

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

Harold D. Ward, Cabinet Secretary www.dep.wv.gov

Friday, August 9, 2024 PERMIT MODIFICATION APPROVAL Horizontal 6A / New Drill

TRIBUNE RESOURCES, LLC 3861 AMBASSADOR CAFFERY PARKWAY, SUITE 600

LAFAYETTE, LA 70503

Re: Permit Modification Approval for BFT 5H

47-095-02835-00-00

Extended Lateral Length

TRIBUNE RESOURCES, LLC

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

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

James A. Martin

Chief

Operator's Well Number: BFT 5H

Farm Name: WEST VIRGINIA DEPT OF NATURAL RESOURCE

U.S. WELL NUMBER: 47-095-02835-00-00

Horizontal 6A New Drill

Date Modification Issued: 8/9/2024

Promoting a healthy environment.

API NO. 47- 095	- 02835
OPERATOR WI	ELL NO. BFT 5H
Wall Pad Nam	A. BET

Ch# 2171 \$ 2500.00

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

1) Well Operator: Tribune Res	ources, LLC	494522341	Tyler	McElroy	Center Point
i) well operator.		Operator ID	County	District	Quadrangle
2) Operator's Well Number: BF	T 5H	Well Pac	Name: BFT		
3) Farm Name/Surface Owner:	WV DNR Public Land	ds Corp Public Roa	d Access: CR	13/8	
4) Elevation, current ground:	880' El	levation, proposed	post-constructi	on: 880'	
5) Well Type (a) Gas X	Oil X	Unde	erground Stora	ge	
Other					
(b)If Gas Shal	llow X	Deep			ł
Hor	izontal X				
o) Entisting I was a second	S		_	<u></u>	
7) Proposed Target Formation(s) Target formation:Marcellus, Up-Dip w	, Depth(s), Antic ell, Target top TVD 6	cipated Thickness a 900', Target base 6950',	and Associated Anticipated thickno	Pressure(s) ess: 50', Antici	pated Pressure: 4600 psi
8) Proposed Total Vertical Depth					
9) Formation at Total Vertical D		S			
10) Proposed Total Measured Do					
11) Proposed Horizontal Leg Le	4.4.4001				
12) Approximate Fresh Water St		504'			
		Based on drilling	history in nea	rby wells	
13) Method to Determine Fresh14) Approximate Saltwater Deport			•		
15) Approximate Coal Seam De					
16) Approximate Depth to Possi		nine, karst, other):	None anticipa	ated	
17) Does Proposed well location directly overlying or adjacent to	n contain coal sea	ams		o X	RECEIVED e of Oil and Gas
(a) If Yes, provide Mine Info:	Name:				JUL 2 6 2024
	Depth:				
	Seam:			W	N Department of romental Protection
	Owner:			Envi	10.11.12



WW-6B	
(10/14)	

API NO. 47-_095 - 02835
OPERATOR WELL NO. BFT 5H
Well Pad Name: BFT

18)

CASING AND TUBING PROGRAM

						DITEDUAL C.	CEMENT:
ТҮРЕ	Size (in)	New or Used	Grade	Weight per ft. (lb/ft)	FOOTAGE: For Drilling (ft)	INTERVALS: Left in Well (ft)	Fill-up (Cu. Ft.)/CTS
Conductor	20"	New	J-55	94#	120'	120'	225, SX/CTS
Fresh Water	13-3/8"	New	J-55	54.5#	650'	650'	635, SX/CTS
Coal							
Intermediate	9-5/8"	New	J-55	40#	3000'	3000'	1405, SX/CTS
Production	5-1/2"	New	P-110	20#	18,917'	18,917'	4150, SX/CTS
Tubing							
Liners							

ТҮРЕ	Size (in)	Wellbore Diameter (in)	Wall Thickness (in)	Burst Pressure (psi)	Max. Associated Surface Pressure (psi)	Cement Type	Cement Yield (cu. ft./k)
Conductor	20"	26"	0.438"	2110	50	Class A	1.2/50% Excess
Fresh Water	13-3/8"	17-1/2"	0.38"	2730	800	HalCem	1.2/30% Excess
Coal							
Intermediate	9-5/8"	12-1/4"	0.395"	3950	1500	HalCem	1.378/30% Excess
Production	5-1/2"	8-3/4"	0.361	12640	5000	NeoCem	1.04/31% Excess
Tubing							
Liners							

PACKERS

RECEIVED
Office of Oil and Gas

Kind:	JUL 26 2024
Sizes:	WV Department of Environmental Protection
Depths Set:	



WW-6B	
(10/14)	

API NO. 47- 095 - 02835 OPERATOR WELL NO. BFT 5H Well Pad Name: BFT

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

The well will be spud using a conductor rig. It will drill down 100' per the casing program. It will set 20" casing and circulate cement back to surface. The conductor rig will move off location, a rig capable of drilling to TD will be moved in to complete the well. We will drill to 650' on fluid and set a 13-3/8" fresh water casing string. Drilling will continue to 3,000' where 9-5/8" casing will be set. Note: If we should encounter a void during drilling, a cement basket will be placed above and below void area-balance cement to bottom of void and grout from basket to surface or run external casing packer/cementing stage tool above void interval and perform 2 stage cementing operation dependent upon depth of void. (*If freshwater is encountered deeper than anticipated, it must be protected, set casing 50' below and cement to surface). We will continue drilling the well to total depth and run/cement casing as per the attached program.

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

Multi-stage slickwater fracturing with frac sand. Wireline conveyed pump down frac plug and perforating to isolate frac stages. Maximum pressure will be 10,000 psig. and maximum rate will be 95 bpm.

- 21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 4
- 22) Area to be disturbed for well pad only, less access road (acres): 3.54

23) Describe centralizer placement for each casing string:

RECEIVED Office of Oil and Gas

Conductor: N/A

Surface: Centralizer every 3 joints or 120'

Intermediate: Centralizer every 3 joints or 120'

Production: Run 1 spiral centralizer every 120' from TD to the top of the curve Run 1 spiral centralizer every 200' from the top of the curve to surface JUL 26 2024

WV Department of Environmental Protection

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

Conductor: Class A cement (see attachment for complete description) Surface: Class A cement (see attachment for complete description)

Intermediate: Class A cement (see attachment for complete description)

Productions: /50-50 Poz/Class A lead, Class A cement tail (see attachment for complete description)

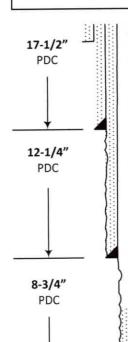
25) Proposed borehole conditioning procedures:

The wellbore will be properly circulated at TD of each section until as much residual drill cuttings have been removed from the wellbore as possible, residual gas has been circulated out and the mud and wellbore are both in good, stable condition. Mud properties will be adjusted, if needed to ensure clean hole. Hole cleaning times will vary by hole section and from well to well.

*Note: Attach additional sheets as needed.



BFT 5H Marcellus Tyler, West Virginia RKB / Elevation: AFE DC/CWC: HL Lat/Long: N 4367966.9, E 526687.3 905'/880' **NAD 83** USDW: 47-095-02835 N 4370842.5, E 524649.9 HL Lat/Long: 504' AFE #: Target Line: TBD



Water Based M	ud
80 to 650-ft	
8.3 - 8.4 ppg	
20 - 30 vis	

Casing Design									
Interval	Hole size	Size (in)	Weight #/ft	Grade	Conn.	Collapse (PSI)	Burst (PSI)	Depth (ft)	Cost \$/ft
Conductor	26"	20"			-	-		120	
Surface	17-1/2"	13-3/8"	54.5	J-55	BTC	1,130	2,730	650	
Intermediate	12-1/4"	9-5/8"	40	J-55	LTC	2,570	3,950	3,000	
Production	8-3/4"	5-1/2"	20	P-110	TBD	11,080	12,640	18,917	

Water Based Mud 650 to 3,000-ft
8.3 - 8.4 ppg
25 - 35 vis

Interval	Slurry	Weight	Ft ³	Yeild	Excess	Cement Top
Conducor	Tail	15.6 ppg	225	1.20 cuft/sk	50%	Surface
Surface	Tail	15.6 ppg	633	1.20 cuft/sk	30%	Surface
	Lead					
Intermediate	Tail	15 ppg	1,405	1.29 cuft/sk	30%	Surface
	Lead					
Production	Tail	15.2 ppg	4,150	1.12 cuft/sk	10%	3,730'

Cement Design

Water Based Mud 3,000 to 6,230-ft 8.4 – 8.9 ppg 25 – 35 vis

> Proposed KOP at 6,230-ft MD VS at KOP is -604-ft (nudge) Build 8°/100-ft to 90.5° inc., 330° azi. EOB at 7,486-ft MD (see directional plan for specific details)

RECEIVED
Office of Oil and Gas

JUL 26 2024

WV Department of Environmental Protection

8-1/2" PDC

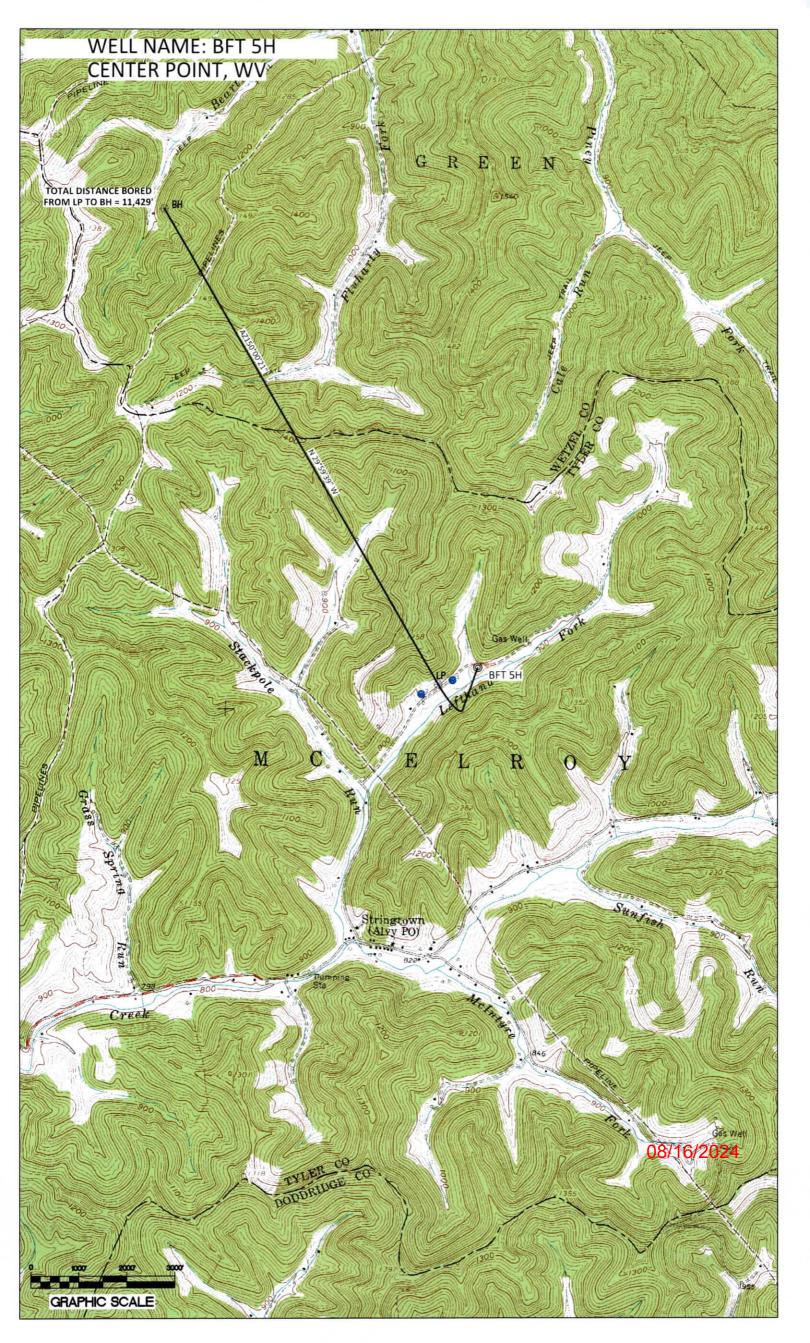
Synthetic Oil Based Mud KOP to TD 12.5 – 12.7 ppg 55 - 75 vis 6cc API

