

#### 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

Tuesday, August 20, 2024 PERMIT MODIFICATION APPROVAL Horizontal 6A / New Drill

HG ENERGY II APPALACHIA, LLC 5260 DUPONT ROAD

PARKERSBURG, WV 26101

Re:

Permit Modification Approval for BARNES 1223 S-9H

47-017-06977-00-00

Lateral Extension

#### HG ENERGY II APPALACHIA, 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.

Operator's Well Number: BARNES 1223 S-9H

Farm Name: MARILYN BARNES, et al

U.S. WELL NUMBER: 47-017-06977-00-00

Horizontal 6A New Drill

Date Modification Issued: 08/20/2024

Promoting a healthy environment.

API NO. 47- 017 - 06977

OPERATOR WELL NO. Barnes 1223 S-9H
Well Pad Name: Barnes 1223

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

1) Well Operator: HG Energy II A	ppalachia, 📙	494519932	Doddridge	Cove	Vadis 7.5'
-		Operator ID	County	District	Quadrangle
2) Operator's Well Number: Barne	s 1223 S-9H	Well Pad	Name: Barne	s 1223	
3) Farm Name/Surface Owner: Ba	rnes	Public Road	d Access: SLS	S 29	9
4) Elevation, current ground: 132	29' Ele	evation, proposed p	oost-construction	on: 1335'	0
5) Well Type (a) Gas x	Oil	Unde	rground Storag	ge	
Other					
(b)If Gas Shallov		Deep			
Horizo	ntal X				
6) Existing Pad: Yes or No No	1// 1.11	1.00.1.1	15 15		
<ol> <li>Proposed Target Formation(s), D Marcellus at 7129' to 7212' and 83</li> </ol>	* N 765	•	2 <del>4</del> 3	essure(s):	
		7 introlpated pressu	10 at 40 14#.		
8) Proposed Total Vertical Depth:	7210'				
9) Formation at Total Vertical Dept	h: Marcellus				
10) Proposed Total Measured Deptl	n: 31,355'				
11) Proposed Horizontal Leg Lengt	h: 23,500'				
12) Approximate Fresh Water Strat	a Depths:	150', 220', 339'	***************************************		
13) Method to Determine Fresh Wa	ter Depths: N	Nearest offset wel	l data, (47-017	7-02490,47	7-017-02542, 2780)
14) Approximate Saltwater Depths:	NA	* 5			
15) Approximate Coal Seam Depth	s: 153'-158',	428'-438' (Surface	e Casing is bei	ng extende	ed to cover the coal)
16) Approximate Depth to Possible	Void (coal mi	ne, karst, other): _	None		
17) Does Proposed well location co directly overlying or adjacent to an		ns Yes	No	Χ	
	ame:			RECEIVE Office of Oil a	ED and Gas
	epth:			AUG 9	2024
S	eam:			Wv Departr	mont of
	(			TANK TENNESTEE	HEIL OF

OPERATOR WELL NO. Barnes 1223 S-9H
Well Pad Name: Barnes 1223

18)

Kind:

Sizes:

Depths Set:

### 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	20"	New	LS	94	120'	120'	Drilled In
Fresh Water	13.375"	NEW	J-55 BTC	54.5	1300'	1300'	40% excess, yield =1.18,CTS
Coal							
Intermediate	9 5/8"	NEW	N-80 BTC	40	6120'	6120'	Lead - 40% excess, Tail - 0% Excess
Production	5 1/2"	NEW	P-110 HP	23	31355'	31355'	Lead - Yield = 1.19, Tail - yield = 1.94
Tubing							
Liners							

TYPE	Size (in)	Wellbore Diameter (in)	<u>Wall</u> <u>Thickness</u> <u>(in)</u>	Burst Pressure (psi)	Anticipated  Max. Internal  Pressure (psi)	Cement Type	Cement Yield (cu. ft./k)
Conductor	20"	20"	.438				Drilled In
Fresh Water	13 3/8"	17 1/2"	.380	2730	1200	Type 1, Class A	30 % excess yield = 1.20, CTS
Coal							
Intermediate	9 5/8"	12 1/4"	.395	5750		Type 1/Class A	40% excess yield = 0% Excess Lead 40
Production	5 1/2"	8 1/2"	.415	16240	12500	Type 1/ClassA	20% excess yield = 1,19, tail yield 1.94 (
Tubing							
Liners							

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WV Department of Environmental Protection

API NO. 47- 017 - 06977

OPERATOR WELL NO. Barnes 1223 S-9H

Well Pad Name: Barnes 1223

19)	Describe proposed we	ell work, includir	g the drilling and	nlugging back o	f any pilot hole:
/	zeserice proposed iii		D		

Drill the vertical depth to the Marcellus at an estimated total vertical depth of approximately 7210'. Drill horizontal leg to an estimated 23,500' lateral length, 31,355' TMD. Hydraulically fracture, stimulate and be capable of producing from the Marcellus Formation. Should we encounter an unanticipated void in the coal, we will install a minimum of 20' of casing below the void but not more than 100' below the void, set a basket and grout to surface.

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

The stimulation will be completed with multiple stages divided over the lateral length of the well. Stage spacing is dependent upon engineering design. Slickwater fracturing technique will be utilized on each stage using sand, water, and chemicals. Maximum pressure not to exceed 12,500 psi.

- 21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 51.82 acres
- 22) Area to be disturbed for well pad only, less access road (acres): 6.11 acres

23) Describe centralizer placement for each casing string:

No centralizers will be used with conductor casing.

Freshwater - Bow Spring on every other joint.

Intermediate - Bow Spring on first 2 joints then every third joint to 100' from surface

Production - Run 1 spiral centralizer every 5 joints from the top of the curve to surface. Run 1 spiral centralizer every 3 joints from the 1st 5.5" long joint to the top of the curve.

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

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Conductor -N/A, Casing to be drilled in w/ Dual Rotary Rig.

Fresh Water - "15.6 ppg Class A Neat 94#/sk40% ExcessYield=1.18 / CTS"

Intermediate - "Lead: 15.4 ppg PNE-1 + 2.5% bwoc CaCl40% Excess / Tail: 15.9 ppg PNE-1 + 2.5% bwoc CaCl zero% Excess. CTS"

Production - "Lead: 14.5 ppg POZ:PNE-1 + 0.3% bwoc R3 + 1% bwoc EC1 + 0.75 gallsk FP13L + 0.3% bwoc MPA170Tail: 14.8 ppg PNE-1 + 0.35% bwoc R3 + 0.75 gallsk FP13L + 50% bwoc ASCA1 + 0.5% bwoc MPA17020% ExcessLead Yield=1.19Tail Yield=1.94CTS\*

25) Proposed borehole conditioning procedures:

Conductor - Ensure the hole is clean at TD.

Fresh Water - Once casing is at setting depth, circulate a minimum of one hole volume with Fresh Water prior to pumping cement.

Intermediate - Once casing is at setting depth, Circulate and condition mud at TD. Circulate a minimum of one hole volume prior to pumping coment.

Production - Once on bottom/TD with casing, circulate at max allowable pump rate for at least 2x bottoms up, or until returns and pump pressures indicate the hole is clean. Circulate a minimum of one hole volume prior to pumping cerein

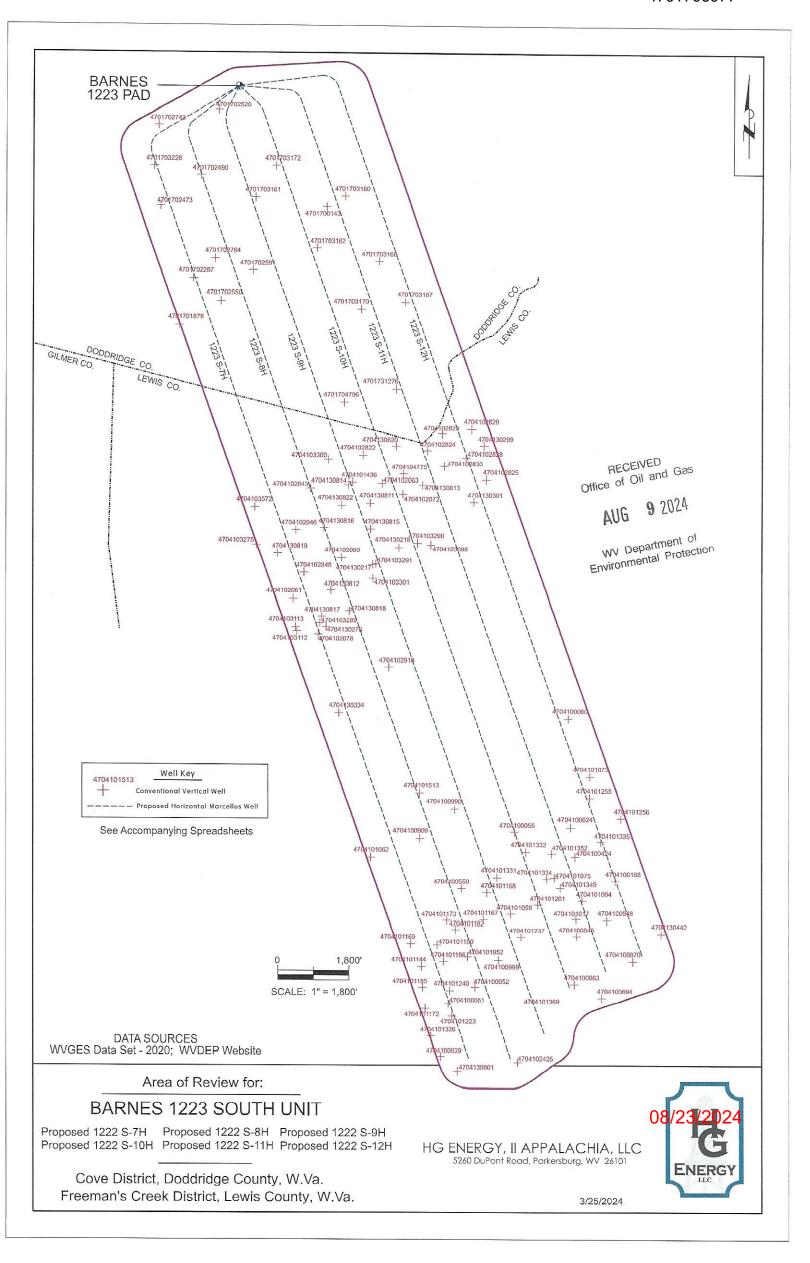
<sup>\*</sup>Note: Attach additional sheets as needed.



