COUNTY ATTN: BERNIE TWIGG	TH EXPLORATION LLC	1/8+	944 333	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*19939	9-1-13.2	CC	ROBERT J MILLS & SHERRA SUE MILLS	TH EXPLORATION LLC	1/8+	949 212	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*22630	9-1-13.2	CC	AGENA FOUNDATION INC MORGAN STANLEY WEALTH MANAGEMENT	TH EXPLORATION LLC	1/8+	1035 11	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*23769	9-1-13.2	CC	ROBERT A WILLIAMS AND CHERYL L WILLIAMS	TH EXPLORATION LLC	1/8+	1014 500	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*24550	9-1-13.2	CC	UNKNOWN HEIRS OF VIRGINIA PEARL FOUNDS KASSERMAN, ET AL	TH EXPLORATION LLC	1/8+	1025 396	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*24707	9-1-13.2	CC	DONALD W MCVITTY	TH EXPLORATION LLC	1/8+	1019 396	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*25628	9-1-13.2	CC	STONE HILL MINERALS HOLDINGS LLC	TH EXPLORATION LLC	1/8+	1025 631	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*26496	9-1-13.2	CC	STONE HILL MINERALS HOLDINGS LLC	TH EXPLORATION LLC	1/8+	1028 558	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.5	9-1-13.2	CC	HAROLD S BROWN II AND MARIA A BROWN	TH EXPLORATION LLC	1/8+	907 641	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.6	9-1-13.2	CC	JOSHUA RINE AND REBECCA RINE	TH EXPLORATION LLC	1/8+	907 634	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.7	9-1-13.2	CC	JACK R WILSON JR AND JANE A WILSON	TH EXPLORATION LLC	1/8+	908 4	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.8	9-1-13.2	CC	DAVID M WILSON	TH EXPLORATION LLC	1/8+	907 649	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.14	9-1-13.2	CC	JUSTIN RINE AND BECKY RINE	TH EXPLORATION LLC	1/8+	907 639	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 Book/Page		Assignment	Assignment	Assignment	Assignment	Assignment	Assignment	Assignment
10*47051.223.15	9-1-13.2	CC	LARRY D TAUNT AND NANCY L TAUNT	TH EXPLORATION LLC	1/8+	908	14	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.16	9-1-13.2	CC	WILLIAM K STERN AND BETTY L STERN	TH EXPLORATION LLC	1/8+	908	64	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.17	9-1-13.2	CC	RALPH E HUNTER JR AND CHARLOTTE HUNTER	TH EXPLORATION LLC	1/8+	908	9	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.18	9-1-13.2	CC	BRITNEY MENEAR	TH EXPLORATION LLC	1/8+	908	57	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.19	9-1-13.2	CC	JASON RINE AND HEATHER RINE	TH EXPLORATION LLC	1/8+	907	629	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.20	9-1-13.2	CC	BARBARA A BUZZARD	TH EXPLORATION LLC	1/8+	908	24	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.21	9-1-13.2	CC	GARY T WARD AND SHARON D WARD	TH EXPLORATION LLC	1/8+	908	19	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.24	9-1-13.2	CC	JO DEE K DAVIS	TH EXPLORATION LLC	1/8+	908	136	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.28	9-1-13.2	CC	KAREN S GAST	TH EXPLORATION LLC	1/8+	908	150	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*47051.223.30	9-1-13.2	CC	LAURIE DRIGGERS MANDERSON	TH EXPLORATION LLC	1/8+	908	165	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10*21695	NOT ASSD	DD	ROBERT A WILLIAMS & CHERLY L WILLIAMS	CHEVRON USA INC	1/8+	947	521	N/A	N/A	N/A	N/A	N/A	N/A	Chevron USA Inc to TH Exploration LLC: 42/435

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ASSIGNMENT AND CONVEYANCE

THIS ASSIGNMENT AND CONVEYANCE (the "**Assignment**") is made and entered into this 17th day of May, 2016 (the "**Effective Date**"), by and between **CHEVRON U.S.A. INC.** (hereinafter "**Assignor**") and **TH EXPLORATION, LLC** (hereinafter "**Assignee**") pursuant to the terms of that certain Acreage Trade Agreement between the Assignor and the Assignee dated May 2, 2016 (the "**Acreage Trade Agreement**"). Capitalized terms used but not defined herein and defined in the Acreage Trade Agreement shall have the meanings given to such terms in the Acreage Trade Agreement.

WITNESSETH:

WHEREAS, Assignor desires to assign, set over, and transfer to Assignee all of Assignor's right, title, and interest in and to those certain Oil and Gas Leases situated in Marshall County, West Virginia, as described in **Exhibit "A"**, and as depicted in **Exhibits "A-1"** and "**A-2"**, attached hereto and made a part hereof (hereinafter the "**Leases**"); and

WHEREAS, Assignor desires to assign, set over, and transfer to Assignee all of Assignor's right, title, and interest in and to the Leases as described below.