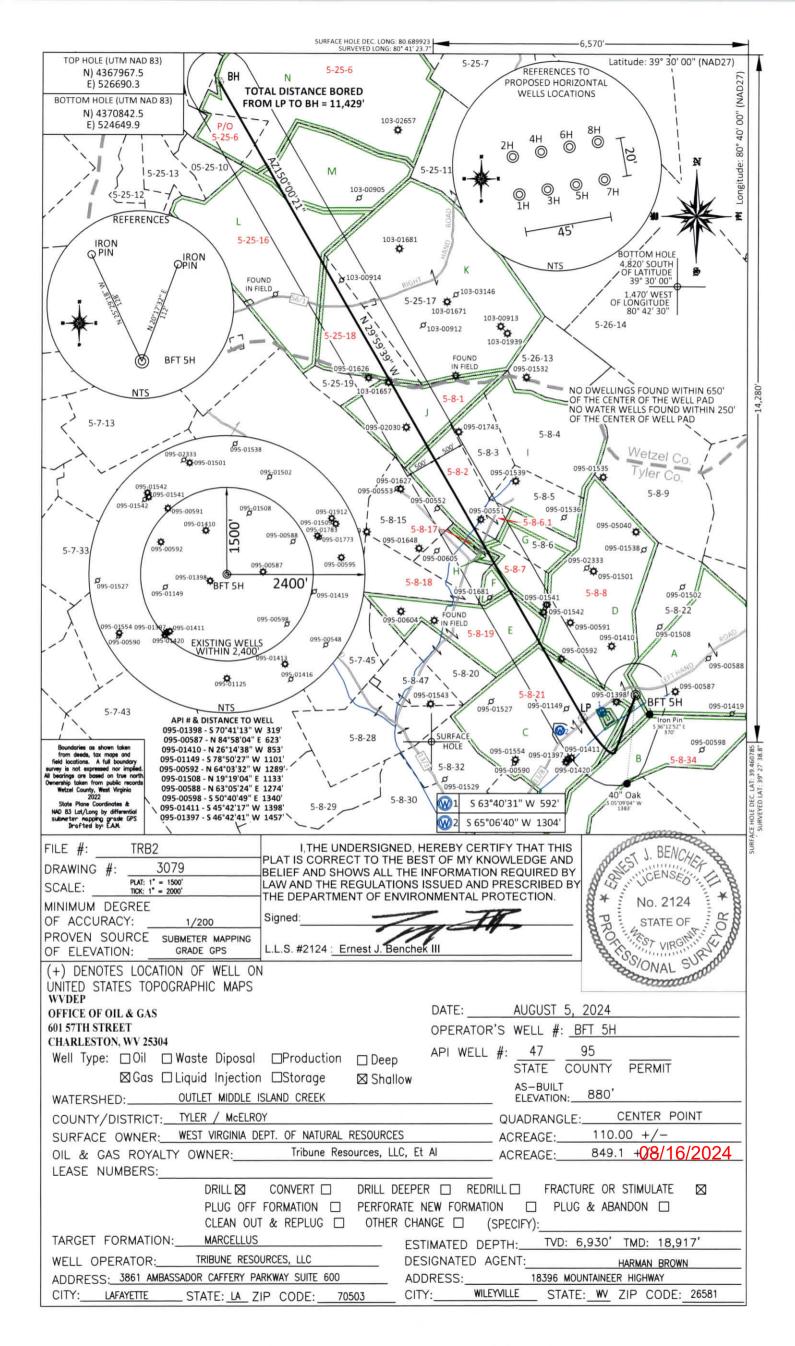
Note: increase MW through curve and lateral as dictated by hole conditions

EOC at 7,486-ft MD / 6,930-ft TVD 90.5° inc., 330° azi., 107-ft VS (see directional plan for specific details)

TD at 18,917-ft MD / 6,930-ft TVD 90.5° inc., 330° azi., 11,429-ft VS

08/16/2024





	PROPERTY OWNER INDEX
5-8-8	WV DEPT. OF NATURAL RESOURCES COMMERCE
5-8-21	JERRY L. WALTERS
5-8-19	FRANK A. & MARTHA J. PERRY
5-8-18	FRANK A. & MARTHA J. PERRY
5-8-7	RUSSELL PAUL & CAROL STACKPOLE
5-8-17	RUSSELL PAUL STACKPOLE
5-8-2	ALLEN STACKPOLE ET AL
5-8-6.1	ALLEN D. STACKPOLE
5-8-1	EDWARD G. THOMPSON
5-25-18	WV DIVISION OF NATURAL RESOURCES
5-25-16	COASTAL FOREST RESOURCES CO.
5-25-6	STATE OF WV PUBLIC LAND CORP.
E 0 2/	ASCENT RESOURCES MARCELLUS MINERALS
5-8-34	LLC

	LEASE INDEX	7	
Α	MARC00717-001	Н	MARC00726-000
В	MARC00765-000	1	MARC00727-001
С	MARC00713-000	J	MARC02996-000
D	MARC00713-000	К	MARC00744-000
Е	MARC00718-001	L	MARC03689-001
F	MARC03491-000	М	MARC03689-001
G	MARC03487-000	N	MARC01099-001

08/16/2024

FILE #:TRB2	DATE: AUGUST 5, 2024
DRAWING #:	OPERATOR'S WELL #: BFT 5H
SCALE:N/A	API WELL #: 47 095 PERMIT

WW-641

Operator's Well No.

BFT SH

(NFORMATION 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 nath 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 deposited in the accompanying plat, and described in the Construction and Reclamation Plan:
(2) the parties and recordation date (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:

Tribung Resources, LLC is the incord bite owner of the lesses identified herein. Listed below each lease is the applicable chain of title by which Tribune Resources, LLC was vested with life thereto. Please note, throughout the chain of title, various mergers and name changes occurred between the referenced companies. In several instances, no documentation was filled in the county records evidencing such a merger or name change. In those cases, we've directed your attention to the records of the West Virginia Secretary of State, where seld documentation can be found.

Tract	Parcel No.	Fee/Lease No.	Lessor/Assignor	LesseelAssignee	Royaltyflastrument	Book/Page
1	05-08-22	MARC90717-001 ~	A. D. Lemasters and Mary Lemanters, hisband and wife	South Penn Oil Company	1/6	23/100
			South Penn Oil Company	South Penn Natural Gas Company	Assignment	114/16
			South Penn Natural Gas Company	South Penn Oil Company	Assignment	151/516
			South Penn Oil Company	Ponnzoli Company	Cart of Nama Change	WV Sec. of State record
			Petrizoil Company	Pennzoli United, Inc.	Assignment	178/221
			Pennzoil United, Inc.	Pennzoii Company	Cert, of Name Change	WV Sec. of State record
			Penrizol Company	Pennzoil Products Company	Assn. & Supp. Assn.	285/258 & 269/417
			Pennzoi Products Company	Pennzoll Exploration and Production Company	Assignment	325/176
			Pennzol Exploration and Production Company	PennzEnergy Exploration and Production, L.L.C.	Cert, of Merger	8/ 516
			PennzEnergy Exploration and Production, L.L.C.	Devon Energy Production Company, L.P.	Cert, of Merger	8/576
			Devon Energy Production Company, L.P.	East Resources, Inc.	Assignment	332/146
			East Resources, Inc.	HG Energy, LLC	Assignment	379/480
		•	East Resources, Inc. and HG Energy, LLC	American Energy - Marcellus, LLC	Aseignment	451/404
			American Energy - Marcellus, LLC	Ascent Resources - Marcellus, LLC	Affidavit of Business Name Change	499/138
			Ascent Resources - Marcellus, LLC	Tribune Resources, LLC	Cart of Amend to Cart of Authority	9/471
		DEED	Amor D. Lemasters and Mary Lemasters, his wife	South Penn Oil Company	Fee Interest	30/646
			South Penn Oil Company	Pennzeit Company	Cert. of Name Change	WV Sec. of State record
			Pennzoil Company	Pennzoil United, Inc.	Assignment	178/221
			Pennzoil United, Inc.	Pennzoii Company	Cart. of Name Change	WV Sec. of State record
			Pennzoi Company	Pennzoii Products Company	Assn. & Supp. Assn.	265/258 & 269/417
			Pennzoil Products Company	Pennzoli Exploration and Production Company	Assignment	325/178
			Pennzoi Exploration and Production Company	PennzEnergy Exploration and Production, L.L.C.	Cert. of Merger	8/516
	_		PennzEnergy Exploration and Production, L.L.C.	Devon Energy Production Company, L.P.	Cert, ol Merger	8/576
		<u></u>	Deven Energy Production Company, L.P.	East Resources, Inc.	Assignment	332/146
			East Resources, Inc.	HG Energy, LLC	Deed	379/416
			East Resources, Inc. and HG Energy, LLC	American Energy - Marcallus, LLC	Assignment	451/475
			American Energy - Merculius, L1 C	Ascent Resources - Marcellus, LLC	Aff. Of Name Change	9/421
			Ascent Resources - Marcellus, LLC	Ascent Resources Marcellus Minerals, LLC	Quitclaim Mineral Deed	520/782
			Ascent Resources Mercelius Minerals, LLC	Tribuno Rossurosa Minerala, LLC	Cert of Amendment	9/464
2	05-08-06	MARC00713-090	Japper Lemasters and Mary Lemasters, his wife	South Perm Of Company	1/8	23/6
			South Penn Oil Company	South Penn Natural Gas Company	Assignment	114/15
			South Penn Natural Gas Company	South Penn Oil Company	Assignment	151/515
			South Penn Oil Company	Pennzuit Company	Cart. of Name Change	WV Sec. of State record
			Penrizod Company	Penysoil United, Inc.	Assignment	178/221
		 -	Pennzoil United, Inc.	Pannzoit Company	Cert. of Name Change	WV Sec. of State record
			Pennzo I Company	Persizoii Products Company	Assn. & Supp. Assn.	265/258 & 269/417
		PECEIVED OH and Gas	Penczul Products Company	Pennzoil Exploration and Production Company	Assignment	325/178
	0.	S.	Pennzoil Exploration and Production Company	PennzEnergy Exploration and Production, L.L.C.	Cert of Merger	8/516
	W _C a	C.C.	PenngEnergy Exploration and Production, L.L.C.	Devno Energy Production Company, L.P.	Cert of Merger	8/576
	**	ON EN	Devon Energy Production Company, L.P.	East Resources, Inc.	Assignment	332/146
	770.	90~	East Resources, Inc.	HG Energy, LLC	Assignment	379/380
	767	Gan	East Resources, Inc. and HG Energy, LLC	American Energy - Marcellus, LLC	Assignment	451/404
		7 3-	American Energy - Marcellus, LLC	Ascent Resources - Marcellus, LLC	Affidave of Business Name Change	499/138
	COMPANY 1	* <0>>2	Ascent Resources - Marcallus, LLC	Tribune Resources, LLC	Cert. of Amend to Cert. of Authority	9/471
	1000 CDa	DEED	Jasper Lemasters and Mary Lemasters, his wife	South Penn Oil Company	Fee Interest	32/73
	Environosolar	700.	South Penn Oil Company	Permacin Company	Cart, of Name Change	WV Sec. of State record
	- " "	ro. 01	Pennzoi Company	Pennatoi United, Inc.	Assignment	178/221
		CV.	Pennzol United, Inc.	Pennzoil Company	Cert. of Name Change	WV Sec. of Statu records
\longrightarrow			Pennzoi Company	Parinzoil Products Company	Asan, & Supp. Asan.	265/258 & 269/417