### 1223 S-9H

### Marcellus Shale Horizontal Doddridge County, WV

					1223 5	6-9H SH	łL	14	1204576.12N 17205	72.18E
Ground Elevation		1329	,		1223	S-9H LI	Р	14	202892.93N 17205	76.89E
Azm		160.57	′4°		1223 9	8-9H BH	<b>i</b> L	14	180739.51N 17283	89.72E
WELLBORE DIAGRAM	HOLE	CASING	GEOLOGY	ТОР	BASE	MUD	CEMENT	CENTRALIZERS	CONDITIONING	COMMENTS
X X X	20"	20"				AIR	N/A, Casing to be drilled in w/ Dual Rotary Rig	N/A	Ensure the hole is clean at TD.	Surface casing = 0.438" w
x		94# LS	Conductor	0	120		III W/ Dual Rolary Rig		ID.	tilickiless
			Coal	580					Once casing is at setting	
		13-3/8" 54.5#	Coal	610			15.6 ppg Class A Neat 94#/sk	Bow Spring on every	depth, Circulate and condition at TD. Circulate a	Intermediate casing = 0.38
	17.5"	J-55 BTC	Coal	900		AIR	40% Excess	other joint	minimum of one hole	wall thickness Burst=2730 psi
			Fresh Water Protection	0	1300		Yield=1.18 / CTS		volume prior to pumping cement.	Buist-2700 psi
x			Little Lime/Big Lime	2290/2345	2305/2401					
			Big Injun/Gantz	2401/2755	2495/2785					
			50 Foot/Gordon	2861/3042	2903/3122		Lead: 15.4 ppg PNE-1 +		Once casing is at setting	
x   x			Fifth	3213	3263	AIR / KCL	2.5% bwoc CaCl	Bow Spring on first 2	depth, Circulate and	Intermediate casing = 0.39
	12.25"	9-5/8" 40# N-80 BTC	Bayard	3286	3311	Salt	40% Excess / Tail: 15.9 ppg PNE-1 + 2.5% bwoc	joints then every third joint to 100' form	condition mud at TD. Circulate a minimum of one	wall thickness Burst=5750 psi
x x			Warren/Speechley	3594/3807	3629/3842	Polymer	CaCl zero% Excess. CTS	surface	hole volume prior to pumping cement.	Burst=3750 psi
			Benson / Alexander	5213 / 5474	5346 / 5604		Zelo% Excess. C15		pumping cement.	
x		III	Intermediate	0	TVD: 6063' MD: 6120' Inc. 14 deg.					
×	8.75"					AIR / 9.0ppg SOBM	<u>Lead</u> : 14.5 ppg POZ:PNE-1 + 0.3%	Run 1 spiral centralizer every 5 joints from the top of the curve to surface.		
Dr.			Rhinestreet	6431	6719		bwoc R3 + 1% bwoc EC1 + 0.75 gal/sk FP13L		Once on bottom/TD with	
Office of Oil and Gas			Cashaqua	6719	6864		+ 0.3% bwoc MPA170 Tail: 14.8 ppg PNE-1 +		casing, circulate at max allowable pump rate for at	Production casing = 0.415
x x q qas		5-1/2" 23#	Middlesex	6864	6943	11.5ppg-	0.35% bwoc R3 + 0.75		least 2x bottoms up, or until	wall thickness Burst=16240 psi
Z1/1020 EEEE	8.5" Curve	P-110 HP	West River	6943	7012	12.5ppg	gal/sk FP13L + 50% bwoc ASCA1 + 0.5%		returns and pump pressures indicate the hole is clean.	Note:Actual centralizer
9 2024		TXP / W461	Burkett	7012	7053	SOBM	bwoc MPA170	Run 1 spiral centralizer every 3 joints from the	Circulate a minimum of one	schedules may be change due to hole conditions
			Tully Limestone	7053	7078		20% Excess Lead Yield=1.19	1st 5.5" long joint to the	hole volume prior to pumping cement.	
Ironment I e			Hamilton	7078	7129		Tail Yield=1.94	top of the curve.		
Visonmenial Protection			Marcellus	7129	7212	11.5ppg-	CTS			
	8.5" Lateral		TMD / TVD (Production)	31354	7210	12.5ppg SOBM				
[X]   XL	X		Onondaga	7212 X		V.		<b>V</b>	X	Y
LP @ 7210' T\		<b>^</b>		8.5" Hole - Cemented 5-1/2" 23# P-110 HP	d Long String	A			0' ft Lateral	TD @ +/-7210' TVD +/-31354' MD
			X							



#### EXISTING WELLS LOCATED WITHIN THE AREA OF REVIEW FOR:

### BARNES 1223 SOUTH UNIT AND PROPOSED WELLS S-7H, S-8H, S-9H, S-10H, S-11H, & S-12H

СТ	API	COUNTY	FARM	OPERATOR NAME	FORMATION NAME	WELLTYPE	TVD	STATUS	LATITUDE	LONGITUDE
1	4701700143	Doddridge	Chapman & Spray	McCall Drilling Co.	Price Fm & equivs	Dry w/ Oil Show	2375	PLUGGED	39.106734	-80.709358
2	4701701878	Doddridge	S L Gray	Ross & Wharton Gas Co., Inc.	Gantz	Oil and Gas	2504	PLUGGED	39.098560	-80.722490
3	4701702287	Doddridge	S L Gray	Charity Gas Inc.	Gordon	Gas	2440	ACTIVE	39.101835	-80.721236
4	4701702473	Doddridge	Geo Adrian	Deran Resources, Inc.	Price Fm & equivs	Gas	2224	ACTIVE	39.106809	-80.724153
5	4701702490	Doddridge	Lelia B Cole	Deran Resources, Inc.	Big Injun (Grnbr)	not available	-	ACTIVE	39.108889	-80.720538
6	4701702520	Doddridge	Lelia B Cole	Deran Resources, Inc.	Undf PRICE blw INJN	Gas	2515	ACTIVE	39.113444	-80.718942
7	4701702550	Doddridge	M D Bode	Daniel Farley	Undf PRICE blw INJN	Gas	2051	PLUGGED	39.100243	-80.718780
8	4701702591	Doddridge	M D Bode	Daniel Farley	Undf PRICE blw INJN	Gas	2097	PLUGGED	39.102376	-80.715915
9	4701702742	Doddridge	George Adrian	Deran Resources, Inc.	Big Injun (Grnbr)	Gas	2423	ACTIVE	39.112375	-80.724312
10	4701702764	Doddridge	R Bunten	Daniel Farley	Big Injun (Grnbr)	Dry	2290	PLUGGED	39.103197	-80.719297
11	4701703160	Doddridge	Franklin Rastle	Ross & Wharton Gas Co., Inc.	Big Injun (Grnbr)	Gas	2100	ABANDONED	39.107465	-80.707687
12	4701703161	Doddridge	Franklin Rastle	Ross & Wharton Gas Co., Inc.	Big Injun (Grnbr)	Gas	2505	ACTIVE	39.107386	-80.715685
13	4701703162	Doddridge	F Rastle et ux	Beta-Helix Energy, LLC	Big Injun (Grnbr)	Gas	2075	ACTIVE	39.103928	-80.710206
14	4701703168	Doddridge	Daniel Persiani	Beta-Helix Energy, LLC	Big Injun (Grnbr)	Gas	2190	ACTIVE	39.103010	-80.704679
15	4701703170	Doddridge	William Tatro	Beta-Helix Energy, LLC	Big Injun (Grnbr)	Gas	2215	ACTIVE	39.099648	-80.706269
16	4701703172	Doddridge	Franklin Rastle	Berry Energy, LLC	Big Injun (Grnbr)	Gas	2222	ACTIVE	39.109548	-80.713848
17	4701703187	Doddridge	William Tatro	Beta-Helix Energy, LLC	Big Injun (Grnbr)	Gas	2222	ACTIVE	39.100128	-80.702353
18	4701703228	Doddridge	Bryan & Mary Lowther	Deran Resources, Inc.	Big Injun (Grnbr)	Gas	2214	ACTIVE	39.109547	-80.724710
19	4701704796	Doddridge	Henry G & Sylvia Rastle	Eastern Gas Transmission & Storage, Inc.	not available	not available	-	PLUGGED	39.093184	-80.707802
20	4701731276	Doddridge	John Gamps/F M Schmidt	Consolidated Gas Supply Corp.	Hampshire Grp	Oil and Gas	2200	PLUGGED	39.094105	-80.703157
21	4704100024	Lewis	D D Chapman	Waco Oil & Gas Co., Inc.	Hampshire Grp	Gas	2181	ACTIVE	39.063680	-80.687721
22	4704100051	Lewis	Laura Alfred & Griggs	Eastern Gas Transmission & Storage, Inc.	Blue Monday	Oil and Gas	1881	PLUGGED	39.051493	-80.698667
23	4704100052	Lewis	Alfred & Griggs	Diversified Production, LLC	Undf PRICE blw INJN	Oil and Gas	1960	ACTIVE	39.052644	-80.696308
24	4704100055	Lewis	Lydia Starcher	Eastern Gas Transmission & Storage, Inc.	Gantz	Oil and Gas	2180	PLUGGED	39.063394	-80.692715
25	4704100060	Lewis	M H Piercy	Eastern Gas Transmission & Storage, Inc.	Big Injun (Grnbr)	Gas	2243	PLUGGED	39.071241	-80.687882
26	4704100188	Lewis	Reason Davisson	Appalachian Land & Development Co.	Price Fm & equivs	Oil w/ Gas Show	1967	ABANDONED	39.059983	-80.683795
27	4704100424	Lewis	D D Chapman	Waco Oil & Gas Co., Inc.	Big Injun (Grnbr)	Oil and Gas	1960	ACTIVE	39.061670	-80.687321
28	4704100550	Lewis	O Ireland	Waco Oil & Gas Co., Inc.	Price Fm & equivs	Oil	1992	ACTIVE	39.059494	-80.697737
29	4704100694	Lewis	Isaac Tyson	M and M Drilling	Price Fm & equivs	Oil and Gas	1730	PLUGGED	39.051862	-80.685008
30	4704100845	Lewis	Tyson-Reese Consol	Waco Oil & Gas Co., Inc.	Price Fm & equivs	Oil and Gas	1933	ACTIVE	39.056159	-80.687210
31	4704100870	Lewis	Joseph Tyson	Eastern Gas Transmission & Storage, Inc.	Price Fm & equivs	Oil and Gas	1898	PLUGGED	39.054385	-80.682225
32	4704100909	Lewis	W Richard Starcher	Term Energy Corporation	Price Fm & equivs	Oil and Gas	1812	ABANDONED	39.062972	-80.701148
33	4704100948	Lewis	Jason Bailey	Waco Oil & Gas Co., Inc.	Price Fm & equivs	Gas	1996	ACTIVE	39.057239	-80.684539