NOW, THEREFORE, for 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:

1. **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, all of Assignor's right, title and interest in and to the Leases, and the lands covered thereby, together with all rights incident thereto and appurtenances thereon, except that Assignor accepts and reserves from this Assignment the Chevron ORRI previously conveyed to Assignor and as described in that certain Memorandum of Assignment of Oil and Gas Lease Interests dated November 6, 2012 by and between Cornell Holdings Incorporated and Chevron U.S.A. Inc., which is recorded at Book 0028, Page 0239 in the Office of the County Clerk of Marshall County, West Virginia.

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

2. **Special Warranty.** Assignor represents and warrants that Assignor has not conveyed or otherwise encumbered (other than Permitted Encumbrances) its interest in the Conveyed Interests since the time that Assignor obtained its interests in the Leases. Assignor does covenant, promise and agree, to and with the Assignee, its respective successors and assigns, to forever specially warrant and defend the title to the Leases or portions thereof included under this Assignment, unto the Assignee and its respective successors and assigns, against the lawful claims of Assignor, and all persons claiming, or to claim, the same or any part thereof, by, through or under Assignor.

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COUNTY OF MARSHALL §

ASSIGNMENT AND CONVEYANCE

THIS ASSIGNMENT AND CONVEYANCE (the "Assignment") is made and entered into this 19 day of August 2019 (the "Effective Date"), by and between CHEVRON U.S.A. INC., a Pennsylvania corporation, with an address at 700 Cherrington Parkway, Coraopolis, PA 15108 (hereinafter "Assignor") and TH EXPLORATION, LLC, a Texas limited liability company, with an address at 1320 S. University Drive, Suite 500, Fort Worth, TX 76107 (hereinafter "Assignee").

WITNESSETH:

WHEREAS, Assignor desires to assign, set over, and transfer to Assignee all of Assignor's right, title, and interest in and to those certain oil and gas leases situated in Marshall County, West Virginia, as described in Exhibit "A", attached hereto and made a part hereof (hereinafter the "Leases"), less and except certain exclusions; and

NOW, THEREFORE, for 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:

1. 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, all of Assignor's right, title and interest in and to the Leases, and the lands covered thereby, together with all rights incident thereto and appurtenances thereon, except that Assignor excepts and reserves from this Assignment the following:

- A. Any portion of the Leases set forth in the column entitled "Less and Except" on Exhibit A.

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

2. No Warranty. The Assignment is made on an "as is, where is" basis without warranty of any kind. Assignor makes no, and expressly disclaims any, representation or warranty to Assignee regarding the Leases, whether express, statutory or implied, in fact, at law, common law, in equity or otherwise.

3. 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.

4. 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, except Assignor has no obligation to defend title to the Leases.

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BOOK 1041 PAGE 0105

DE LAND SERVICES CORP
6000 TOWN CENTER BOULEVARD, SUITE 145
CANNONBURG PA 15317-5841

MEMORANDUM OF OPERATING AGREEMENT AND FINANCING STATEMENT

This Memorandum of Operating Agreement and Financing Statement (hereinafter referred to as "Memorandum") is executed to be effective concurrently with that certain Operating Agreement (the "Operating Agreement") by and between TH Exploration, LLC, as Operator, and ARHUSA Wolfberry I, LLC, as Non-Operator, covering, among other things, the development and production of crude oil, natural gas and associated substances from the leases (hereinafter called the "Contract Area") described on Exhibit "A-1" and Exhibit "A-2" attached hereto and owned by Operator and Non-Operator in the respective percentages of shares indicated on Exhibit "A" to the Operating Agreement.

The Operating Agreement contains an Accounting Procedure, along with provisions giving the parties hereto mutual liens and security interests where one or more parties hereto are or may become Debtors to one or more other parties hereto. This Memorandum incorporates by reference all of the terms and conditions of the Operating Agreement, including but not limited to the lien and security interest provisions.

The purpose of this Memorandum is to place third parties on notice of the Operating Agreement, and to secure and perfect the mutual liens and security interests of the parties hereto.

The Operating Agreement specifically provides and the parties do hereby confirm and agree that:

1. The Operator shall conduct and direct and have full control of all operations on the Contract Area as permitted and required by, and within the limits of, the Operating Agreement
2. The liability of the parties under the Operating Agreement shall be several, not joint or collective. Each party shall be responsible only for its obligations and shall be liable only for its proportionate share of costs.
3. Each Non-Operator grants to Operator a lien upon its oil and gas rights, oil and gas leases and mineral interests in the Contract Area, and a security interest in its share of oil and/or gas when extracted and its interest in all fixtures, inventory, personal property and equipment located on or used on the Contract Area and in all its contract rights and receivables related thereto and arising herefrom to secure payment of its present and future share of costs and expenses, together with interest thereon at the rate provided in the Accounting Procedure referred to above. To the extent that Operator has a security interest under the Uniform Commercial Code ("Code") of the state or states in which the Contract Area is located, Operator without prejudice and in addition to all other legal, equitable and contractual remedies which are expressly reserved, shall be entitled to exercise the rights and remedies of a secured party under the Code. The bringing of a suit and the obtaining of judgment by Operator for the secured indebtedness shall not be deemed an election of remedies or otherwise affect the rights or security interests for the payment thereof.
4. The Operator grants to Non-Operator a lien and security interest equivalent to that granted to Operator as described in Paragraph 3 above, to secure payment by Operator of its own share of costs and expenses when due.