		East Resources, Inc. and HG Energy, LLC	American Energy - Marcellus, LLC	Assignment	451/475
		American Energy - Marcellus, LLC	Ascent Resources - Marcellus, LLC	Aff. Of Name Change	9/421
		Ascent Resources - Marcellus, LLC	Ascent Resources Marcellus Minerals, LLC	Quitclaim Mineral Deed	520/782
		Ascent Resources Marcellus Minerals, LLC	Tribune Resources Minerals, LLC	Cert. of Amendment	9/464
_		Ascent Resources - Marcellus, LLC	Tribune Resources, LLC	Cert. of Amend to Cert. of Authority	9/471
_	5 05-08-34 - MARC00765-000	Charles Clifton Penick and Mary H. Penick, his wife	Brooks Gas Company	1/8	30/292
_	3 05-05-54 2 22-05-55	Brooks Gas Company	Two Brothers Oil Company	Assignment	30/594
-		Brooks Gas Company	South Penn Oil Company	Assignment	30/627
_		Two Brothers Oil Company	South Penn Oil Company	Assignment	35/535
_		South Penn Oil Company	South Penn Natural Gas Company	Assignment	114/16
			South Penn Oil Company	Assignment	151/516
_		South Perin Natural Gas Company	Pennzoil Company	Cert. of Name Change	
_		South Penn Oil Company			WV Sec. of State reco
		Penrizoil Company	Pennzoil United, Inc.	Assignment	178/221
_		Pennzoil United, Inc.	Pennzoil Company	Cert, of Name Change	WV Sec. of State reco
		Pennzoil Company	Pennzoil Products Company	Assn. & Supp. Assn.	265/258 & 269/417
		Pennzoil Products Company	Pennzoil Exploration and Production Company	Assignment	325/178
		Pennzoil Exploration and Production Company	PennzEnergy Exploration and Production, L.L.C.	Cert, of Merger	8/516
		PennzEnergy Exploration and Production, L.L.C.	Devon Energy Production Company, L.P.	Cert, of Merger	8/576
		Deven Energy Production Company, L.P.	East Resources, Inc.	Assignment	332/146
		East Resources, Inc.	HG Energy, LLC	Assignment	379/480
		East Resources, Inc. and HG Energy, LLC	American Energy - Marcellus, LLC	Assignment	451/404
		American Energy - Marcellus, LLC	Ascent Resources - Marcellus, LLC	Affidavil of Business Name Change	499/138
		Ascent Resources - Marcellus, LLC	Tribune Resources, LLC	Cert. of Amend to Cert. of Authority	9/471
	6 05-08-19 MARC00718-001	RM Stackpole	South Perm Oil Company	1/8	23/117
		South Penn Oil Company	South Penn Natural Gas Company	Assignment	114/16
		South Penn Natural Gas Company	South Penn Oil Company	Assignment	151/516
		South Penn Oil Company	Pennzoil Company	Cert. of Name Change	WV Sec. of State reco
		Pennzoii Company	Pennzoil United, Inc.	Assignment	178/221
		Pennzoil United, Inc.	Pennzoi Company	Cert. of Name Change	WV Sec. of State recor
		Pennzoil Company	Pennzoil Products Company	Asan, & Supp. Asan.	265/258 & 269/417
		Pennzoil Products Company	Pennzol Exploration and Production Company	Assignment	325/178
		Pennzoil Exploration and Production Company	PennzEnergy Exploration and Production, L.L.C.	Cert, of Merger	8/516
_		Pennzenergy Exploration and Production, L.L.C.	Devon Energy Production Company, L.P.	Cert, of Merger	B/576
_		Devon Energy Production Company, L.P.	East Resources, Inc.	Assignment	332/146
_			HG Energy, LLC	Assignment	379/380
_		East Resources, Inc.	American Energy - Marcellus, LLC	Assignment	451/404
_		East Resources, Inc. and HG Energy, LLC	Ascent Resources - Marcellus, LLC	Affidavit of Business Name Change	499/138
_		American Energy - Marcellus, LLC	Tribune Resources, LLC		110000
_		Ascent Resources - Marcellus, LLC		Cert, of Amend to Cert, of Authority	9/471
	DEED	R. M. Stackpole	South Perm Oil Company	Fee Interest	28/208
_		South Penn Oil Company	Pennzoil Company	Cert. of Name Change	WV Sec. of State recor
		Pennzoil Company	Pennzoli United, Inc.	Assignment	178/221
		Pennzoii United, Inc.	Pennzoii Company	Cart. of Name Change	WV Sec. of State recor
		Pennzoil Company	Pennzoii Products Company	Assn. & Supp. Assn.	265/258 & 269/417
		Pennzoil Products Company	Pennzoii Exploration and Production Company	Assignment	325/178
		Pennzoil Exploration and Production Company	PennzEnergy Exploration and Production, L.L.C.	Cert, of Merger	8/516
		PennzEnergy Exploration and Production, L.L.C.	Devon Energy Production Company, L.P.	Can. of Merger	8/576
		Devon Energy Production Company, L.P.	East Resources, Inc.	Assignment	332/146
		East Resources, Inc.	HG Energy, LLC	Deed	379/410
		East Resources, Inc. and HG Energy, LLC	American Energy - Marcellus, LLC	Assignment	451/475
		American Energy - Marcellus, LLC	Ascent Resources - Marcellus, LLC	Aff. Of Name Change	9/421
		Ascent Resources - Marcellus, LLC	Ascent Resources Marcellus Minerals, LLC	Quitclaim Mineral Deed	520/782
		Ascent Resources Marcellus Minerals, LLC	Tribune Resources Minerals, LLC	Cert. of Amendment	9/464
	7 p/o 6597-07PC MARC03491-000	Mary M Welch, widow, a woman in her own right. Adminix, Of the NM Welch Estate	Pennzoil Company	1/8	259/393
	OF SIVE	Pennzoi Company	Pennzoil United, Inc.	Assignment	178/221
	100	Pennzoil United, Inc.	Penrizoli Company	Cert. of Name Change	WV Sec. of State recor
_	400	Pennzol Company	Pennzoil Products Company	Assn. & Supp. Assn.	265/258 & 269/417
_	7 7 900		Pennzoli Exploration and Production Company		325/178
_	50 Mg 27730	Pennzoil Products Company		Assignment	
_	100	Pennzeil Exploration and Production Company	PennzEnergy Exploration and Production, L.L.C.	Cert, of Merger	8/516
	TO PORT	PennzEnergy Exploration and Production, L.L.C.	Devon Energy Production Company, L.P.	Cert. of Merger	8/576
	100 000	Deven Energy Production Company, L.P.	East Resources, Inc.	Assignment	332/146
	1604 160				
	Environmental Field	East Resources, Inc. East Resources, Inc. and HG Energy, LLC	HG Energy, LLC American Energy - Marcellus, LLC	Assignment Assignment	379/386 451/404

		<u>.l</u>	Pennzoil Products Company	Pennzeil Exploration and Production Company	Assignment	325/178
		I	Pennzoll Exploration and Production Company	PennzEnergy Exploration and Production, L.L.C.	Cert. of Merger	8/516
			PennzEnergy Exploration and Production, L.I. C.	Devon Energy Production Company, L.P.	Cert, of Merger	8/576
			Devon Energy Production Company, L.P.	East Resources, Inc.	Assignment	332/146
			East Resources, Inc.	NG Energy, LLC	Dead	379/410
			East Resources, Inc. and HG Energy, LLC	American Energy - Marcellus, LLC	Assignment	451/475
			American Energy - Marcellus, LLC	Ascent Resources - Marcellus, LLC	All, Of Name Change	9/421
		1 -	Ascent Resources - Marcellus, LLC	Ascent Resources Marcellus Minerals, LLC		
			Ascent Resources Marcellus Minerals, LLC	Tribune Resources Minerals, LLC	Quitclaim Mineral Deed	520/782
-3	05-08-21	MARC00713-000	Jasper Lemasters and Mary Lemasters, his wife	South Penn Oil Company	Cerl, of Amendment	9/464
	WE-00-21	MATCOO7 13-000	South Penn Of Company		1/6	23/6
-		}		South Penn Natural Gas Company	Assignment	114/16
_			South Penn Natural Ges Company	South Penn Oil Company	Assignment	151/516
			South Penn Oil Company	Perezoit Company	Cert. of Name Change	WV Sec. of State
			Pennzoi Company	Pennzoli United, Inc.	Assignment	178/221
			Pennzuil United, Inc.	Pennzol Company	Cert. of Name Change	WV Sec. of State
			Pennzoil Company	Penrizol Products Company	Assn. & Supp, Assn.	265/258 & 263
		.i	Pennzoil Products Company	Pennzoil Exploration and Production Company	Assignment	325/178
			Pennzoil Exploration and Production Company	PennzEnergy Exploration and Production L.L.G.	Cert, of Merger	8/516
			PennzEnergy Exploration and Production, L.L.C.	Devon Energy Production Company, L.P.	Cert. of Merger	8/57d
			Devon Energy Production Company, L.P	East Resources, Inc.	Assignment	332/146
			East Resources, Inc.	HG Energy, LLC	Assignment	379/380
			East Resources, Inc. and HG Energy, LLC	American Energy - Marcellus, LLC	Assignment	451/404
			American Energy - Marcelus, LLC	Asceni Resources - Marcellus, LLC	Affidavit of Business Name Change	499/138
_		 	Ascent Resources - Marcellus, LLC	Tribure Resources, LLC		
		DEED	Jasper Lemasters and Mary Lemasters, his wife		Cart, of Amond to Cart, of Authority	9/47 1
		VEED		South Penn OB Company	Fee Interest	33/73
		·	South Penn Of Company	Pennzoil Company	Cert. of Name Change	WV Sec. of State
_			Peniszoi Company	Pennzoll United, Inc.	Assignment	178/221
			Pennzoit United, Inc.	Pennzoi Company	Cert, of Name Change	WV Sec. of Steln
			Pennzol Company	Pennzoii Producis Company	Assn. & Supp. Assn.	265/258 & 269
			Pennzol Products Company	Pennzoil Exploration and Production Company	Asagnment	325/178
			Pennzui Exploration and Production Company	PennzEnergy Exploration and Production, L.L.C.	Cert. of Morger	8/61đ
			PennzEnergy Exploration and Production, i. L.C.	Devon Energy Production Company, L.P.	Cert. of Merger	8/576
		l	Devon Energy Production Company, L.P.	East Resources, Inc.	Assignment	332/146
	_ 1		East Resources, Inc.	HG Energy, LLC	Deed	379/410
			East Resources, Inc. and HG Energy, LLC	American Energy - Marcellus, LLC	Assignment	451/475
			American Energy - Marcelus, LLC	Ascent Resources - Mercellus, LLC	Alf. Of Name Change	9/421
			Ascent Resources - Marcellus, LLC	Ascent Resources Mercellus Minerals, LLC	Quitolaim Mineral Dend	520/782
			Ascent Resources Marcellus Minerals, LLC	Tribune Resources Minerals, LLC	Cert. of Amendment	9/464
4	5-8-21.2	MARC00713-000	Jasper Lemesters and Mary Lemesters, his wife	South Penn Oil Company	1/8	23/6
			South Penn Oil Company	South Penn Natural Gas Company		
_		 	South Penn Natural Gas Company		Assignment	114/16
_		 		South Penn Oil Company	Asegnment	151/516
		 -	South Penn Oil Company	Parinzoli Company	Curt, of Name Change	WV Sec. of State
			Pennzoi Company	Pennzel United, Inc.	Assignment	178/221
		_	Pennzoil United, Inc.	Perrozoi Company	Cert. of Name Change	WV Sec. of State
		<u> </u>	Релгиов Сотрелу	Pennzul Pruducts Company	Assn. & Supp. Assn.	265/258 & 269
			Pennzoil Products Company	Pennzol Exploration and Production Company	Assignment	325/178
		L	Pennzoil Exploration and Production Company	PennzEnergy Exploration and Production, L.L.C.	Cert. of Merger	8/516
			PennzEnergy Exploration and Production, L.L.C.	Devon Energy Production Company, L.P.	Cert. of Merger	8/576
			Devon Energy Production Company, L.P.	East Resources, Inc.	Assignment	332/146
	1		East Resources, Inc.	HG Energy, LLC	Assignment	379/38C
			East Resources, Inc. and HG Energy, LLC	American Energy - Marcellus, LLC	Assignment	451/404
			American Energy - Mercellus, LLC	Ascent Resources - Mercellus, LLC	Affidavit of Business Name Change	499/138
		-		Tribune Resources, LLC		9/471
					Cett of Amend to Part of Authoritical	
	06.6	DEED	Ascent Resources - Marcellus, LLC		Cert, at Amend to Cert, of Authority	
	Office	DEED	Ascent Resources - Marcellus, LLC Jasper Lemasters and Mary Lemasters, his wife	South Penn Oil Company	Fee Interest	33/73
	Office 6	DEED	Ascent Resources - Marcellus, LLC Jaxper Lemisters and Mary Lemesters, his wife South Penn Of Company	South Penn Oil Company Pennzoil Company	Fee Interest Cert. of Name Change	33/73 WV Sec. of State
	Office of	DEED DEED	Ascent Resources - Marcellus, LLC Jasper Lemisters and Mary Lemisters, his wife South Penn Of Company Pennicol Company	South Penn Oil Company Pennzoil Company Pennzoil United, Nrc.	Fee Interest Cert, of Name Change Assignment	33/73 WV Sec. of State 178/221
	Office of	CEIVED	Ascent Resources - Marcellus, LLC Jasper Lemisters and Mary Lemisters, his wife South Penn Of Company Pennizel Company Pennizel United, Inc.	South Penn Oil Compleny Pennzoil Company Pennzoil United, Inc. Pennzoil Company	Fee Interest Cert, of Name Change Assignment Cert, of Name Change	33/73 WV Sec. of State 178/221 WV Sec. of State
	Office of	CEIVED	Ascent Resources - Marcellus, LLC Jasper Lemasters and Mary Lemasters, his wife South Penn Of Company Pennzoil Company Pennzoil United, Inc. Pennzoil Company	South Penn Oil Company Pennzoil Company Pennzoil United, Nuc. Pennzoil Company Pennzoil Poducta Company	Fee Interest Cart. of Name Change Assignment Cest. of Name Change Assn. & Supp, Assn.	33/73 WV Sec. of State 178/221 WV Sec. of State 265/258 & 268
	Office a	CEIVED	Ascent Resources - Marcellus, LLC Jaxper Lemasters and Mary Lemasters, his wife South Penn Oil Company Pennzoil Company Pennzoil United, inc. Pennzoil Company Pennzoil Company Pennzoil Company	South Penn Oil Cempany Pennzoil Company Pennzoil Urited, Nr. Pennzoil Company Pennzoil Company Pennzoil Enducta Company Pennzoil Euplorston and Production Company	Fee Interest Cert. of Name Change Assignment Cert. of Name Change Assn. & Supp. Assn. Assignment	33/7.3 WV Sec. of State 178/2.21 WV Sec. of State 265/258 & 269/ 325/176
	Off I	CEIVED	Ascent Resources - Marcellus, LLC Jasper Lemasters and Mary Lemasters, his wife South Penn Oil Company Pennzoil Company Pannzoil United, Inc. Pennzoil Company Pennzoil Products Company Pennzoil Exploration and Production Company	South Penn Oil Company Pennzoil Company Pennzoil Urited, lirc. Pennzoil Company Pennzoil Company Pennzoil Company Pennzoil Engloration and Production Company Pennzoil Exploration and Production L.L.C.	Fee Interest Cart. of Name Change Assignment Cest. of Name Change Assn. & Supp, Assn.	33/73 WV Sec. of State 178/221 WV Sec. of State 265/258 & 268
	Office of the state of the stat	CEIVED	Ascent Resources - Marcellus, LLC Jasper Lemasters and Mary Lemasters, his wife South Penn Oil Company Pennzoil Company Pennzoil United, Inc. Pennzoil Company Pennzoil Products Company Pennzoil Exploration and Production Company Pennzoil Exploration and Production, LLC.	South Penn Oil Complany Pennzoil Corrigany Pennzoil Corrigany Pennzoil Company Pennzoil Company Pennzoil Eaploration and Production Company Pennzoil Eaploration and Production L.L.C. Devon Energy Production Company, I. P.	Fee Interest Cert. of Name Change Assignment Cert. of Name Change Assn. & Supp. Assn. Assignment	33/73 WV Sec. of State 178/221 WV Sec. of State 265/258 & 269 325/176
	Office of the state of the stat	CEIVED	Ascent Resources - Marcellus, LLC Jasper Lemasters and Mary Lemasters, his wife South Penn Oil Company Pennzoil Company Pannzoil United, Inc. Pennzoil Company Pennzoil Company Pennzoil Products Company Pennzoil Exploration and Production Company	South Penn Oil Company Pennzoil Company Pennzoil Urited, lirc. Pennzoil Company Pennzoil Company Pennzoil Company Pennzoil Engloration and Production Company Pennzoil Exploration and Production L.L.C.	Fee Interest Cert. of Name Change Assignment Cert. of Name Change Assn. & Supp. Assn. Assignment Cert. of Merger	33/73 WV Sec. of State 178/221 WV Sec. of State 265/258 & 269 325/176 8/516