34	4704100963	Lewis	Isaac Tyson	P&C Oil & Gas, Inc.	Squaw	Oil and Gas	1946	ABANDONED	39.052805	-80.687448
35	4704100990	Lewis	D D Chapman	B & B Oil & Gas Co., Inc.	Price Fm & equivs	Gas	2010	ABANDONED	39.064951	-80.698048
36	4704100999	Lewis	Alfred & Griggs	Diversified Production, LLC	Price Fm & equivs	Oil and Gas	1979	ACTIVE	39.054514	-80.694197
37	4704101017	Lewis	Marion Tyson	Waco Oil & Gas Co., Inc.	Price Fm & equivs	Oil and Gas	1989	ACTIVE	39.057352	-80.687268
38	4704101059	Lewis	Alfred & Griggs	Diversified Production, LLC	Price Fm & equivs	Oil and Gas	1938	ACTIVE	39.057717	-80.693089
39	4704101062	Lewis	G W McMillan	McMillan Oil & Gas	not available	not available		NEVER DRILLED	39.061669	-80.705551
40	4704101073	Lewis	D D Chapman	R&R Oil & Gas, LLC	Price Fm & equivs	Oil and Gas	2035	ACTIVE	39.067239	-80.685979
41	4704101075	Lewis	Offa Keesucker	Jesse & Merle Shackleford	Price Fm & equivs	Gas	1978	ACTIVE	39.060219	-80.689181
42	4704101094	Lewis	D D Chapman	Term Energy Corporation	Price Fm & equivs	Oil and Gas	2100	PLUGGED	39.058619	-80.686711
43	4704101144	Lewis	A Alfred	Waco Oil & Gas Co., Inc.	Price Fm & equivs	Oil w/ Gas Show	1735	ACTIVE	39.054089	-80.701039
44	4704101159	Lewis	O W Ireland	Waco Oil & Gas Co., Inc.	Price Fm & equivs	Oil w/ Gas Show	1785	ACTIVE	39.055585	-80.699670
45	4704101162	Lewis	O W Ireland	Waco Oil & Gas Co., Inc.	Big Injun (Grnbr)	Oil w/ Gas Show	1886	ACTIVE	39.056649	-80.698014
46	4704101167	Lewis	O W Ireland	Stallworth Oil and Gas, Inc.	not available	not available	-	NEVER DRILLED	39.057319	-80.695504
47	4704101168	Lewis	O W Ireland	Waco Oil & Gas Co., Inc.	Price Fm & equivs	Oil w/ Gas Show	2176	ACTIVE	39.059202	-80.695201
48	4704101169	Lewis	A L Griggs	R&R Oil & Gas, LLC	Price Fm & equivs	Oil and Gas	1798	ACTIVE	39.055659	-80.701995
49	4704101172	Lewis	Griggs & Alfred	Diversified Production, LLC	Big Injun (Grnbr)	Oil w/ Gas Show	1925	ACTIVE	39.051147	-80.700745
50	4704101173	Lewis	Griggs & Alfred	Diversified Production, LLC	Big Lime	Oil w/ Gas Show	1904	ACTIVE	39.057287	-80.698779
51	4704101185	Lewis	A L Griggs	Waco Oil & Gas Co., Inc.	Price Fm & equivs	Oil w/ Gas Show	1885	ACTIVE	39.052644	-80.700973
52	4704101186	Lewis	Griggs & Alfred	Diversified Production, LLC	Big Injun (Grnbr)	Oil w/ Gas Show	1855	ACTIVE	39.054435	-80.699097
53	4704101201	Lewis	Griggs & Alfred	Diversified Production, LLC	Big Injun (Grnbr)	Oil	2141	ACTIVE	39.058339	-80.690678
54	4704101223	Lewis	Alfred & Griggs	Diversified Production, LLC	Big Injun (Grnbr)	Oil w/ Gas Show	2083	ACTIVE	39.050600	-80.698366
55	4704101237	Lewis	Alfred & Griggs	Diversified Production, LLC	Big Injun (Grnbr)	Oil and Gas	2140	ACTIVE	39.056102	-80.692177
56	4704101240	Lewis	Alfred & Griggs	Diversified Production, LLC	Big Injun (Grnbr)	Oil and Gas	1938	ACTIVE	39.052388	-80.698526
57	4704101255	Lewis	W D Chapman	Petroleum Promotions	Undf PRICE blw INJN	Oil and Gas	2150	PLUGGED	39.065730	-80.686020
58	4704101256	Lewis	N G Douglas	Petroleum Promotions	Undf PRICE blw INJN	Oil and Gas	2150	PLUGGED	39.064280	-80.683229
59	4704101326	Lewis	Alfred & Griggs	Diversified Production, LLC	Undf PRICE blw INJN	Oil w/ Gas Show	1951	ACTIVE	39.049200	-80.700252
60	4704101331	Lewis	L Starcher	Waco Oil & Gas Co., Inc.	Big Injun (Grnbr)	Gas	2313	ACTIVE	39.060219	-80.694305
61	4704101332	Lewis	L Starcher	Waco Oil & Gas Co., Inc.	Big Injun (Grnbr)	Oil and Gas	1959	ACTIVE	39.062000	-80.691710
62	4704101334	Lewis	D D Chapman	Waco Oil & Gas Co., Inc.	not available	not available	-	ACTIVE	39.060147	-80.689860
63	4704101335	Lewis	D D Chapman	Waco Oil & Gas Co., Inc.	Big Injun (Grnbr)	Oil	2138	ACTIVE	39.062699	-80.685029
64	4704101349	Lewis	D D Chapman	Waco Oil & Gas Co., Inc.	Big Injun (Grnbr)	Oil	2193	ACTIVE	39.059514	-80.688647
65	4704101352	Lewis	D D Chapman	Waco Oil & Gas Co., Inc.	not available	not available	- 14	ACTIVE	39.061891	-80.689388
66	4704101369	Lewis	C Roney	P&C Oil & Gas, Inc.	Undf PRICE blw INJN	not available	1950	ABANDONED	39.051189	-80.688952
67	4704101436	Lewis	D Rinehart Heirs	Wolf Run Oil & Gas	Fifth	Dry	2752	PLUGGED	39.087473	-80.707426
68	4704101513	Lewis	C A Bailey Hrs	Steve Duckworth Well Service	not available	not available	_	PLUGGED	39.066097	-80.701153
69	4704101952	Lewis	A L Griggs	Diversified Production, LLC	Price Fm & equivs	Oil w/ Gas Show	1921	ACTIVE	39.054778	-80.696938
70	4704102043	Lewis	S H Lowther	Eastern Gas Transmission & Storage, Inc.	Gantz	Storage	2302	ACTIVE	39.087218	-80.710800