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MEMORANDUM OF ASSIGNMENT OF OIL AND GAS LEASES

This **MEMORANDUM OF ASSIGNMENT OF OIL AND GAS LEASES** ("**Memorandum**") dated as of September 7th, 2018 (the "**Effective Date**"), is made by and between **Chevron U.S.A. Inc.**, a Pennsylvania corporation, with an address at 700 Cherrington Parkway, Coraopolis, PA 15108 ("**Chevron**" or "**Assignor**") and **TH Exploration, LLC**, Texas limited liability company, with an address at 1320 S. University Drive, Suite 500, Fort Worth, TX 76107 ("**Assignee**"). Chevron and Assignee are each referred to herein as a "**Party**" and collectively as the "**Parties**." Capitalized terms used but not defined herein shall have the meaning ascribed to those terms in that certain Assignment of Oil and Gas Leases between the Parties dated September 7th, 2018 ("**Assignment**").

- A. Notice is hereby given that the Parties have entered into the Assignment, pursuant to which Chevron assigned to Assignee all of Assignor's right, title, and interest in and to those certain Leases situated in Marshall County, West Virginia, less and except certain identified portions, as described in Exhibit "A", attached hereto and made a part hereof.
- B. Chevron does covenant, promise and agree, to and with the Assignee, its respective successors and assigns, to forever specially warrant and defend the title to the Leases or portions thereof included under the Assignment and this Memorandum, unto the Assignee and its respective successors and assigns, against the lawful claims of Chevron, and all persons claiming, or to claim, the same or any part thereof, by, through or under Chevron.
- C. Preparation of this Memorandum has been a joint effort of the Parties and it must not be construed more severely against any of the Parties than against any other.
- D. This Memorandum is subject to and expressly incorporates the terms of the Assignment. The Assignment will govern to the extent of any conflict between the terms of this Memorandum and the Assignment.
- E. In consideration of the mutual promises set out in this Assignment, 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.

IN WITNESS WHEREOF, this Memorandum is executed this 7th day of September, 2018.

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Office of Oil and Gas
NOV 14 2019
WV Department of
Environmental Protection

Marshall County
Jan Pest, Clerk
Instrument 1445509
09/11/2018 @ 02:17:18 PM
ASSIGNMENTS
Book 42 @ Page 435
Pages Recorded 7
Recording Cost \$ 13.00

MICHAEL MORAN
BRIGHTON RESOURCES
5851 ELLSWORTH AVENUE, #1
PITTSBURGH PA 15232-1707

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BOOK:0040 PAGE 0127

STATE OF WEST VIRGINIA §
 §
COUNTY OF MARSHALL §

Marshall County
Jan Pest, Clerk
Instrument 1428356
08/16/2017 @ 12:08:49 PM
ASSIGNMENTS
Book 40 @ Page 127
Pages Recorded 25
Recording Cost \$ 33.00

ASSIGNMENT AND CONVEYANCE

THIS ASSIGNMENT AND CONVEYANCE (the "Assignment") is made and entered into this 1 day of AUGUST, 2017 (the "Effective Date"), by and between CHEVRON U.S.A. INC. (hereinafter "Assignor") and TH EXPLORATION, LLC (hereinafter "Assignee") pursuant to the terms of that certain Acreage Trade Agreement between the Assignor and the Assignee dated the 1st day of August, 2017 (the "Acreage Trade Agreement"). Capitalized terms used but not defined herein and defined in the Acreage Trade Agreement shall have the meanings given to such terms in the Acreage Trade Agreement.

WITNESSETH:

WHEREAS, Assignor desires to assign, set over, and transfer to Assignee all of Assignor's right, title, and interest in and to those certain Oil and Gas Leases situated in Marshall County, West Virginia, as described in Exhibit "A", attached hereto and made a part hereof (hereinafter the "Leases"), less and except certain overriding royalty interests and exclusions; and

WHEREAS, Assignor desires to assign, set over, and transfer to Assignee all of Assignor's right, title, and interest in and to the Leases as described below, subject to certain overriding royalty interests and less and except certain exclusions.

NOW, THEREFORE, for 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:

1. 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, all of Assignor's right, title and interest in and to the Leases, and the lands covered thereby, together with all rights incident thereto and appurtenances thereon, except that Assignor excepts and reserves from this Assignment the following:

A. The Chevron ORRI previously conveyed to Assignor and as described in that certain Memorandum of Assignment of Oil and Gas Lease Interests dated November 6, 2012 by and between Cornell Holdings Incorporated and Chevron U.S.A. Inc., which is recorded at Book 0028, Page 0239 in the Office of the County Clerk of Marshall County, West Virginia, and

B. As to each of the Leases and all oil, gas, and associated hydrocarbons produced, saved and sold thereunder, an overriding royalty interest equal to the difference between 82% and the

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