- 1				American Energy - Marcellus, LLC	Ascent Resources - Marcellus, LLC	Affidavii of Business Name Change	499/138
٦				Ascent Resources - Marcellus, LLC	Tribune Resources, LLC	Cert. of Amend to Cert. of Authority	9/471
- 1			DEED	Issue Stackpole and H.F. Stackpole, his wife	South Penn Oil Company	Fee Interest	28/209
Г				South Penn Oil Company	Pennzoli Company	Cert, of Name Change	WV Sec. of State record
- [-		Pennzoil Company	Pennzoll United, Int.	Assignment	178/221
- 1		 	<u> </u>	Pennzon United, Inc.	Pennzoil Company	Cert, of Name Change	WV Sec. of State record
-				Pennzoil Company	Pennzoil Products Company	Assn. & Supp. Assn.	265/258 & 269/417
_ -				Pennzoil Products Company	Pennzoli Exploration and Production Company	Assignment	325/178
-		 		Pennzol Exploration and Production Company	PennzEnergy Exploration and Production 1.1.6.	Cert, of Merger	8/516
⊢		 		PennyEnergy Exploration and Production, L.L.C.	Devon Energy Production Company, L.P.	Cert. of Merger	8/576
⊢		 		Devon Energy Production Company, L.P.	East Resources, Inc.	Assignment	
⊢		 					332/146
-			 	East Resources, Inc.	HG Energy, LLC	Dead	379/410
ļ.,		 		East Resources, Inc. and HG Energy, LLC	American Energy - Marcellus, LLC	Assignment	451/475
-		<u> </u>		American Energy - Marcellus, LLC	Ascent Resources - Marcellus, LLC	Aff. Of Name Charige	9/421
⊢		<u> </u>		Ascent Resources - Marcellus, LLC	Ascent Resources Marcellus Minerals, LLC	Quitdem Mineral Deed	520/782
L		1	<u> </u>	Ascent Resources Mercellus Minerals, LLC	Tribune Resources Minerals, LLC	Cert. of Amendment	9/464
E	8	p/o 05-08-07	MARC03487-000	Mary M. Welch	Pennzoli Company	1/6	259/399
				Pannzoil Company	Pennzoli United, Inc.	Assignment	178/221
Γ				Pennzoil Linked, Inc.	Pennzoii Company	Cert. of Name Change	WV Sec. of State recon
_				Permizbil Company	Pennzoli Products Company	Assn. & Supp. Assn.	265/258 & 269/417
Г		1	l	Pennzoil Products Company	Pennzoll Exploration and Production Company	Assignment	325/178
r		1		Pennzoil Exploration and Production Company	PennzEnergy Exploration and Production, L.L.C.	CarL of Merger	8/516
۲		1	i	PennzEnergy Exploration and Production, I.1.C.	Devon Energy Production Company, L.P.	Cert. of Merger	8/576
F		 		Devon Energy Production Company, L.P.	East Resources, Inc.	Assignment	332/146
⊢		1	•	East Resources, Inc.	HG Energy, LLC	Assignment	379/380
⊢		t	1	East Resources, Inc. and HG Energy, LLC	American Energy - Marcellus, LLC	Assignment	451/404
-		 		American Energy - Marcellus, LLC	Ascent Resources - Marcellus, LLC	Affidavit of Business Name Change	499/138
⊢		 		Ascent Resources - Marcellus, LLC	Tribune Resources, LLC	Cert. of Amend to Cert. of Authority	9/471
F		 	DEED	Quintilla Huffman and Eugenes Huffman, her husband			25/116
-		ļ. <u> </u>	UEEU		Laring R Loomia	Fee Interest	
- -			<u> </u>	LR Locinis	South Penn Oil Company	Doed	29/42
-				South Perin Oil Company	Pennzoli Company	Cert. of Name Change	WV Sec. of State record
L		<u> </u>		Pennzol Company	Pennzoli United, Inc.	Assignment	178/221
L		ļ		Pennzoil United, Inc.	Pennzoli Company	Cart. of Name Change	WV Sec. of State record
L		<u> </u>		Ponnzoi Company	Penrizoli Products Company	Assn. & Supp. Assn.	265/258 & 269/417
L				Pennzoil Products Company	Pennzoil Exploration and Production Company	Assignment	325/178
L			l .	Pennzoil Exploration and Production Company	PennzEnergy Exploration and Production, L.L.C.	Cert, of Merger	8/516
				PannzEnergy Exploration and Production, L.L.C.	Devon Energy Production Company, L.P.	Cert. of Merger	8/576
Г		[Devon Energy Production Company, L.P.	East Resources, Inc.	Assignment	332/146
Г				East Resources, Inc.	HG Energy, LLC	Dead	379/410
		1		East Resources, Inc. and HG Energy, LLC	American Energy - Marcellus, LLC	Assignment	451/475
_ r		T		American Energy - Marcallus, LLC	Ascent Resources - Marcellus, LLC	Aff, Of Name Change	8/421
⊢				Ascent Resources - Marcellus, LLC	Ascent Resources Marcellus Minerals, LLC	Quitclaim Mineral Deed	520/782
- 1-				Ascent Resources Marcellus Minerals, LLC	Tribune Resources Minorale, LLC	Cert, of Amendment	9/464
λĿ	•	05-08-17	MARC00726-000		W.R. McIntyre	1/8	23/543
۱,		00-00-17	### CONT. 100 C	WR Mointyre	South Perm Oil Company	Assignment	23/563
H		 					114/16
⊢		 		South Penn Oil Company	South Penn Natural Gas Company	Assignment	
L		 	-	South Ponn Natural Gas Company	South Penn Oil Company	Assignment	151/516
		 		South Penn Oil Company	Pennzoli Company	Cert. of Name Change	WV Sec. of State recon
L				Penivoli Company	Pennzoli United, Inc.	Assignment	178/221
E				Perinzol United, Inc.	Pennzoli Company	Cart. of Name Change	WV Sec. of State recon
-		On		Pennzoil Company	Pennzor Products Company	Assn. & Supp. Assn.	285/258 & 269/417
-		Office	ECE:	Pennzoil Products Company	Pennzoil Exploration and Production Company	Asen, & Supp. Assn. Assignment	285/258 & 269/417 325/178
		Office	CENT	Pennzol Products Company Pennzol Exploration and Production Company	Pennzoi Exploration and Production Company PennzEnergy Exploration and Production L.L.C.		
		0/nc	CANED	Pennzoil Products Company	Pennzoil Exploration and Production Company	Assignment	325/178
		Orice of	CONTED OWNED	Pennzol Products Company Pennzol Exploration and Production Company	Pennzoi Exploration and Production Company PennzEnergy Exploration and Production L.L.C.	Assignment Cort, of Merger Cert, of Merger	325/178 8/516
		Office of	Control Contro	Pennzul Products Company Pennzul Exploration and Production Company Pennzenergy Exploration and Production, L.L.C.	Pennzoii Exploration and Production Company PennziEnergy Exploration and Production L.L.C. Devon Energy Production Company, L.P. East Resources, Inc.	Assignment Cort, of Merger Cert, of Merger Assignment	325/178 8/516 8/576
		OCT I	Control Grand	Pennzoil Products Company Pennzoil Exploration and Production Company Penuz Energy Exploration and Production, L.L. C. Davon Energy Production Company, 1.P. East Persources, Inc.	Pennzoil Exploration and Production Company PennzEnergy Exploration and Production L.L.C. Devon Energy Production Company, L.P. East Resources, Inc. HG Energy, L.C.	Assignment Cort. of Merger Cort. of Merger Assignment Assignment	325/178 8/516 8/576 332/146 378/380
		Office of the Principle	7.022	Pennzoil Products Company Pennzoil Exploration and Production Company Pennzeil Exploration and Production, L.L.C. Devon Energy Production Company, L.P. East Resources, Inc. and HG Energy, LLC	Pennzoi Exploration and Production Company PennzEnergy Exploration and Production L.L.C. Devon Energy Production Company, L.P. East Resources, Inc. HG Energy, LLC American Energy - Mercellus, LLC	Assignment Cort, of Merger Cert, of Merger Assignment Assignment Assignment	325/178 8/518 8/576 332/146 378/380 451/404
		Office Of The Property of the	Control of the Contro	Pennzoil Products Company Pennzoil Exploration and Production Company PennzEnergy Exploration and Production, L.L.C. Devor Energy Production Company, L.P. East Resources, Inc. East Resources, Inc. American Energy - Mercellus, LLC American Energy - Mercellus, LLC	Pennzoi Exploration and Production Company PennzEnergy Exploration and Production U.L.C. Devon Energy Production Company, U.P. East Resources, Inc. HG Energy, LLC American Energy - Mercellus, LLC Ascent Resources - Marcellus, LLC	Assignment Ctrt, of Merger Cert, of Merger Assignment Assignment Assignment Assignment Assignment Assignment	325/178 8/518 8/516 35/76 332/146 378/380 451/404 499/138
		Office of the second of the se	2022	Pennzol Products Company Pennzol Exploration and Production Company Pennzol Exploration and Production, L.L.C. Davon Energy Production Company, L.P. East Resources, Inc. East Resources, Inc. and HG Energy, LLC Amedican Energy - Marcellus, LLC Ascord Resources - Marcellus, LLC	Pennzoil Exploration and Production Company PennzEnergy Exploration and Production L.L.C. Devan Energy Production Company, L.P. East Rasources, Inc. HG Energy, LLC American Energy - Marcellus, LLC Ascent Resources - Marcellus, LLC Tribune Resources, LLC	Assignment Cert, of Merger Cert, of Merger Assignment Assignment Assignment Assignment Affidavit of Businoss Name Change Cert, of Amend to Cert. of Authority	325/178 8/518 8/576 332/146 378/380 451/494 499/138 9/471
		Office OCT I	Charles Gae	Pennzel Products Company Pennzel Exptoration and Production Company Pennzel Exptoration and Production, L.L.C. Deven Energy Production Company, I.P. East Resources, Inc. East Resources, Inc. and HG Energy, LLC American Energy - Mercellus, LLC Ascent Resources - Mercellus, LLC William Longstreth and Elizabeth E. Longstreth, his wife	Pennzoii Exploretion and Production Company PennzEnergy Exploration and Production L.L.C. Devon Energy Production Company, L.P. East Renources, Inc. HG Energy, L.C American Energy - Mercellus, LLC Ascent Resources - Marcellus, LLC Tribune Resources, LLC L. R. Loomis	Assignment Cert. of Merger Cert. of Merger Assignment Assignment Assignment Assignment Assignment Cert. of Business Name Change Cert. of Amend to Cert. of Authority Fee Interest	325/178 8516 9576 337/146 379/380 451/404 499/138 94/11
		Office of the second of the se	Control Contro	Pennzol Products Company Pennzol Exploration and Production Company Pennzol Exploration and Production, L.L.C. Davon Energy Production Company, L.P. East Resources, Inc. East Resources, Inc. and HG Energy, LLC Amedican Energy - Marcellus, LLC Ascord Resources - Marcellus, LLC	Pennzoil Exploration and Production Company PennzEnergy Exploration and Production L.L.C. Devan Energy Production Company, L.P. East Rasources, Inc. HG Energy, LLC American Energy - Marcellus, LLC Ascent Resources - Marcellus, LLC Tribune Resources, LLC	Assignment Cert, of Merger Cert, of Merger Assignment Assignment Assignment Assignment Affidavit of Businoss Name Change Cert, of Amend to Cert. of Authority	325/178 8/518 8/576 332/146 379/380 451/494 489/138 8/471