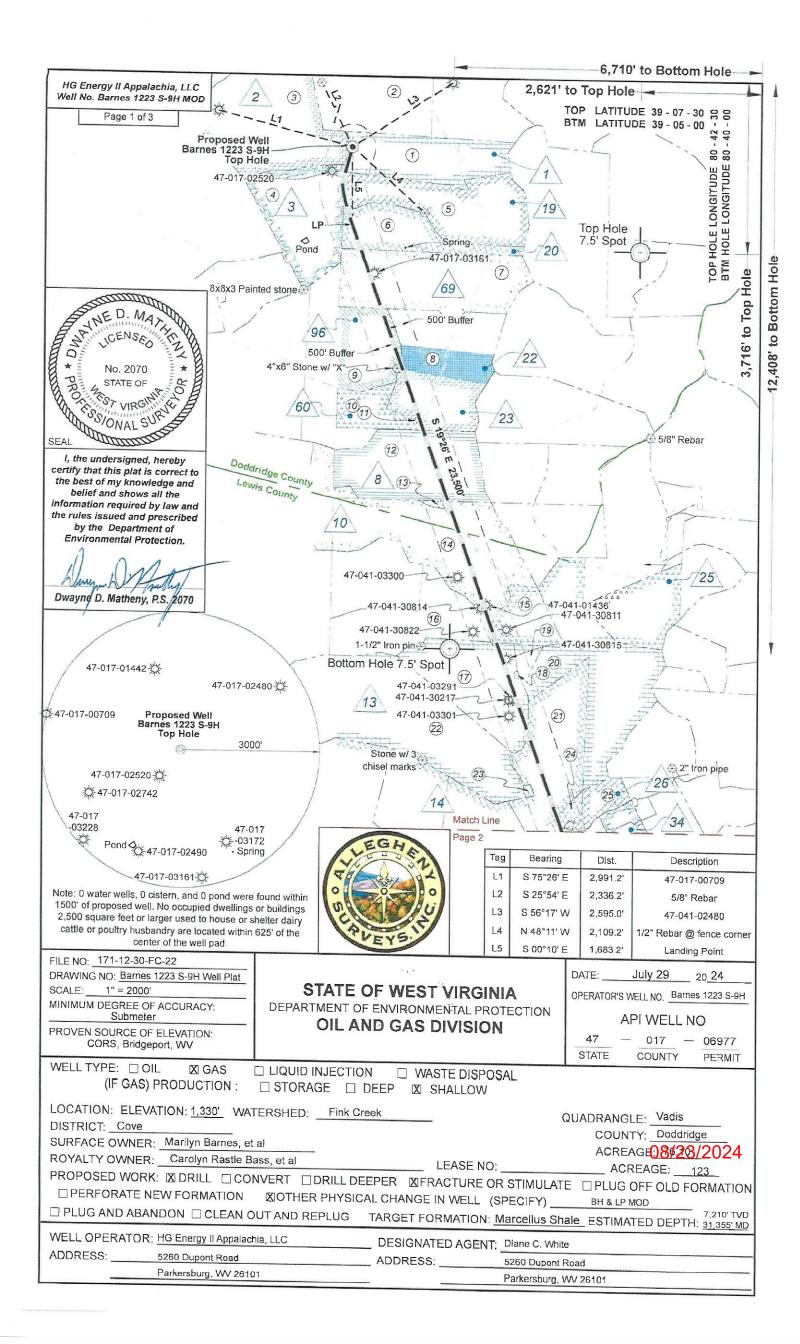
71	4704102046	Lewis	M E Hall	Eastern Gas Transmission & Storage, Inc.	Gantz	Storage	2473	ACTIVE	39.084351	-80.712136
72	4704102060	Lewis	M E Hall	Eastern Gas Transmission & Storage, Inc.	Gantz	Storage	2267	ACTIVE	39.082421	-80.708062
73	4704102061	Lewis	M E Hall	Eastern Gas Transmission & Storage, Inc.	Gantz	Storage	2401	PLUGGED	39.079571	-80.712390
74	4704102063	Lewis	John Rastle	Eastern Gas Transmission & Storage, Inc.	Gantz	Storage	2173	ACTIVE	39.087568	-80.704427
75	4704102072	Lewis	John Rastle	Eastern Gas Transmission & Storage, Inc.	Gantz	Storage	2433	PLUGGED	39.086803	-80.702588
76	4704102078	Lewis	Frank Rastle	Eastern Gas Transmission & Storage, Inc.	Gantz	Storage	2431	PLUGGED	39.077130	-80.710161
77	4704102822	Lewis	Charles Fisher	Eastern Gas Transmission & Storage, Inc.	Berea Ss	Oil	2186	ACTIVE	39.089559	-80.706125
78	4704102823	Lewis	Mary Albers	Eastern Gas Transmission & Storage, Inc.	not available	not available	-	PLUGGED	39.091009	-80.699054
79	4704102824	Lewis	John Rastle	Eastern Gas Transmission & Storage, Inc.	Hampshire Grp	Oil w/ Gas Show	2703	PLUGGED	39.089838	-80.700392
80	4704102825	Lewis	John Rastle	Eastern Gas Transmission & Storage, Inc.	not available	not available	_	PLUGGED	39.087818	-80.695145
81	4704102828	Lewis	Conrad Rastle	Eastern Gas Transmission & Storage, Inc.	not available	Storage	-	ACTIVE	39.089365	-80.696947
82	4704102829	Lewis	Conrad Rastle	Eastern Gas Transmission & Storage, Inc.	not available	not available	_	PLUGGED	39.091299	-80.696449
83	4704102830	Lewis	Conrad Rastle	Eastern Gas Transmission & Storage, Inc.	not available	not available		PLUGGED	39.088770	-80.698862
84	4704102848	Lewis	Mary E Hall	Eastern Gas Transmission & Storage, Inc.	not available	not available	***	PLUGGED	39.081393	-80.711428
85	4704102910	Lewis	F Rastle	Eastern Gas Transmission & Storage, Inc.	Hampshire Grp	Observation	2691	ACTIVE	39.074858	-80.703868
86	4704103088	Lewis	M & D L Rastle	Eastern Gas Transmission & Storage, Inc.	Gantz	Storage	2574	ACTIVE	39.083306	-80.700087
87	4704103112	Lewis	Marie Rastle	Consolidated Gas Supply Corp.	Hampshire Grp	Oil	2473	PLUGGED	39.077332	-80.712063
88	4704103113	Lewis	M&C Rastle	Eastern Gas Transmission & Storage, Inc.	Gantz	Storage	2531	ACTIVE	39.077612	-80.712174
89	4704103275	Lewis	Guy Simmons	Foster Mining Co.	Big Injun (Grnbr)	Gas	2238	ABANDONED	39.083346	-80.715655
90	4704103289	Lewis	Guy Simmons Jr	Eastern Gas Transmission & Storage, Inc.	not available	not available	2488	PLUGGED	39.077912	-80.710016
91	4704103290	Lewis	Guy Simmons Jr	Eastern Gas Transmission & Storage, Inc.	not available	not available	2200	PLUGGED	39.083423	-80.701283
92	4704103291	Lewis	Guy Simmons Jr	Eastern Gas Transmission & Storage, Inc.	not available	not available	2206	PLUGGED	39.081980	-80.705003
93	4704103300	Lewis	Henry Rastle	Eastern Gas Transmission & Storage, Inc.	Gantz	Oil	2440	PLUGGED	39.089253	-80.709233
94	4704103301	Lewis	Guy Simmons	Eastern Gas Transmission & Storage, Inc.	not available	not available	3906	PLUGGED	39.080970	-80.705265
95	4704103572	Lewis	Guy Simmons	Consolidated Gas Transmission Corp.	not available	not available	-	PLUGGED	39.085933	-80.715785
96	4704104775	Lewis	Yvonne Foster/E Rastle et al	Eastern Gas Transmission & Storage, Inc.	not available	not available	-	PLUGGED	39.088230	-80.702534
97	4704130217	Lewis	Maud Faupel	South Penn Oil (S. Penn Nat. Gas)	Hampshire Grp	Oil	2174	PLUGGED	39.081972	-80.705190
98	4704130218	Lewis	Harvey Faupel	South Penn Oil (S. Penn Nat. Gas)	Hampshire Grp	Oil	2346	PLUGGED	39.083133	-80.702958
99	4704130276	Lewis	M E Hall	Hope Natural Gas Company	Hampshire Grp	Oil	2431	PLUGGED	39.077622	-80.709458
100	4704130299	Lewis	Conrad Rastle	Hope Natural Gas Company	Hampshire Grp	Gas	2191	PLUGGED	39.090184	-80.695332
101	4704130301	Lewis	John Rastle	Hope Natural Gas Company	Hampshire Grp	Oil and Gas	2306	PLUGGED	39.086268	-80.696261
102	4704130334	Lewis	A J Spray	Carnegie Natural Gas Co.	Undf PRICE blw INJN	Gas	2170	PLUGGED	39.071676	-80.708342
103	4704130442	Lewis	Reason C Davisson	UNKNOWN	Hampshire Grp	Oil	2625	PLUGGED	39.056304	-80.679693
104	4704130811	Lewis	John Rastle	Consolidated Gas Supply Corp.	not available	not available	2196	PLUGGED	39.086203	-80.705508
105	4704130812	Lewis	M E Hall	Consolidated Gas Supply Corp.	not available	not available	2148	PLUGGED	39.103169	-80.710411
106	4704130813	Lewis	John Rastle	Consolidated Gas Supply Corp.	not available	not available	2454	PLUGGED	39.087458	-80.700813
107	4704130814	Lewis	Charles Fisher	Consolidated Gas Supply Corp.	not available	not available	2358	PLUGGED	39.087673	-80.707054

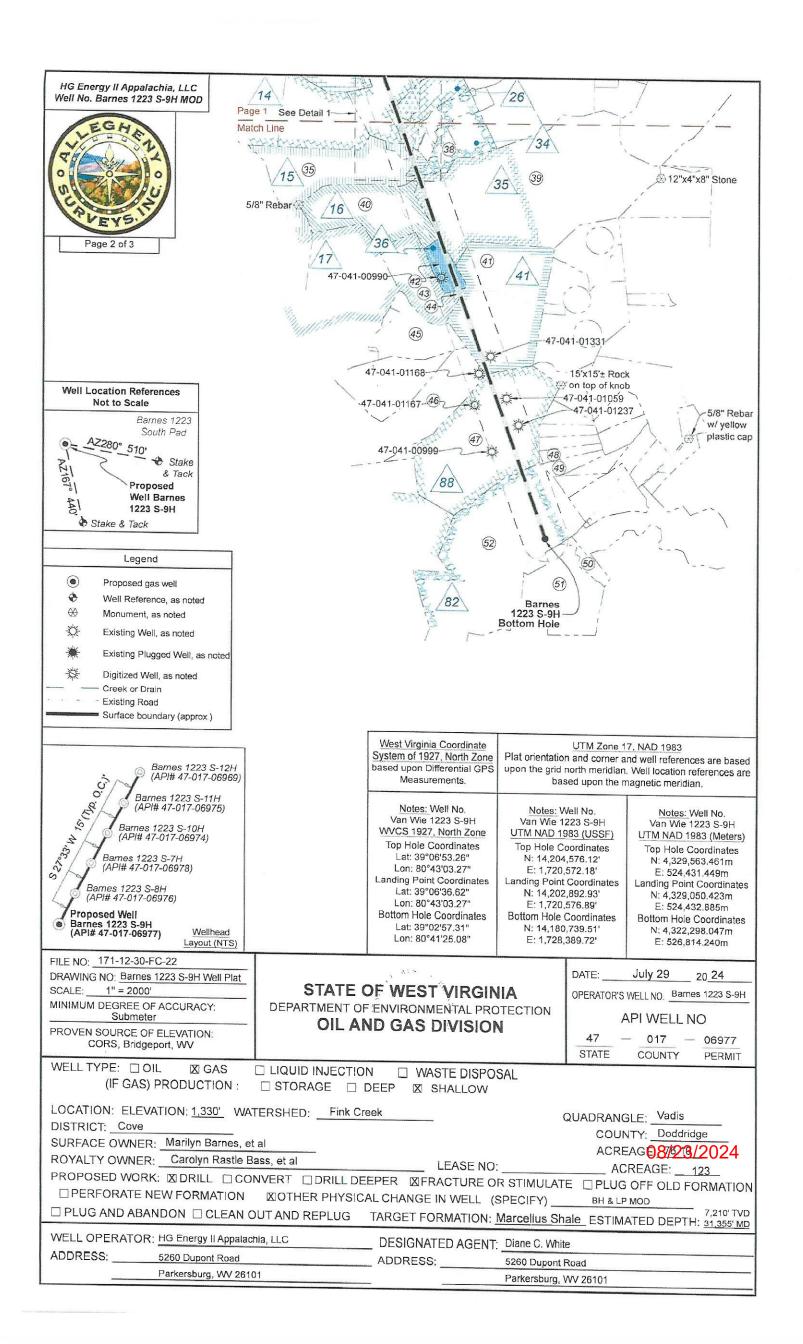
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108	4704130815	Lewis	M E Hall	Consolidated Gas Supply Corp.	not available	not available	2154	PLUGGED	39,084403	-80.705487
109	4704130816	Lewis	M E Hall	Consolidated Gas Supply Corp.	not available	not available	2334	PLUGGED	39.084501	-80.709625
110	4704130817	Lewis	M E Hall	Consolidated Gas Supply Corp.	not available	not available	2390	PLUGGED	39.078347	-80.709840
111	4704130818	Lewis	M E Hall	Consolidated Gas Supply Corp.	not available	not available	2138	PLUGGED	39.078722	-80.707389
112	4704130819	Lewis	M E Hall	Consolidated Gas Supply Corp.	not available	not available	2433	PLUGGED	39.082753	-80.713750
113	4704130820	Lewis	Mary Albers	Consolidated Gas Supply Corp.	not available	not available	2426	PLUGGED	39.090147	-80.703177
114	4704130822	Lewis	Sylvester H Lowther	Consolidated Gas Supply Corp.	not available	not available	2271	PLUGGED	39.086055	-80.708045
	The Little			WELLS ADDED 9/7/23 ALONG	WESTERN EDGE OF THI	E UNIT				
1 <b>1</b> 5	4701700233	Doddridge	J Porter Woofter	ALAMCO, Inc.	Gantz	Dry	2350	PLUGGED	39.105040	-80.726617
116	4701700809	Doddridge	J S Bailey	Deran Resources, Inc.	Gantz	Gas w/ Oil Show	2350	ACTIVE	39.111662	-80.728937
117	4701702288	Doddridge	S L Gray	Charity Gas, Inc.	Alexander	Gas	5405	ACTIVE	39.103582	-80.725182
118	4704100029	Lewis	Griggs & Alfred	Diversified Production, LLC	Big Injun (Grnbr)	Oil	2103	ACTIVE	39.047893	-80.699406
119	4704100968	Lewis	W O Ireland	Waco Oil & Gas Co., Inc.	Price Fm & equivs	Oil	1822	ACTIVE	39.056459	-80.703947
120	4704102030	Lewis	W O Ireland	Waco Oil & Gas Co., Inc.	Big Injun (Grnbr)	Oil	1764	ACTIVE	39.053998	-80.702532
121	4704130801	Lewis	W H Frost	Consolidated Gas Supply Corp.	Undf PRICE blw INJN	Gas	1940	PLUGGED	39.046877	-80.697917
				WELLS ADDED 3/25/24 AT SOU	TH FOR EXTENDED LAT	TERALS				
122	4704100029	Lewis	Griggs & Alfred	Diversified Production, LLC	Big Injun (Grnbr)	Oil	2103	ACTIVE	39.047893	-80.699406
123	4704102425	Lewis	Albert Crislip	Diversified Production, LLC	not available	not available	-	ACTIVE	39.047458	-80.692524
124	4704130801	Lewis	W H Frost	Consolidated Gas Supply Corp.	Undf PRICE blw INJN	Gas	1940	PLUGGED	39.046877	-80.697917
CHID	OURCE: WVGES DATASET (2020) and WVDEP WEBSITE AND FIELD SURVEYS			VELLOW DENOT	ES WELL WITH TVD > 4,500			NOTES SURVEYED V		

UPDATED 3/25/2024

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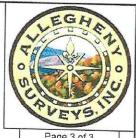
# HG Energy II Appalachia, LLC Well No. Barnes 1223 S-9H MOD

Detail 1 (1"=500")

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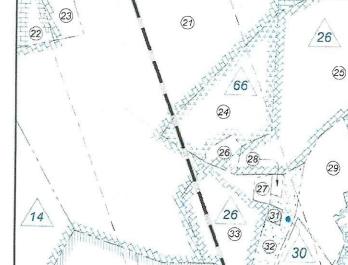
35)

ID	Lease
1	Carolyn Rastle Bass, et al
2	James L. Marsh, et al
	Asset Management, LLC, et al
8	HG Energy II Appalachia, LLC
10	HG Energy II Appalachia, LLC
13	William H. Hall & Mary E. Hall
14	Frank Rastle, et ux, et al
15	HG Energy II Appalachia, LLC
16	C.A. & Jane Rohr
17	Susan Marie Fair, et al
19	Carolyn Rastle Bass, et al
20	Maxine Cole Rastle, et al
22	C. Spray, et al
23	H.C. Spray, et al
25	HG Energy II Appalachia, LLC
26	J.R. & Florence Hurst
30	A.J. Spray, et ux, et al
32	Bessie V. Cahill & Zora Startcher
34	Dollie Hardman, et vir, et al
35	C.W. Radcliff, et al
36	Mike Ross, Inc., et al
41	Lydia Startcher, et al
60	Helen Bunten Keplinger & Elaine Bunten Mines
66	Diane Goulet, et al
69	Ivah R. Schmidt, et vir, et al
82	Albert & Mary Cristip
88	Andrew Edmiston, Jr., et ux, et al
96	Panacea Energy, Inc., et al



		Doddridge Co. (Cove Dist.)		
No.	TM / Par	Owner	Bk / Pq	Ac.
1	10/16	Marilyn Barnes, et al	W28 / 552	76.10
2	9/21	Carolyn R. Bass, et al	239 / 151	120.00
3	9/20	Clyde W. Marsh, et al	W36 / 152	149.00
4	9/27	Willard L. Fuller, III	215 / 149	
5	10/17	Marilyn Barnes, et al	W28 / 552	89.00
6	9/28	Maxine S. Rastle	A58 / 287	90,00
7	14/1	Maxine S. Rastle	The second of th	53.63
8	13 / 17	Maxine S. Rastle	A58 / 287	129.04
9	13 / 16	Ralph T. Bunten, Jr., et al	A58 / 287	116.18
10	13 / 16.1	Ralph T. Bunten, Jr., et al	224 / 79	114.76
11	13 / 17.1		224 / 79	26.90
12	13 / 18	Maxine S. Rastle	A58 / 287	0.13
13	14/6	Kevin M. Kearney	251 / 298	100.00
13	14/6	Gerald K. & Pamela S. Heater	225 / 18	1.28
No.	TMA	Lewis Co. (Freemans Creek Dist.)		
NO.	TM / Par	Owner	Bk / Pa	Ac