C

			Pennzol United. Inc.	Pennzoii Company	Cert. of Name Change	WV Sec. of State reco
			Pennzol Company	Pennzoli Products Company	Assn. & Supp. Assn.	
			Pennitoli Producta Company	Pennzoll Exploration and Production Company	Assignment	265/258 & 269/417
			Pennzoil Exploration and Production Company	PennzEnuruy Exploration and Production, L.L.C.		325/178
			PennzEnergy Exploration and Production, L.L.C.	Devon Energy Production Company, L.P.	Cort. of Merger	8/516
			Devon Energy Production Company, L.P.	East Resources, Inc.	Cert, of Merger	8/576
			East Resources, Inc.		Assignment	332/146
			East Resources, Inc. and HG Energy, LLC	HG Energy, LLC	Deed	379/410
\rightarrow				American Energy - Marcellus, LLC	Assignment	451/475
\vdash			American Energy - Marcellus, LLC	Ascent Ruscurces - Marcellus, LLC	Aff. Of Name Change	9/421
\vdash		<u> </u>	Ascent Resources - Marcellus, LLC	Ascent Resources Marcellus Minerals, LLC	Quitclaim Mineral Deed	520/782
 	22.42.4		Ascent Resources Marcellus Minerals, LLC	Tribune Resources Minerals, LLC	Cert, of Amendment	9/464
18	05-08-6.1	MARC00727-001	James H. Dawson and MA Dawson, husband and wife	WR McIntyre	1/8	23/526
		<u>,</u>	WR McIntyre and Jirl McIntyre	South Penn Oil Company	Assignment	23/563
			South Penn Oil Company	Pennzoli Company	Cert. of Name Change	WV Sec. of State reco
i.			Pennzoil Company	Pennzoli United, Inc.	Assignment	178/221
			Pennzoil United, Inc.	Permzoli Company	Cert. of Name Change	WV Sec. of State reco
			Pennzoil Company	Pennzol Products Company	Assn. & Supp. Assn.	265/258 & 269/41
Li			Pennzoil Products Company	Permizoil Exploration and Production Company	Assignment	325/178
			Pennzuil Exploration and Production Company	PennzEnergy Exploration and Production, L.L.C.	Cert. of Merger	8/515
			PennzEnergy Exploration and Production, L.L.C.	Devon Energy Production Company, L.P.	Cert. of Merger	8/575
			Devon Energy Production Company, L.P.	East Resources, Inc.	Assignment	332/146
			East Resources, Inc.	HG Energy, U.C	Assignment	379/380
			East Resources, Inc. and HG Emergy, LLC	American Energy - Marcellus, LLC		
1	·		American Energy - Marcellus, LLC	Ascent Resources - Marcellus, Lt.C	Assignment	451/404
			Ascent Resources - Marcellus, LLC	Tribuno Resources, LLC	Affidavit of Business Name Change	499/138
- -		DEED	James H. Dawson and Margaret A. Dawson, his wife	South Penn Oil Company	Cert. of Amend to Cert of Authority	9/471
— †		- 01.00	South Pann Oil Company		Fee Interest	28/195
			Pennzoil Company	Pennzoil Compeny	Cert. of Name Change	WV Sec. of State rec
		·····		Permazoii United, Inc.	Assignment	178/221
<u> </u>			Pennzoil United, Inc.	Pennzoil Company	Cert. of Name Change	WV Sec. of State race
			Perinzoli Company	Pennzoii Products Company	Assn. & Supp. Assn.	265/268 & 269/417
			Pannzoil Products Company	Pennzoii Exploration and Production Company	Assignment	325/178
			Pennzoil Exploration and Production Company	PennzEnergy Exploration and Production, L.L.C.	Cert, of Merger	8/515
			PennzEnergy Exploration and Production, L.L.C.	Devon Energy Production Company, L.P.	Cert, of Merger	8/576
			Devon Energy Production Company, L.P.	East Resources, Inc.	Assignment	332/146
			East Rosources, Inc.	HG Energy, LLC	Deed	379/410
			East Resources, Inc. and HG Energy, LLC	American Energy - Marcellus, LLC	Assignment	451/475
			American Energy - Marcellus, LLC	Ascent Resources - Marcellus, LLC	Aff. Of Name Change	9/421
l l			Ascent Resources - Marcellus, LLC	Ascent Resources Marcellus Minerals, LLC	Quitclaim Mineral Deed	520/782
1		· · · · · · · · · · · · · · · · · · ·	Ascent Resources Marcelus Minerals, LLC	Tribune Resources Minerals, LLC	Cert, of Amendment	9/464
11	05-08-02	MARC00727-001 1	James H. Dawson and MA Dawson, husband and wife	WR McIntyre	1/8	
				Tree and the contract of the c		79.554
''			WR Molative and JH Molative	South Pean Oil Company		23/526
			WR Mointyre and JH Mointyre South Penn Oil Company	South Penn Oil Company	Assignment	23/563
			Souti Penn Oil Company	Pennzol Company	Assignment Cert. of Name Change	23/563 WV Soc. of State reco
			Souti, Penn Oll Company Pennizoli Company	Pennzol Company Pennzol United, Inc.	Assignment Cert. of Name Change Assignment	23/563 WV Soc. of State reco 178/221
			Souli, Penn Oil Company Pennzoil Company Pennzoil United, Inc.	Pennzol Company Pennzol United, Inc. Pennzol Company	Assignment Cert, of Name Change Assignment Cert, of Name Change	23/563 WV Soc. of State reco 178/221 WV Sec. of State reco
			Souli, Penn Oil Company Pennzoil Company Pennzoil United, Inc. Pennzoil Company	Pennzol Company Pennzol United, Inc. Pennzol Company Pennzol Products Company	Assignment Cert. of Name Change Assignment Cert. of Name Change Assn. & Supp. Assn.	23/563 WV Soc. of State reco 178/221 WV Sec. of State reco 265/258 & 269/41
			Souti, Penn Oli Compeny Pennzol Compeny Pennzol United, Inc. Pennzol Products Compeny Pennzol Products Compeny	Pennzoli Corapany Pennzoli United, Inc. Pennzoli Company Pennzoli Products Company Pennzoli Products Company Pennzoli Exploration and Production Company	Assignment Cert. of Name Change Assignment Cert. of Name Change Assn. & Supp. Assn. Assignment	23/563 WV Soc. of State reco 178/221 WV Sec. of State reco 265/258 & 269/41 325/178
			Souti, Penn Oil Company Pennzoil Company Pennzoi United, Inc. Pennzoil Company Pennzoil Products Company Pennzoil Products Company Pennzoil Exploration and Production Company	Pennzoli Company Pennzoli United, Inc. Pennzoli Company Pennzoli Products Company Pennzoli Exploration and Production Company Pennzelinonyy Exploration and Production, L.L.C.	Assignment Cert. of Name Change Assignment Cert. of Name Change Assn. & Supp. Assn. Assignment Cert. of Morger	23/563 WV Soc. of State reco 178/221 WV Sec. of State reco 265/258 & 269/41 325/178 8/516
			Souti: Penn Oil Company Pennzoil Company Pennzoil United, Inc. Pennzoil Products Company Pennzoil Products Company Pennzoil Exploration and Production Company Pennzoil supportation and Production, L.L. C.	Pennzol Company Pennzol United, Inc. Pennzol Company Pennzol Products Company Pennzol Exploration and Production Company Pennzol Exploration and Production, L.L.C. Devon Energy Production Company, L.P.	Assignment Cert. of Name Change Assignment Cert. of Name Change Assn. & Supp. Assn. Assignment Cert. of Morger Gert. of Morger	23/563 WV Sou, of Statu-reco 178/221 WV Sec, of Statu-reco 265/258 & 269/41 325/178 8/516 8/576
			Souti, Penn Oll Company Pennzol Company Pennzol United, Inc. Pennzol Company Pennzol Products Company Pennzol Products Company Pennzol Exploration and Production Company Pennzol Exploration and Production, I.I. C. Devru Energy Production Company, I. P.	Pennzoli Company Pennzoli United, Inc. Pennzoli United, Inc. Pennzoli Products Company Pennzoli Exploration and Production Company Pennzoli Exploration and Production, L.L.C. Devon Energy Production Company, L.P. East Resources, Inc.	Assignment Cert. of Name Change Assignment Cert. of Name Change Assn. & Supp. Assn. Assignment Cert. of Morger	23/563 WV Soc. of Statu-reco 17/8/27 WV Sec. of Statu-reco 265/258 & 269/41 325/178 8/516 8/576 33/2/146
			Souti, Penn Oil Company Pennzoil Company Pennzoi Linited, Inc. Pennzoil Products Company Pennzoil Products Company Pennzoil Exploration and Production Company Pennzoil Exploration and Production, L.L. C. Devon Energy Production Company, L.P. East Resources, Inc.	Pennzoll Corapany Pennzoll United, Inc. Pennzoll Company Pennzoll Company Pennzoll Exploration and Production Company Pennzell Exploration and Production Company Pennzell Exploration and Production, L.L.C. Devon Energy Production Company, L.P. East Resources, Inc. HG Energy, LLC	Assignment Cert. of Name Change Assignment Cert. of Name Change Assn. & Supp. Assn. Assignment Cert. of Morger Gert. of Morger	23/563 WV Sec. of Statu-rec 178/221 WV Sec. of State-rec 265/258 & 269/41 325/178 8/516 8/576
	Oko Abo		Souti, Penn Oil Company Pennzoil Company Pennzoil Linited, Inc. Pennzoil Company Pennzoil Company Pennzoil Products Company Pennzoil Exploration and Production Company Pennzoil Exploration and Production, L.L. C. Devoil Energy Exploration Company, L.P East Resources, Inc. East Resources, Inc. and HG Energy, LLC	Pennzol Corapany Pennzol Urited. Inc. Pennzol Corapany Pennzol Products Company Pennzol Exploration and Production Company Pennzol Exploration and Production Company PennzEnorgy Exploration and Production, L.L.C. Devon Energy Production Company, L.P. East Resources, Inc. HG Energy, L.C. American Energy - Marcellus, LLC	Assignment Cert. of Name Change Assignment Cert. of Name Change Assn. & Supp. Assn. Assignment Cert. of Morger Gont of Morger Assignment	23/563 WV Soc. of State rec 178/221 WV Sec. of State rec 265/258 & 269/41 325/178 B/516 B/576 33/2/146
	OMO PRO	51.	Souti; Penn Oll Company Pennzol Company Pennzol United, Inc. Pennzol Company Pennzol Products Company Pennzol Exploration and Production Company Pennzol Exploration and Production Company Pennzol Energy Exploration and Production, L.L.C. Deven Energy Production Company, L.P. East Resources, Inc. East Resources, Inc. East Resources, Inc. American Energy - Marcelus, LLC American Energy - Marcelus, LLC	Pennzoll Corapany Pennzoll United, Inc. Pennzoll Company Pennzoll Company Pennzoll Exploration and Production Company Pennzell Exploration and Production Company Pennzell Exploration and Production, L.L.C. Devon Energy Production Company, L.P. East Resources, Inc. HG Energy, LLC	Assignment Cert. of Name Change Assignment Cert. of Name Change Assn. & Supp. Assn. Assignment Cert. of Morger Cert. of Morger Assignment Assignment Assignment Assignment Assignment	23/563 WV Soc. of Statu-rec 178/221 WV Sec. of Statu-rec 265/258 & 269/41 325/178 B/516 8/576 33/2/146 379/380
	mo Per	St. St.	Souti, Penn Oil Company Pennzoil Company Pennzoil United, Inc. Pennzoil Company Pennzoil Products Company Pennzoil Products Company Pennzoil Exploration and Production Company Pennzoil Exploration and Production, L. L. C. Devroi Energy Exploration Company, I. P. East Resources, Inc. East Resources, Inc. and HG Energy, LLC American Energy - Marcellus, LLC Ascent Resource - Marcellus, LLC Ascent Resources - Marcellus, LLC	Pennzol Corapany Pennzol Urited. Inc. Pennzol Corapany Pennzol Products Company Pennzol Exploration and Production Company Pennzol Exploration and Production Company PennzEnorgy Exploration and Production, L.L.C. Devon Energy Production Company, L.P. East Resources, Inc. HG Energy, L.C. American Energy - Marcellus, LLC	Assignment Cert. of Name Change Assignment Cert. of Name Change Assn. & Supp. Assn. Assignment Cert. of Morger Gent. of Morger Assignment Assignment Assignment Assignment Assignment Assignment Assignment	23/563 WV Soc. of State reco 178/221 WV Soc. of State reco 265/258 & 260/41 325/178 B/516 6/576 33/2/146 379/380 451/404
	mo Res	DI SO	Souti, Penn Oil Company Pennzoil Company Pennzoil Linted, Inc. Pennzoil United, Inc. Pennzoil Products Company Pennzoil Products Company Pennzoil Exploration and Production Company Pennzoil Exploration and Production, L. L. C. Devroil Energy Production Company, L. P. East Resources, Inc. East Resources, Inc. and HG Energy, LLC American Energy - Marcellus, LLC Assent Resources - Marcellus, LLC James H., Dawson and Margaret A, Dawson, his wife	Pennzoli Company Pennzoli United, Inc. Pennzoli Company Pennzoli Company Pennzoli Exploration and Production Company Pennzoli Exploration and Production Company Pennzoli Exploration and Production, L.L.C. Devon Energy Production Company, L.P. East Resuarces, Inc. HG Energy, LLC American Energy - Marcellus, LLC Ascont Resources - Marcellus, LLC Ascont Resources - Marcellus, LLC	Assignment Cert. of Name Change Assignment Cert. of Name Change Assn. & Supp. Assn. Assignment Cert. of Morger Gont. of Morger Assignment Assignment Assignment Assignment Assignment Assignment Assignment Assignment Affidewit of Busmess Name Change Cert. of Amend to Cert. of Authority	23/563 WV Soc. of State reco 178/221 WV Sec. of State reco 265/258 & 269/41. 325/176 B/516 B/516 B/576 332/146 378/380 451/404 499/138 9/471