Lewis Co. (Freemans Creek Dist.)   No.   TM / Par   Owner   Owner   Bk / Pg   Ac.   14	13	14/6	Gerald K. & Pamela S. Heater	225 / 18	1.28
14			Lewis Co. (Freemans Creek Dist.)	220710	1.20
1			Owner	Bk / Pa	Ac
10	MMMM MANAGE	The state of the s	Henry G & Sylvia Rastle		
1D			Yvonne R. Foster & Alice Taylor		
10			Fonda W. Simmons Trust		
10	-		Fonda W. Simmons Trust		
19         1D / 16         Maxine S. Cole Rastle         W55 / 570         99.40           20         1D / 16         Maxine S. Cole Rastle         W55 / 570         99.40           21         1E / 28         Thomas R. Riley, et al         577 / 553         96.80           22         1E / 12         Fonda W. Simmons Trust         629 / 66         197.25           23         1E / 28.1         Thomas R. Riley         544 / 394         1.00           24         1E / 27         Okey J. Smith         555 / 555         5.50           25         1E / 29         Robert E. & Ann M. White         403 / 690         16.73           26         1E / 26         M.L. Riley         230 / 197         0.48           27         1E / 34         Robert E. & Ann M. White         403 / 690         0.26           28         1E / 33         Cemetery Fink Creek         000 / 000         0.18           29         1E / 32         Danny C. & Rose M. Parker         563 / 692         3.70           30         1E / 38         Fonda W. Simmons Trust         629 / 66         2.70           31         1E / 36         Danny C. & Rose M. Parker         563 / 692         0.14           32         1E / 37         Danny	- Chammer A		Fonda W. Simmons Trust	THE RESIDENCE OF THE PROPERTY	THE RESIDENCE OF THE PARTY AND
20	***************************************	The second secon	Berkley T. & Judith E. Cook	And the second processing control or property of the party of the second	The second second second
21         1E/28         Thomas R. Riley, et al         577/553         96.80           22         1E/12         Fonda W. Simmons Trust         629/66         197.25           23         1E/28.1         Thomas R. Riley         544/394         1.00           24         1E/27         Okey J. Smith         555/555         5.50           25         1E/29         Robert E. & Ann M. White         403/690         16.73           26         1E/26         M.L. Riley         230/197         0.48           27         1E/34         Robert E. & Ann M. White         403/690         0.26           28         1E/33         Cemetery Fink Creek         000/000         0.18           29         1E/32         Danny C. & Rose M. Parker         563/692         3.70           30         1E/38         Fonda W. Simmons Trust         629/66         2.70           31         1E/36         Danny C. & Rose M. Parker         563/692         0.14           32         1E/37         Danny C. & Rose M. Parker         563/692         1.60           33         1E/25         Alfred M. & Shannon Cunningham         F32/126         4.84           34         1E/15.1         Lee M. Reese & Karon L. de Silva         <	***		Maxine S. Cole Rastle		THE RESIDENCE AND ADDRESS OF THE PARTY OF TH
22         1E / 12         Fonda W. Simmons Trust         629 / 66         197.25           23         1E / 28.1         Thomas R. Riley         544 / 394         1.00           24         1E / 27         Okey J. Smith         555 / 555         5.50           25         1E / 29         Robert E. & Ann M. White         403 / 690         16.73           26         1E / 26         M.L. Riley         230 / 197         0.48           27         1E / 34         Robert E. & Ann M. White         403 / 690         0.26           28         1E / 33         Cemetery Fink Creek         000 / 000         0.18           29         1E / 32         Danny C. & Rose M. Parker         563 / 692         3.70           31         1E / 36         Danny C. & Rose M. Parker         563 / 692         0.14           32         1E / 37         Danny C. & Rose M. Parker         563 / 692         0.14           33         1E / 25         Alfred M. & Shannon Cunningham         F32 / 126         4.84           34         1E / 15.1         Lee M. Reese & Karon L. de Silva         620 / 391         63.38           36         1E / 15         Lee M. Reese & Karon L. de Silva         620 / 391         1.10           37         <	mind reference in		Thomas R. Riley, et al		The second second second second second
23         1 E / 28.1         Thomas R. Riley         544 / 394         1.00           24         1 E / 27         Okey J. Smith         555 / 555         5.50           25         1 E / 29         Robert E. & Ann M. White         403 / 690         16.73           26         1 E / 26         M.L. Riley         230 / 197         0.48           27         1 E / 34         Robert E. & Ann M. White         403 / 690         0.26           28         1 E / 33         Cernetery Fink Creek         000 / 000         0.00         0.00           29         1 E / 32         Danny C. & Rose M. Parker         563 / 692         3.70           30         1 E / 38         Fonda W. Simmons Trust         629 / 66         2.70           31         1 E / 36         Danny C. & Rose M. Parker         563 / 692         0.14           32         1 E / 37         Danny C. & Rose M. Parker         563 / 692         1.60           34         1 E / 15.1         Lee M. Reese & Karon L. de Silva         620 / 391         2.50           35         1 E / 15.1         Lee M. Reese & Karon L. de Silva         620 / 391         1.10           37         1 E / 23         Fonda W. Simmons Trust         629 / 66         2.70			Fonda W. Simmons Trust		
24         1E / 29         Robert E. & Ann M. White         403 / 690         16.73           26         1E / 26         M.L. Riley         230 / 197         0.48           27         1E / 34         Robert E. & Ann M. White         403 / 690         0.26           28         1E / 33         Cemetery Fink Creek         000 / 000         0.18           29         1E / 32         Danny C. & Rose M. Parker         563 / 692         3.70           30         1E / 38         Fonda W. Simmons Trust         629 / 66         2.70           31         1E / 36         Danny C. & Rose M. Parker         563 / 692         0.14           31         1E / 36         Danny C. & Rose M. Parker         563 / 692         0.14           32         1E / 37         Danny C. & Rose M. Parker         563 / 692         1.60           34         1E / 15.1         Lee M. Reese & Karon L. de Silva         620 / 391         2.50           35         1E / 15         Lee M. Reese & Karon L. de Silva         620 / 391         63.38           36         1E / 24         Lee M. Reese & Karon L. de Silva         620 / 391         1.10           37         1E / 23         Fonda W. Simmons Trust         629 / 66         2.70           3	mercu considerant de		Thomas R. Riley		THE ACCOUNT OF THE PARTY OF THE
Section	and several contractions				
26         1E/26         M.L. Riley         230/197         0.48           27         1E/34         Robert E. & Ann M. White         403/690         0.26           28         1E/33         Cemetery Fink Creek         000/000         0.18           29         1E/32         Danny C. & Rose M. Parker         563/692         3.70           30         1E/38         Fonda W. Simmons Trust         629/66         2.70           31         1E/36         Danny C. & Rose M. Parker         563/692         0.14           32         1E/37         Danny C. & Rose M. Parker         563/692         0.14           33         1E/25         Alfred M. & Shannon Cunningham         F32/126         4.84           34         1E/15         Lee M. Reese & Karon L. de Silva         620/391         2.50           35         1E/15         Lee M. Reese & Karon L. de Silva         620/391         63.38           36         1E/24         Lee M. Reese & Karon L. de Silva         620/391         1.10           37         1E/23         Fonda W. Simmons Trust         629/66         2.70           38         1E/40         Richard Lenard         W44/285         10.78           39         1E/44         James R. Radcliff	-		Robert E. & Ann M, White		make the commence of the comme
27         1E / 34         Robert E. & Ann M. White         403 / 690         0.26           28         1E / 33         Cemetery Fink Creek         000 / 000         0.18           29         1E / 32         Danny C. & Rose M. Parker         563 / 692         3.70           30         1E / 38         Fonda W. Simmons Trust         629 / 66         2.70           31         1E / 36         Danny C. & Rose M. Parker         563 / 692         0.14           32         1E / 37         Danny C. & Rose M. Parker         563 / 692         1.60           33         1E / 25         Alfred M. & Shannon Cunningham         F32 / 126         4.84           34         1E / 15.1         Lee M. Reese & Karon L. de Silva         620 / 391         2.50           35         1E / 15         Lee M. Reese & Karon L. de Silva         620 / 391         63.38           36         1E / 15         Lee M. Reese & Karon L. de Silva         620 / 391         1.10           37         1E / 23         Fonda W. Simmons Trust         629 / 66         2.70           38         1E / 40         Richard Lenard         W44 / 285         10.78           39         1E / 41         James R. Radcliff         595 / 26         231.00 <t< td=""><td></td><td></td><td>M.L. Riley</td><td></td><td></td></t<>			M.L. Riley		
1E / 33	-		Robert E. & Ann M. White		THE PROPERTY OF THE PARTY OF TH
29         1E / 32         Danny C. & Rose M. Parker         563 / 692         3.70           30         1E / 38         Fonda W. Simmons Trust         629 / 66         2.70           31         1E / 36         Danny C. & Rose M. Parker         563 / 692         0.14           32         1E / 37         Danny C. & Rose M. Parker         563 / 692         1.60           33         1E / 25         Alfred M. & Shannon Cunningham         F32 / 126         4.84           34         1E / 15.1         Lee M. Reese & Karon L. de Silva         620 / 391         2.50           35         1E / 15         Lee M. Reese & Karon L. de Silva         620 / 391         63.38           36         1E / 24         Lee M. Reese & Karon L. de Silva         620 / 391         1.10           37         1E / 23         Fonda W. Simmons Trust         629 / 66         2.70           38         1E / 40         Richard Lenard         W44 / 285         10.78           39         1E / 41         James R. Radcliff         595 / 26         231.00           41         1E / 16         Rabiab & Joseph I. Schulte, Jr.         311 / 509         64.00           41         1E / 43         Danny C. & Timothy J. Kretzmer, et all         W13 / 195         113.00		AND DESCRIPTION OF THE PROPERTY OF THE PROPERT	Cemetery Fink Creek		
30 1E/38 Fonda W. Simmons Trust 629/66 2.70 31 1E/36 Danny C. & Rose M. Parker 563/692 0.14 32 1E/37 Danny C. & Rose M. Parker 563/692 1.60 33 1E/25 Alfred M. & Shannon Cunningham F32/126 4.84 34 1E/15.1 Lee M. Reese & Karon L. de Silva 620/391 2.50 35 1E/15 Lee M. Reese & Karon L. de Silva 620/391 63.38 36 1E/24 Lee M. Reese & Karon L. de Silva 620/391 1.10 37 1E/23 Fonda W. Simmons Trust 629/66 2.70 38 1E/40 Richard Lenard W44/285 10.78 39 1E/40 Rabiab & Joseph I. Schulte, Jr. 311/509 64.00 40 1E/16 Rabiab & Joseph I. Schulte, Jr. 311/509 64.00 41 1E/43 Danny C. & Timothy J. Kretzmer, et al W13/195 113.00 42 1E/41 Danny C. & Timothy J. Kretzmer, et al W13/195 12.78 43 1E/22 Michael T. Parker 784/409 37.06 44 1E/42 Earl R. Oney 622/714 0.75 45 1E/20 Michael T. Parker 784/409 35.48 46 1F/25 Donzel W. & Betty J. Gum 776/943 96.70 47 1F/52 Edwin A. Alfred 562/309 135.25 48 2F/7 Hundred Resources Inc. 736/159 7.00 50 2F/20.1 Stephen J. Scherer 591/84 4.00 50 2F/20.1 Stephen J. Scherer 591/84 4.00	THE PROPERTY AND ADDRESS.		Danny C. & Rose M. Parker		The second contract of
31         1E/36         Danny C. & Rose M. Parker         563/692         0.14           32         1E/37         Danny C. & Rose M. Parker         563/692         1.60           33         1E/25         Alfred M. & Shannon Cunningham         F32/126         4.84           34         1E/15.1         Lee M. Reese & Karon L. de Silva         620/391         2.50           35         1E/15         Lee M. Reese & Karon L. de Silva         620/391         63.38           36         1E/24         Lee M. Reese & Karon L. de Silva         620/391         1.10           37         1E/23         Fonda W. Simmons Trust         629/66         2.70           38         1E/40         Richard Lenard         W44/285         10.78           39         1E/16         Rabiab & Joseph I. Schulte, Jr.         311/509         64.00           41         1E/16         Rabiab & Joseph I. Schulte, Jr.         311/509         64.00           41         1E/43         Danny C. & Timothy J. Kretzmer, et all         W13/195         113.00           42         1E/41         Danny C. & Timothy J. Kretzmer, et all         W13/195         113.00           43         1E/22         Michael T. Parker         784/409         37.06	and proposed to the		Fonda W. Simmons Trust		