	OMO PRO OFF	Mand Office D	Souti, Penn Oil Company Pennzoil Company Pennzoil United, Inc. Pennzoil Company Pennzoil Products Company Pennzoil Products Company Pennzoil Exploration and Production Company Pennzoil Exploration and Production, L. L. C. Devroi Energy Exploration Company, I. P. East Resources, Inc. East Resources, Inc. and HG Energy, LLC American Energy - Marcellus, LLC Ascent Resource - Marcellus, LLC Ascent Resources - Marcellus, LLC	Pennzoli Company Pennzoli United, Inc. Pennzoli United, Inc. Pennzoli Products Company Pennzoli Exploration and Production Company Pennzoli Exploration and Production Company PennzEnoryy Exploration and Production, L.L.C. Devon Energy Production Company, L.P. East Resources, Inc. IHG Energy, LLC American Energy - Marcellus, LLC Amont Resources - Misraflus, LLC Tribung Resources, ILLC	Assignment Cert. of Name Change Assignment Cert. of Name Change Assn. & Supp. Assn. Assignment Cert. of Morger Cert. of Morger Assignment Affidevit of Business Name Change Cert. of Amend to Cert. of Autiliority Fee Interest	23/563 WV Soc. of Statu-rec 178/221 WV Sec. of Statu-rec 265/258 & 269/41 325/178 B/516 B/576 332/146 379/380 451/404 499/138 9471 28/195
	OCT 19	DEED DEED	Souti, Penn Oil Company Pennzoil Company Pennzoil Linted, Inc. Pennzoil United, Inc. Pennzoil Products Company Pennzoil Products Company Pennzoil Exploration and Production Company Pennzoil Exploration and Production, L. L. C. Devroil Energy Production Company, L. P. East Resources, Inc. East Resources, Inc. and HG Energy, LLC American Energy - Marcellus, LLC Assent Resources - Marcellus, LLC James H., Dawson and Margaret A, Dawson, his wife	Pennzoli Corapany Pennzoli United, Inc. Pennzoli United, Inc. Pennzoli Products Company Pennzoli Products Company Pennzoli Exploration and Production Company PennzEnergy Exploration and Production, L.L.C. Devon Energy Production Company, L.P. East Resources, Inc. HG Energy, LLC American Energy - Marcellus, LLC Acont Resources - Mercellus, LLC Tribung Resources - LLC South Pann Oli Company	Assignment Cert. of Name Change Assignment Cert. of Name Change Assn. & Supp. Assn. Assignment Cort. of Morger Cort. of Morger Assignment Assignment Assignment Assignment Assignment Assignment Assignment Assignment Affidevit of Business Name Change Cert. of Amend to Cert. of Auditority Fee Ryterest Cert. of Name Change	23/563 WV Soc. of State rec 178/221 WV Sec. of State rec 265/258 & 269/41 325/178 B516 0/576 33/2/146 379/386 451/404 499/138 9/471 28/195 WV Sec. of State rec
	OCT 19	Photo Deed	Souti, Penn Oil Company Pennzoil Company Pennzoil Linited, Inc. Pennzoil Linited, Inc. Pennzoil Products Company Pennzoil Products Company Pennzoil Exploration and Production Company Pennzoil Exploration and Production, L.L. C. Devon Energy Exploration Company, L.P. East Resources, Inc. East Resources, Inc. and HG Energy, LLC American Energy - Marcellus, LLC Ascert Resources - Matcellus, LLC James H., Dawson and Margaret A, Dawson, his wite South Penn Oil Compeny	Pennzoli Company Pennzoli United, Inc. Pennzoli United, Inc. Pennzoli Company Pennzoli Exploration and Production Company Pennzoli Exploration and Production Company Pennzoli Exploration and Production, L.L.C. Devan Energy Production Company, L.P. East Resources, Inc. HG Energy, LLC American Energy - Marcellus, LLC Ascent Resources - Marcellus, LLC Tribung Resources, LLC South Penn Oil Company Pennzoli Company Pennzoli United, Inc.	Assignment Cert. of Name Change Assignment Cert. of Name Change Assignment Cert. of Morger Assignment Cert. of Morger Assignment Assignment Assignment Assignment Assignment Assignment Assignment Assignment Affidevit of Business Name Change Cert. of Amend to Cert. of Authority Fee witerest Cert. of Amend Change Assignment	23/563 WV Soc. of State rec 178/221 WV Sec. of State rec 265/258 & 266/41 325/178 8/516 8/576 33/2/146 379/386 451/404 499/138 9/471 28/193 WV Sec. of State rec 178/221
	1/20 1/20	1172	Souti, Penn Oil Company Pennzoil Company Pennzoil United, Inc. Pennzoil Company Pennzoil Products Company Pennzoil Products Company Pennzoil Exploration and Production Company Pennzoillery Exploration and Production, L.L.C. Devroit Energy Production Company, I. P. East Resources, Inc. East Resources, Inc. and HG Energy, LLC American Energy - Marcellus, LLC Ascent Resource - Marcellus, LLC James H. Dawson and Margaret A. Dawson, his wife South Penn Oil Company Pennzoil Company Pennzoil Company Pennzoil United, Inc.	Pennzoli Company Pennzoli United, Inc. Pennzoli Company Pennzoli Company Pennzoli Exploration and Production Company Pennzoli Exploration and Production Company Pennzenoryy Exploration and Production, L.L.C. Devon Energy Production Company, L.P East Resources, Inc. HG Energy, LLC American Energy, Marcollus, LLC American Energy, Marcollus, LLC Tribung Resources - Marcollus, LLC South Penn Oli Company Pennzol Company Pennzol Company Pennzol Company	Assignment Cert. of Name Change Assignment Cert. of Name Change Assignment Cert. of Morger Gent. of Morger Gent. of Morger Assignment Assignment Assignment Assignment Assignment Assignment Assignment Affidevit of Business Name Change Cert. of Amend to Cert. of Authority Fee Interest Cert. of Name Change Assignment Cert. of Name Change	23/563 WV Soc. of Statu-rec 178/221 WV Sec. of Statu-rec 265/258 & 269/41 325/178 B/516 B/576 332/146 379/386 4519/40 4599/138 9/471 28/195 WV Sec. of Statu-rec 178/221 WV Sec. of Statu-rec
	1/20 1/20	1172	Souti, Penn Oil Company Pennzoil Company Pennzoil Company Pennzoil Company Pennzoil Products Company Pennzoil Products Company Pennzoil Exploration and Production Company Pennzoil Exploration and Production, L. L. C. Devroil Energy Production Company, L. P. East Resources, Inc. East Resources, Inc. and HG Energy, LLC American Energy - Marcellus, LLC Ascent Resources - Marcellus, LLC James H. Dawson and Margaret A, Dawson, his wite South Penn Oil Company Pennzoil Company Pennzoil United, Inc. Punnzoil United, Inc. Punnzoil Company	Pennzol Corapany Pennzol United, Inc. Pennzol United, Inc. Pennzol Corapany Pennzol Products Compeny Pennzol Exploration and Production Company Pennzol Exploration and Production Company Pennzengry Exploration and Production, L.L.C. Devon Energy Production Company, L.P. East Resources, Inc. HG Energy, LLC American Energy - Marcellus, LLC Acont Resources - Mercellus, LLC Tribung Resources, LLC South Penn Oil Company Pennzol Company Pennzol Company Pennzol Company Pennzol Products Company Pennzol Products Company Pennzol Products Company	Assignment Cert. of Name Change Assignment Cert. of Name Change Assn. & Supp. Assn. Assignment Cont. of Morgor Cont. of Morgor Assignment Assignment Assignment Assignment Assignment Assignment Assignment Affidevit of Business Name Change Cert. of Amend to Cert. of Authority Fee Interest Cert. of Name Change Assignment Gent. of Name Change Assignment Gent. of Name Change	23/563 WV Soc. of State rec 178/221 WV Sec. of State rec 265/258 & 266/41 325/178 B/576 33/2146 379/380 45/1404 499/138 9/471 28/195 WV Sec. of State rec 178/221 WV Sec. of State rec 265/258 & 266/41
	100 17 m	40 ₇	Souti; Penn Oil Company Pennzoil Company Pennzoil United, Inc. Pennzoil United, Inc. Pennzoil Products Company Pennzoil Products Company Pennzoil Products Company Pennzoil Products Company Pennzoil Production and Production, L.L.C. Deven Energy Production Company, I.P. East Resources, inc. East Resources, inc. East Resources, inc. Cascum Resources, Marcellus, LLC Asseut Resources - Marcellus, LLC James H. Dawson and Margaret A. Dawson, his wife South Penn Oil Company Pennzoil Company Pennzoil United, Inc. Pennzoil Company Pennzoil Products Company Pennzoil Products Company Pennzoil Products Company	Pennzoli Company Pennzoli United, Inc. Pennzoli Company Pennzoli Company Pennzoli Exploration and Production Company Pennzoli Exploration and Production Company Pennzoli Exploration and Production LL.C. Devon Energy Production Company, L.P. East Resuarces, Inc. HG Energy, LLC American Energy - Marcellus, LLC American Energy - Marcellus, LLC Tribung Resources, LLC South Pennzoli Company Pennzoli Company Pennzoli Company Pennzoli Company Pennzoli Products Company Pennzoli Exploration and Production Company Pennzol Exploration and Production Company	Assignment Cert. of Name Change Assignment Cert. of Name Change Assignment Cert. of Morger Assignment Cort. of Morger Assignment Assignment Assignment Assignment Assignment Assignment Assignment Assignment Assignment Cert. of Amend to Cert. of Authority Fea Interest Cert. of Name Change Assignment Gert. of Name Change Assignment Cert. of Name Change Assignment Cert. of Name Change Assignment Assignment Assignment	23/563 WV Soc. of State reco 178/221 WV Sec. of State reco 265/258 & 269/41 325/178 B516 B576 33/2146 379/380 451/404 499/138 9/471 28/195 WV Sec. of State reco 178/221 WV Sec. of State reco 265/258 & 266/41 325/178
	100 17 m	40 ₇	Souti; Penn Oil Company Pennzoil Company Pennzoil United, Inc. Pennzoil United, Inc. Pennzoil Products Company Pennzoil Products Company Pennzoil Products Company Pennzoil Exploration and Production Company Pennzoil Exploration and Production, U. C. Devroi Energy Exploration Company, I. P. East Resources, Inc. East Resources, Inc. East Resources, Inc. C. Ascent Resources - Marcelus, U.C. Ascent Resources - Marcelus, U.C. James H. Dawson and Margeret A. Dawson, his wite South Penn Oil Compeny Pennzoil Company Pennzoil United, Inc. Punnzoil Company Pennzoil Products Company Pennzoil Products Company Pennzoil Products Company Pennzoil Exploration and Production Company	Pennzoli Company Pennzoli United, Inc. Pennzoli Company Pennzoli Company Pennzoli Exploration and Production Company Pennzoli Exploration and Production Company Pennzoli Exploration and Production, L.L.C. Devon Energy Production Company, L.P. East Resources, Inc. HG Energy, LLC American Energy - Marcellus, LLC American Energy - Marcellus, LLC Tribune Resources - Marcellus, LLC Tribune Resources - LLC South Penn Oli Company Pennzoli Exploration and Production Company Pennzoli Exploration and Production Company Pennzolinegy Exploration and Production, LL, C.	Assignment Cert. of Name Change Assignment Cert. of Name Change Assignment Cert. of Morger Assignment Cert. of Morger Cert. of Morger Assignment Assignment Assignment Assignment Assignment Assignment Affidevit of Business Name Change Cert. of Amend to Cert. of Authority Fee interest Cert. of Name Change Assignment Gert. of Name Change Assignment Gert. of Name Change Assignment Gert. of Name Change Assignment Cert. of Name Change	23/563 WV Soc. of State reco 178/221 WV Soc. of State reco 265/258 & 269/41; 325/178 B/516 B/576 332/146 378/380 451/404 499/138 9/471 28/195 WV Soc. of State reco 178/221 WV Soc. of State reco 265/258 & 269/417 325/178 B/516
	100 17 m	1172	Souti; Penn Oil Company Pennzoil Company Pennzoil United, Inc. Pennzoil United, Inc. Pennzoil Products Company Pennzoil Products Company Pennzoil Products Company Pennzoil Products Company Pennzoil Production and Production, L.L.C. Deven Energy Production Company, I.P. East Resources, inc. East Resources, inc. East Resources, inc. Cascum Resources, Marcellus, LLC Asseut Resources - Marcellus, LLC James H. Dawson and Margaret A. Dawson, his wife South Penn Oil Company Pennzoil Company Pennzoil United, Inc. Pennzoil Company Pennzoil Products Company Pennzoil Products Company Pennzoil Products Company	Pennzoli Company Pennzoli United, Inc. Pennzoli Company Pennzoli Company Pennzoli Exploration and Production Company Pennzoli Exploration and Production Company Pennzoli Exploration and Production LL.C. Devon Energy Production Company, L.P. East Resuarces, Inc. HG Energy, LLC American Energy - Marcellus, LLC American Energy - Marcellus, LLC Tribung Resources, LLC South Pennzoli Company Pennzoli Company Pennzoli Company Pennzoli Company Pennzoli Products Company Pennzoli Exploration and Production Company Pennzol Exploration and Production Company	Assignment Cert. of Name Change Assignment Cert. of Name Change Assignment Cert. of Morger Assignment Cort. of Morger Assignment Assignment Assignment Assignment Assignment Assignment Assignment Assignment Assignment Cert. of Amend to Cert. of Authority Fea Interest Cert. of Name Change Assignment Gert. of Name Change Assignment Cert. of Name Change Assignment Cert. of Name Change Assignment Assignment Assignment	23/563 WV Soc. of State reco 178/221 WV Sec. of State reco 266/258 & 269/41 325/178 B516 B576 33/2/146 379/380 451/404 499/138 9/471 28/195 WV Sec. of State reco 178/221 WV Sec. of State reco 265/258 & 266/41 325/178

_				Is a B	14	1 4	451/475
⊢				East Resources, Inc. and HG Energy, LLC	American Energy - Marcollus, LLC Ascent Rescurces - Marcollus, LLC	Assignment Aff. Of Name Change	9/421
ŀ				American Energy - Marcellus, LLC Ascent Resources - Marcellus, LLC	Ascent Rescures Mercellus Minerals, LLC	Guitclaim Mineral Doed	520/782
ŀ				Ascent Resources Marcelus Minerals, LLC	Tribune Resources Minerals, LLC	Cert. of Amendment	9/464
τŀ	12	05-08-01	MARC02996-000	W. V. Hoge, executor of the Issac Hoge Esiste	Urlah Stackpole	Fee Interest	18/599
ነ Ի	12	05-08-01	MARC02996-000 L		South Penn Oil Company		28/211
_ -				Urieh Stackpole and A. B. Stackpole, his wife		Deed	
ŀ				Unah Stackpole and A. B. Stackpole, his wife	L. R. Loomis	Dead	30/205
H				L. R. Loomis and Belle Loomis, his wife South Penn Oil Company	South Penn Oil Company South Penn Natural Gos Company	Desd	35/269 114/1
- 1-				\$	· · · · · · · · · · · · · · · · · · ·	Dust	
1-				South Penn Natural Gas Company	South Penn Oil Company	Doed	151/516
-				South Penn Oil Company	Pennzoli Company	Cert, of Name Change	WV Sec. of State record
L				Pennzoil Company	Pennzoii United, Inc.	Deed	178/221
-				Pennzoil United, Inc.	Pennzoil Company	Cert. of Name Change	WV Sec. of State record
⊢				Pennzoil Company	Pennzoli Products Company	Assn. & Supp. Assn.	265/258 & 269/417
_ L				Penrszeli Products Company	Pennzoil Exploration and Production Company	Assignment	325/178
L				Pennzoil Exploration and Production Company	PermutEnergy Exploration and Production, L.L.C.	Cert, of Merger	8/516
L				PennzEnergy Exploration and Production, L.L.C.	Devon Energy Production Company, L.P.	Cert, of Merger	8/576
L				Deven Energy Production Company, L.P.	East Resources, Inc.	Assignment	332/146
L				East Resources, Inc.	HG Energy, LLC	Deed	379/410
				East Resources, Inc. and HG Energy, LLC	American Energy - Mercellus, LLC	Assignment	451/475
L				American Energy - Marcellus, LLC	Ascent Resources - Mercellus, LLC	Aff. Of Name Change	9421
Ĺ				Ascent Resources - Marcellue, LLC	Ascent Resources Marcellus Minerets, LLC	Quitdain Mneral Deed	520/782
C			·	Ascent Resources Marcellus Minerals, LLC	Tribune Resources Minerals, LLC	Cert. of Amendment	9/464
μĹ	13	05-25-18	MARC00744-090	William Fluharty and Martha Fluharty, his wife	S. A. Smith	1/6	47/89
' [S. A. Smith	South Penn Oil Company	Assignment	47/92
				South Penn Oil Company	South Penn Natural Gas Company	Assignment	33A455
				South Penn Natural Gas Company	South Penn Oil Company	Assignment	215/478
				Soulli Penn Oll Company	Pennzoii Company	Cart. of Name Change	WV Sec. of State record
[Pennzoii Company	Pennzoil United, Inc.	Assignment	246/491
Г				Pennzoil United, Inc.	Pennzoli Company	Cert, of Name Change	WV Sec. of State record
Г				Penizoii Company	Pennzoll Products Company	Assn. & Supp. Assn.	319/397 & 322/577
ľ				Pennzoil Products Company	Pennzoil Exploration and Production Company	Assignment	363/384
			-	Persized Exploration and Production Company	PenngEnergy Exploration and Production, L.L.C.	Cert, of Merger	12/177
				PermzEnergy Exploration and Production, L.L.C.	Devon Energy Production Company, L.P.	Cert, of Merger	12/278
ľ				Devon Energy Production Company, L.P.	East Resources, Inc.	Assignment	370/580
- 1				East Resources, Inc.	HG Energy, LLC	Assignment	118A/252
_				East Resources, Inc. and HG Energy, LLC	American Energy • Marcellus, LLC	Assignment	153A73F
_ h				American Energy - Marcellus, LLC	Ascent Resources - Marcellus, LLC	Cert, of Amendment	13/304
F				Ascent Resources - Marcellus, LLC	Tribune Resources, LLC	Cart, of Amend to Cert, of Authority	13/421
-			DEED	William Fluharty, et al	South Parks Oil Company	Fee Interest	49/133
-				South Fenn Oil Company	Pennzoii Company	Cert. of Marrie Change	WV Sec. of State record
-				Pennzol Company	Pennzoil United, Inc.	Assignment	246/491
- t				Ponozoii United, Inc	Penrizoli Company	Cert, of Name Change	WV Sec. of State record
F				Pennzoil Company	Pennzoil Products Company	Asan. & Supp. Asan.	319/397 & 322/577
1		·····		Pennzod Products Company	Pannzoil Exploration and Production Company	Assignment	363/384
r				Pennzoil Exploration and Production Company	PennzEnergy Exploration and Production, L.L.C.	Cert, of Merger	12/177
1				PonzEnergy Exploration and Production, L.L.C.	Davon Energy Production Company, L.P.	Cert, of Merger	12/278
H				Deven Energy Production Company, L.P.	East Resources, Inc.	Assignment	370/580
H		Ope. Ac.		East Resources, Inc.	HG Energy, LLC	Doed	424/256
-			QV.	East Resources, Inc. and HG Energy, LLC	American Energy - Marcellus, LLC	Deed	440/540
⊢			W-50	American Energy - Marcellus, LLC	Ascent Resources - Marcellus, LLC	Cert. of Amendment	13/304
r	_	- 00 7 7 2	Mano Gas	Ascent Resources - Marcellus, LLC file American Energy - Marcellus	Ascent Ruer arces Mercellus Minerals, LLC	Outclaim Mineral Deed	448/247
⊢	~	Wa.	100	Ascent Resources Marcellus Minerals, LLC	Tribune Resources Minerals, LLC	Cert. of Amendment	13/427
1 _ h	14	My Office 16 Tr 1	AARC03689-001	Norval Wright and Jane Wright, husband and wife	SA Smith	1/8	47/239
~⊦		אורם מתור		BA Smith	South Penn Oil Company	Assignment	Unrecorded
۲	~	10/1/0) /	South Penn Of Company	Pennzoi Compeny	Cort. of Name Change	WV Sec. of State recor
<u> </u>		~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	- 9/	Pennzui Company	Permacil United, Inc.	Assignment	246/491
-			- VOD	Pennzoi United, Inc.	Pennizoil Company	Cert. of Name Change	WV Sec. of State recor
H				Pennizul Company	Panyzoil Products Company	Assn & Supp. Assn.	319/397 & 322/577
⊢				Pennzoil Products Company	Pennzol Exploration and Production Company	Assignment	363/384
			·	Pennzol Products Company Pennzol Exploration and Production Company	PennzEnergy Exploration and Production, L.L.C.	Cert, of Morger	12/177
F				PennzEnergy Exploration and Production, L.L.C.	Devon Energy Production Company, L.P.	Cert. of Merger	12/278