32         1E/37         Danny C. & Rose M. Parker         563/692         1.60           33         1E/25         Alfred M. & Shannon Cunningham         F32/126         4.84           34         1E/15.1         Lee M. Reese & Karon L. de Silva         620/391         2.50           35         1E/15         Lee M. Reese & Karon L. de Silva         820/391         63.38           36         1E/24         Lee M. Reese & Karon L. de Silva         620/391         1.10           37         1E/23         Fonda W. Simmons Trust         629/66         2.70           38         1E/40         Richard Lenard         W44/285         10.78           39         1E/44         James R. Radcliff         595/26         231.00           40         1E/16         Rabiab & Joseph I. Schulte, Jr.         311/509         64.00           41         1E/43         Danny C. & Timothy J. Kretzmer, et al         W13/195         113.00           42         1E/41         Danny C. & Timothy J. Kretzmer, et al         W13/195         12.78           43         1E/22         Michael T. Parker         784/409         37.06           44         1E/42         Earl R. Oney         622/714         0.75           45         1E/20			Danny C. & Rose M. Parker		
33			Danny C. & Rose M. Parker		CONTRACTOR OF THE PARTY OF THE
34         1E/15.1         Lee M. Reese & Karon L. de Silva         620/391         2.50           35         1E/15         Lee M. Reese & Karon L. de Silva         620/391         63.38           36         1E/24         Lee M. Reese & Karon L. de Silva         620/391         1.10           37         1E/23         Fonda W. Simmons Trust         629/66         2.70           38         1E/40         Richard Lenard         W44/285         10.78           39         1E/44         James R. Radcliff         595/26         231.00           40         1E/16         Rabiab & Joseph I. Schulte, Jr.         311/509         64.00           41         1E/43         Danny C. & Timothy J. Kretzmer, et al.         W13/195         113.00           42         1E/41         Danny C. & Timothy J. Kretzmer, et al.         W13/195         12.78           43         1E/22         Michael T. Parker         784/409         37.06           44         1E/42         Earl R. Oney         622/714         0.75           45         1E/20         Michael T. Parker         784/409         35.48           46         1F/25         Donzel W. & Betty J. Gum         776/943         96.70           47         1F/52		AND DESCRIPTION OF THE PROPERTY OF THE PROPERT	Alfred M. & Shannon Cunningham	THE RESIDENCE OF THE PERSON OF	THE REAL PROPERTY AND ADDRESS OF THE PARTY AND
35         1E/15         Lee M. Reese & Karon L. de Silva         620/391         63.38           36         1E/24         Lee M. Reese & Karon L. de Silva         620/391         1.10           37         1E/23         Fonda W. Simmons Trust         629/66         2.70           38         1E/40         Richard Lenard         W44/285         10.78           39         1E/44         James R. Radcliff         595/26         231.00           40         1E/16         Rabiab & Joseph I. Schulte, Jr.         311/509         64.00           41         1E/43         Danny C. & Timothy J. Kretzmer, et al.         W13/195         113.00           42         1E/41         Danny C. & Timothy J. Kretzmer, et al.         W13/195         12.78           43         1E/22         Michael T. Parker         784/409         37.06           44         1E/42         Earl R. Oney         622/714         0.75           45         1E/20         Michael T. Parker         784/409         35.48           46         1F/25         Donzel W. & Betty J. Gum         776/943         96.70           47         1F/52         Edwin A. Alfred         562/309         135.26           48         2F/7         Hundred Re		CONTRACTOR DESCRIPTION OF THE PARTY OF THE P	Lee M. Reese & Karon L. de Silva	THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.	The same of the sa
36         1E / 24         Lee M. Reese & Karon L. de Silva         620 / 391         1.10           37         1E / 23         Fonda W. Simmons Trust         629 / 66         2.70           38         1E / 40         Richard Lenard         W44 / 285         10.78           39         1E / 44         James R. Radcliff         595 / 26         231.00           40         1E / 16         Rabiab & Joseph I. Schulte, Jr.         311 / 509         64.00           41         1E / 43         Danny C. & Timothy J. Kretzmer, et al.         W13 / 195         113.00           42         1E / 41         Danny C. & Timothy J. Kretzmer, et al.         W13 / 195         12.78           43         1E / 22         Michael T. Parker         784 / 409         37.06           44         1E / 42         Earl R. Oney         622 / 714         0.75           45         1E / 20         Michael T. Parker         784 / 409         35.48           45         1E / 20         Michael T. Parker         784 / 409         35.48           46         1F / 25         Donzel W. & Betty J. Gum         776 / 943         96.70           48         2F / 7         Hundred Resources Inc.         736 / 159         7.00           49			Lee M. Reese & Karon L. de Silva	CONTRACTOR OF THE PERSON NAMED AND ADDRESS OF THE PERSON NAMED	
1E / 23			Lee M. Reese & Karon L. de Silva		
38         1E / 40         Richard Lenard         W44 / 285         10.78           39         1E / 44         James R. Radcliff         595 / 26         231.00           40         1E / 16         Rabiab & Joseph I. Schulte, Jr.         311 / 509         64.00           41         1E / 43         Danny C. & Timothy J. Kretzmer, et al.         W13 / 195         113.00           42         1E / 41         Danny C. & Timothy J. Kretzmer, et al.         W13 / 195         12.78           43         1E / 22         Michael T. Parker         784 / 409         37.06           44         1E / 42         Earl R. Oney         622 / 714         0.75           45         1E / 20         Michael T. Parker         784 / 409         35.48           46         1F / 25         Donzel W. & Betty J. Gum         776 / 943         96.70           47         1F / 52         Edwin A. Alfred         562 / 309         135.25           48         2F / 7         Hundred Resources Inc.         736 / 159         7.00           49         2F / 8         Hundred Resources Inc.         736 / 159         7.00           50         2F / 20.1         Stephen J. Scherer         591 / 84         4.00           51         14 /	www.commission.eu	MANAGEMENT AND ADDRESS OF THE PARTY OF THE P	Fonda W. Simmons Trust		
39 1E / 44	Printerior and the		Richard Lenard		THE PROPERTY AND ADDRESS OF THE PARTY OF THE
40 1E / 16 Rabiab & Joseph I. Schulte, Jr. 311 / 509 64.00 41 1E / 43 Danny C. & Timothy J. Kretzmer, et al W13 / 195 113.00 42 1E / 41 Danny C. & Timothy J. Kretzmer, et al W13 / 195 12.78 43 1E / 22 Michael T. Parker 784 / 409 37.06 44 1E / 42 Earl R. Oney 622 / 714 0.75 45 1E / 20 Michael T. Parker 784 / 409 35.48 46 1F / 25 Donzel W. & Betty J. Gum 776 / 943 96.70 47 1F / 52 Edwin A. Alfred 562 / 309 135.25 48 2F / 7 Hundred Resources Inc. 736 / 159 7.00 49 2F / 8 Hundred Resources Inc. 736 / 159 7.00 50 2F / 20.1 Stephen J. Scherer 591 / 84 4.00 51 2F / 22 Hundred Resources Inc. 731 / 489 50.25	Triba Constant				
41         1E / 43         Danny C. & Timothy J. Kretzmer, et al         W13 / 195         113.00           42         1E / 41         Danny C. & Timothy J. Kretzmer, et al         W13 / 195         12.78           43         1E / 22         Michael T. Parker         784 / 409         37.06           44         1E / 42         Earl R. Oney         622 / 714         0.75           45         1E / 20         Michael T. Parker         784 / 409         35.48           46         1F / 25         Donzel W. & Betty J. Gum         776 / 943         96.70           47         1F / 52         Edwin A. Alfred         562 / 309         135.25           48         2F / 7         Hundred Resources Inc.         736 / 159         7.00           49         2F / 8         Hundred Resources Inc.         736 / 159         7.00           50         2F / 20.1         Stephen J. Scherer         591 / 84         4.00           50         12F / 22         Hundred Resources Inc.         731 / 469         50.25		1E / 16	Rabiab & Joseph I. Schulte, Jr.	AND AND DESCRIPTION OF THE PARTY OF THE PART	
442       1E / 41       Danny C. & Timothy J. Kretzmer, et al       W13 / 195       12.78         43       1E / 42       Michael T. Parker       784 / 409       37.06         44       1E / 42       Earl R. Oney       622 / 714       0.75         45       1E / 20       Michael T. Parker       784 / 409       35.48         46       1F / 25       Donzel W. & Betty J. Gum       776 / 943       96.70         47       1F / 52       Edwin A. Alfred       562 / 309       135.25         48       2F / 7       Hundred Resources Inc.       736 / 159       7.00         49       2F / 8       Hundred Resources Inc.       736 / 159       7.00         50       2F / 20.1       Stephen J. Scherer       591 / 84       4.00         51       2F / 22       Hundred Resources Inc.       731 / 469       50.25	41		Danny C. & Timothy J. Kretzmer, et al.		
43       1E / 22       Michael T. Parker       784 / 409       37.06         44       1E / 42       Earl R. Oney       622 / 714       0.75         45       1E / 20       Michael T. Parker       784 / 409       35.48         46       1F / 25       Donzel W. & Betty J. Gum       776 / 943       96.70         47       1F / 52       Edwin A. Alfred       562 / 309       135.25         48       2F / 7       Hundred Resources Inc.       736 / 159       7.00         49       2F / 8       Hundred Resources Inc.       736 / 159       7.00         50       2F / 20.1       Stephen J. Scherer       591 / 84       4.00         50       2F / 22       Hundred Resources Inc.       731 / 469       50.25	42		Danny C. & Timothy J. Kretzmer, et al.		
44     1E / 42     Earl R. Oney     622 / 714     0.75       45     1E / 20     Michael T. Parker     784 / 409     35.48       46     1F / 25     Donzel W. & Betty J. Gum     776 / 943     96.70       47     1F / 52     Edwin A. Alfred     562 / 309     135.25       48     2F / 7     Hundred Resources Inc.     736 / 159     7.00       49     2F / 8     Hundred Resources Inc.     736 / 159     7.00       50     2F / 20.1     Stephen J. Scherer     591 / 84     4.00       51     2F / 22     Hundred Resources Inc.     731 / 469     50.25	43		Michael T. Parker	The second secon	Parketon Sanor our management
Michael T. Parker 784 / 409 35.48 46 1F / 25 Donzel W. & Betty J. Gum 776 / 943 96.70 47 1F / 52 Edwin A. Alfred 562 / 309 135.25 48 2F / 7 Hundred Resources Inc. 736 / 159 7.00 49 2F / 8 Hundred Resources Inc. 736 / 159 7.00 50 2F / 20.1 Stephen J. Scherer 591 / 84 4.00 51 2F / 22 Hundred Resources Inc. 731 / 469 50.25	44	1E / 42			\$
46     1F / 25     Donzel W. & Betty J. Gum     776 / 943     96.70       47     1F / 52     Edwin A. Alfred     562 / 309     135.25       48     2F / 7     Hundred Resources Inc.     736 / 159     7.00       49     2F / 8     Hundred Resources Inc.     736 / 159     7.00       50     2F / 20.1     Stephen J. Scherer     591 / 84     4.00       51     2F / 22     Hundred Resources Inc.     731 / 489     50.25	45	1E/20			
47     1F / 52     Edwin A. Alfred     562 / 309     135 25       48     2F / 7     Hundred Resources Inc.     736 / 159     7.00       49     2F / 8     Hundred Resources Inc.     736 / 159     7.00       50     2F / 20.1     Stephen J. Scherer     591 / 84     4.00       51     2F / 22     Hundred Resources Inc.     731 / 469     50.25	46	1F/25	Donzel W. & Betty J. Gum		
48     2F / 7     Hundred Resources Inc.     736 / 159     7.00       49     2F / 8     Hundred Resources Inc.     736 / 159     7.00       50     2F / 20.1     Stephen J. Scherer     591 / 84     4.00       51     2F / 22     Hundred Resources Inc.     731 / 489     50.25	47	1F / 52		Contraction of the Contraction o	
49 2F / 8 Hundred Resources Inc. 736 / 159 7.00 50 2F / 20.1 Stephen J. Scherer 591 / 84 4.00 51 2F / 22 Hundred Resources Inc. 731 / 489 50.25	48		Hundred Resources Inc.		
50 2F / 20.1 Stephen J. Scherer 591 / 84 4.00 2F / 22 Hundred Resources Inc. 731 / 469 50.25	49	2F / 8	Hundred Resources Inc	A STATE OF THE PARTY OF THE PAR	
51 2F / 22 Hundred Resources Inc. 731 / 469 50.25	50	2F / 20.1	Stephen J. Scherer	THE RESERVE THE PARTY OF THE PA	***************************************
52 15/52 30.25	51		Hundred Resources Inc.	The second secon	
	52		WV Minerals Inc.	mary market of the State of the	