1				Devon Energy Production Company, L.P.	East Resources, Inc.	Assignment	370/580
\vdash	_			East Resources, Inc.	HG Energy, LLC	Assignment	118A/253
\vdash				East Resources, Inc. and HG Energy, LLC	Ascent Resources - Marcellus, LLC	Assignment	171A/893
\vdash				Ascent Resources - Marcellus, LLC	Tribune Resources, LLC	Cert. of Amend to Cert. of Authority	
_							13/421
\vdash	_		DEED	Norval Wright and Jane Wright, husband and wife	South Penn Oil Company	Fee Interest	49/118
_				South Penn Oil Company	Pennzoii Company	Cert. of Name Change	WV Sec. of State reco
_				Pennzoil Company	Pennzoil United, Inc.	Assignment	246/491
				Pennzoil United, Inc.	Pennzoii Company	Cert, of Name Change	WV Sec. of State reco
				Pennzoil Company	Pennzoil Products Company	Assn. & Supp. Assn.	319/397 & 322/577
				Pennzoil Products Company	Pennzeil Exploration and Production Company	Assignment	363/384
				Pennzeit Exploration and Production Company	PennzEnergy Exploration and Production, L.L.C.	Cert. of Merger	12/177
				PennzEnergy Exploration and Production, L.L.C.	Devon Energy Production Company, L.P.	Cert. of Merger	12/278
				Devon Energy Production Company, L.P.	East Resources, Inc.	Assignment	370/580
				East Resources, Inc.	HG Energy, LLC	Deed	424/25€
				East Resources, Inc. and HG Energy, LLC	American Energy - Marcellus, LLC	Deed	440/540
_				American Energy - Marcellus, LLC	Ascent Resources - Marcellus, LLC	Cert. of Amendment	13/304
\vdash				Ascent Resources - Marcellus, LLC fka American Energy - Marcellus	The control of the co	Date of Fatherighton	100004
				LLC	Ascent Resources Marcellus Minerals, LLC	Quitclaim Mineral Deed	448/247
\vdash				Ascent Resources Marcellus Minerals, LLC	Tribune Resources Minerals, LLC	Cert. of Amendment	13/427
	15 p/o 05-2	-16 Tr 2 N	ARC03689-001	Norval Wright and Jane Wright, husband and wife	SA Smith	1/8	47/239
\vdash				SA Smith	South Penn Oil Company	Assignment	Unrecorded
\vdash				South Penn Oil Company	Pennzoll Company	Cert. of Name Change	WV Sec. of State reco
\vdash				Pennzoil Company	Pennizoil United, Inc.	Assignment	246/491
\vdash	_			Pennzoii United, Inc.	Pennzoii Gimpany	Cert. of Name Change	WV Sec. of State reco
\vdash				Pennzoil Company	Pennzoli Products Company	Assn. & Supp. Assn.	319/397 & 322/577
⊢				Pennzoil Products Company	Penrizoil Exploration and Production Company		363/384
⊢						Assignment	
-				Pennzoil Exploration and Production Company	PennzEnergy Exploration and Production, L.L.C.	Cort. of Merger	12/177
-	_			PennzEnergy Exploration and Production, L.L.C.	Devon Energy Production Company, L.P.	Cert. of Merger	12/278
-				Devon Energy Production Company, L.P.	East Resources, Inc.	Assignment	370/590
⊢				East Resources, Inc.	HG Energy, LLC	Assignment	118A/253
				East Resources, Inc. and HG Energy, LLC	Ascent Resources - Marcellus, LLC	Assignment	171A/893
_				Ascent Resources - Marcellus, LLC	Tribune Resources, I.I.C	Cert. of Amend to Cert. of Authority	13/421
			DEED	Norval Wright and Jane Wright, husband and wife	South Penn Oil Company	Fee Interest	49/118
				South Penn Oil Company	Pennzoil Company	Cert. of Name Change	WV Sec. of State recor
				Pennzoit Company	Pennzoil United, Inc.	Assignment	246/491
				Pennzoil United, Inc.	Pennzoil Company	Cert. of Name Change	WV Sec. of State recor
				Pennzoil Company	Pennzoil Products Company	Assn. & Supp. Assn.	319/397 & 322/577
				Pennzoil Products Company	Pennzoil Exploration and Production Company	Assignment	363/384
-				Pennzoil Exploration and Production Company	PennzEnergy Exploration and Production, L.L.C.	Cert. of Merger	12/177
_				PennzEnergy Exploration and Production, L.L.C.	Devon Energy Production Company, L.P.	Cert of Merger	12/278
-				Devon Energy Production Company, L.P.	East Resources, Inc.	Assignment	370/580
\vdash				East Resources, Inc.	HG Energy, LLC	Deed	424/256
_				East Resources, Inc. and HG Energy, LLC	American Energy - Marcellus, LLC	Dead	440/540
\vdash					Ascent Resources - Marcellus, LLC	Cert. of Amendment	
\vdash				American Energy - Marcellus, LLC Ascent Resources - Marcellus, LLC fka American Energy - Marcellus	Asceni Resources - Marcellus, LLC	Cert. or Amendment	13/304
				LLC	Ascent Resources Marcellus Minerals, LLC	Quitclaim Mineral Deed	448/247
\vdash				Ascent Resources Marcellus Minerals, LLC	Tribune Resources Minerals, LLC	Cert. of Amendment	13/427
\vdash	16 05-2		IARC01099-001	George P Hoge, Jr	Pennzoii Company	1/8	65A/604
⊢	16 05-2	2-6 N	1ARC01099-001		Pennzoil United, Inc.		246/491
-	_			Pennzoil Company		Assignment	91.7 (84.7 (87.7
-				Pennzoil United, Inc.	Perinzoil Company	Cert. of Name Change	WV Sec, of State reco
-				Pennzoil Company	Pennzoil Products Company	Assn. & Supp. Assn.	319/397 & 322/577
-				Pennzoil Products Company	Pennzoil Exploration and Production Company	Assignment	363/384
_		m Dr		Pennzoil Exploration and Production Company	PennzEnergy Exploration and Production, L.L.C.	Cert. of Merger	12/177
		TOO SCO		PennzEnergy Exploration and Production, L.L.C.	Devon Energy Production Company, L.P.	Cert. of Merger	12/278
		ONO	7	Devon Energy Production Company, L.P.	East Resources, Inc.	Assignment	370/580
	1 0	n "an	2	East Resources, Inc.	HG Energy, LLC	Assignment	118A/253
		1 2	Gan	East Resources, Inc. and HG Energy, LLC	American Energy - Marcellus, LLC	Assignment	153A/238
	1.	17 2	-6	American Energy - Marcellus, LLC	Ascent Resources - Marcellus, LLC	Affidavit of Business Name Change	13/304
Г	Shirt	377	22	Ascent Resources - Marcellus, LLC	Tribune Resources, LLC	Cert, of Amond to Cert, of Authority	13/421
	Wone	2730	DEED	Richard H. Hoge and Maxine M. Hoge, his wife	Pennzoil Company	Fee Interest	306/415
	4776	DE TOTAL		Pennzoil Company	Pennzoil Products Company	Assn, & Supp. Assn.	319/397 & 322/577
		DIN AID		Pennzoil Products Company	Pennzoil Exploration and Production Company	Assignment	363/384
-		elecutor,		Pennzoil Exploration and Production Company	PennzEnergy Exploration and Production, L.L.C.		
				Pennyol Exploration and Production Company		Cert. of Merger	12/177

	PennzEnergy Exploration and Production, L.L.C.	Devon Energy Production Company, L.P.	Cert. of Merger	12/278
	Devon Energy Production Company, L.P.	East Resources, Inc.	Assignment	370/580
	East Resources, Inc.	HG Energy, LLC	Deed	424/256
	East Resources, Inc. and HG Energy, LLC	American Energy - Marcellus, LLC	Deed	440/540
	American Energy - Marcellus, LLC	Ascent Resources - Marcellus, LLC	Cert. of Amendment	13/304
	Ascent Resources - Marcellus, LLC fice American Energy - Marcellus			10.00
	Iπc	Ascent Resources Marcellus Minerals, LLC	Quitcisim Mineral Deed	448/247
<u></u>	Ascent Resources Marcellus Minerals, LLC	Tribune Resources Minerals, LLC	Cert, of Amendment	13/427

Office of Oil and Gas

OCT 17 2022

Environmental Protection

WW-6A Notice of Application BFT NORTH MCLRY TY 1H, 3H, 5H and 7H BFT SOUTH MCLRY TY 2H, 4H, 6H and 8H

Surface Ownership								
Name	Address	City	ST	ZIP				
State of WV Public Land Corp. Dept. Of Comm. LBR. &								
Envir. DNR	324 Fourth Avenue	South Charleston	WV	25303				
WV Dept, of Natural Resources Commerce Division	324 Fourth Avenue	South Charleston	WV	25303				

Coal Ownership							
Name	Address	City	ST	ZIP			
NONE							

NONE

Water Ownership							
Name	Address	City	ST	ZIP			
Jerry L. Walters	17 Stackpole Run Road	Jacksonburg	WV	26377			

JUL 26 2024

WV Department of Environmental Protection

RECEIVED
Office of Oil and Gas

API NO. 47-095 - 02	835
OPERATOR WELL NO	BFT 5H
Well Pad Name: BFT Pad	

STATE OF WEST VIRGINIA

DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

VOLUNTARY STATEMENT OF NO OBJECTION

Instructions to Persons Named on Page WW-6A

The well operator named on page WW-6A is applying for a permit from the State of West Virginia to conduct oil or gas well work. Well work permits are valid for twenty-four (24) months. Please contact the listed well operator and the Office of Oil and Gas if you do not own any interest in the listed surface tract.

Comment and Waiver Provisions

Pursuant to West Virginia Code § 22-6A-11(a), all persons described in subsection (b), section ten of this article may file written comments with the secretary as to the location or construction of the applicant's proposed well work within thirty days after the application is filed with the secretary.

Pursuant to West Virginia Code § 22-6A-8(b) No permit may be issued less than thirty days after the filing date of the application for any well work except plugging or replugging; and no permit for plugging or replugging may be issued less than five days after the filing date of the application except a permit for plugging or replugging a dry hole: *Provided*, That if the applicant certifies that all persons entitled to notice of the application under the provisions of subsection (b), section ten of this article have been served in person or by certified mail, return receipt requested, with a copy of the well work application, including the erosion and sediment control plan, if required, and the well plat, and further files written statements of no objection by all such persons, the secretary may issue the well work permit at any time.

VOLUNTARY STATEMENT OF NO OBJECTION

I,					amed on Page WW-6A and the associated	
					olication for a Well Work Permit on Form	
					the erosion and sediment control plan, it	
	the well plat, all for proposed well work of				F00007 2	
State:	W	— UTM NAI	1) X 4	Easting:	526687.3	
County: District:	TYLER McELROY	Public Road Access: Generally used farm name:		-	CR 13/8	
	CENTER POINT					
Watershed:	OUTLET MIDDLE ISLAND CREEK			in nume.		
*Please check	the box that applies		FOR	EXECUTI	ON BY A NATURAL PERSON	
SURFACE OWNER		el est				
E SURFACE OWNER		Signature:				
☐ SURFACE OWNER (Road and/or Other Disturbance)		Print Name: Brett W. McMillion Date: July 23, 2024				
☐ SURFACE OWNER (Impoundments/Pits)						
☐ COAL OWNER OR LESSEE		FOR EXECUTION BY A CORPORATION, ETC. Company:				
☐ COAL OPERATOR		By:				
□ WATER	PURVEYOR					
☐ OPERATOR OF ANY NATURAL GAS STORAGE FIELD			Signature: Date:			

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

JUL 26 2024