FILE NO: 171-12-30-FC-22 DRAWING NO: Barnes 1223 S-9H Well Plat SCALE: 1" = 2000' STATE OF WEST VIRGINIA MINIMUM DEGREE OF ACCURACY: Submeter DEPARTMENT OF ENVIRONMENTAL PROTECTION OIL AND GAS DIVISION PROVEN SOURCE OF ELEVATION: CORS, Bridgeport, WV

			100.0
DATE:	July 2	29	20 24
OPERATOR	'S WELL NO	Barne	s 1223 S-9H
	API W	ELL N	0
47	- 01	7 —	06977
OTATE	************	North Contract of the Contract	THE PERSON NAMED AND POST OF THE PERSON NAMED

WELL TYPE CO.	STATE COUNTY PERMIT
WELL TYPE: □ OIL  図 GAS □ LIQUID INJECTIO (IF GAS) PRODUCTION : □ STORAGE □ I	
LOCATION: ELEVATION: 1,330' WATERSHED: Fink Cru DISTRICT: Cove	QOVDICALIBEE
SURFACE OWNER: Marilyn Barnes, et al	COUNTY: Doddridge
ROYALTY OWNER: Carolyn Rastle Bass, et al  PROPOSED WORK: DRILL CONVERT DRILL DE  PERFORATE NEW FORMATION DOTHER PHYSIC.	EPER MERACTURE OR STIMULATE TRULO OFF OLD TODAY
WELL OPERATOR: HG Energy II Appalachia, LLC ADDRESS: 5260 Dupont Road Parkersburg, WV 26101	DESIGNATED AGENT: Diane C. White ADDRESS: 5260 Dupont Road Parkersburg, WV 26101

(39)

WW-6A1 (5/13)

Operator's Well No.	Barnes 1223 S-913	20000000X

### 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

RECEIVED Office of Oil and Gas

\*\*See Attached Sheets\*\*

AUG 9 2024

WV Department of Environmental Protection

Co-Tenancy utilization - At least 75% of the royalty owners have consented to the lawful use or development of the natural gas mineral property on the tract. The interests of the remaining co-tenants will be secured pursuant to the Co-Tenancy Act

Horizontal Well Unit Utilization - Subjet to unitilization filing with te WV Oil and Gas Conservation Commission

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

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

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

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

Well Operator: HG Energy II Appalachia, LLC

By: Diane White Diane White

Its: Agent

Page 1 of 10

### HG Energy II Appalachia, LLC Barnes 1223 S-9H Lease Chain

		LEGACY LEASE							
	1223S Tract	NUMBER	TAX MAP	LEASE NUMBER	GRANTOR/LESSOR	GRANTEE/LESSEE	ROYALTY	DEED BOOK	PAGE
					Carolyn Rastle Bass	HG ENERGY II APPALACHIA LLC	NOT LESS THAN 1/8	520	529
					Marilyn Rastle Barnes	HG ENERGY II APPALACHIA LLC	NOT LESS THAN 1/8	520	527
	4	HGII02150 et al	02 0040 0046 0000	HGII02150 et al	Richard E. Spracklen	HG ENERGY II APPALACHIA LLC	NOT LESS THAN 1/8	521	214
Х	1	nGiluz 150 et ai	02-0010-0016-0000	nGiiuz 150 et ai	Chad W. Johnson			500	298
						HG ENERGY II APPALACHIA LLC	NOT LESS THAN 1/8		
					James J. Cava, Jr.	HG ENERGY II APPALACHIA LLC	NOT LESS THAN 1/8	501	398
					James L. Marsh	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	515	618
					Carol Ann Henry	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	515	624
					Donna Jean Getsinger	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	515	622
					Jane White AKA Carolyn Jane White	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	515	620
					Alice Margaret Rastle Taylor	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	514	708
					Yvonne Foster	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	514	710
					Henry Gray Rastle	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	514	417
					Maxine Cole Rastle aka Maxine S. Rastle	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	512	222
					Helen J. McClain	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	516	420
					Christine A. Davis Wampler	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	512 516	581 422
					Nroma C. Bowyer AKA Norma Sue (Cole) Bowyer Cheryl DeWeese	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	516	216
					,	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8		
					Richard Gage Spray  James Edward Postle	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	513 531	134 160
					Michael Eric Robertson	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	521	603
					St. Johannes Lutheran Church of St. Clara,	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	521	331
					by Phyllis Hinterer, Clara Mae Spray, Marion Zorn, Rebecca Strickling,			524	331
Х					and James Strickling Church Council Members	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8		
^	2	HGII03136 ET AL	02-0009-0020-0000	HGII03136 ET AL	Karen Walters Gardner	HG ENERGY II APPALACHIA, LLC	MINERAL DEED	532	428
					William Douglas Robertson	HG ENERGY II APPALACHIA, LLC	MINERAL DEED	532	301
					Gail Frost Venrick, a/k/a, Gail F. Venrick	HG ENERGY II APPALACHIA, LLC	COTENANCY AFFIDAVIT	70	387
					Amanda E. Hamilton	HG ENERGY II APPALACHIA, LLC	COTENANCY AFFIDAVIT	70	387
					Andrew L. Frost	HG ENERGY II APPALACHIA, LLC	COTENANCY AFFIDAVIT	70	387
					George Kent Walters	HG ENERGY II APPALACHIA, LLC	COTENANCY AFFIDAVIT	70	387
					Deborah Lee (Spray) Anderson Guy	HG ENERGY II APPALACHIA, LLC	COTENANCY AFFIDAVIT	70	387
					Susan Lorraine (Spray) Robertson	HG ENERGY II APPALACHIA, LLC	COTENANCY AFFIDAVIT	70	387
					Janet Lynne (Spray) Masimer	HG ENERGY II APPALACHIA, LLC	COTENANCY AFFIDAVIT	70	387
					Robert Daniel Spray	HG ENERGY II APPALACHIA, LLC	COTENANCY AFFIDAVIT	70	387
					The Estate of Timothy David Spray, by Cheryl Deweese, Administrator	HG ENERGY II APPALACHIA, LLC	COTENANCY AFFIDAVIT	70	387
					Kathleen Postle	HG ENERGY II APPALACHIA, LLC	COTENANCY AFFIDAVIT	70	387
					Joel David Robertson	HG ENERGY II APPALACHIA, LLC	COTENANCY AFFIDAVIT	70	387
					Randall Bruce Robertson	HG ENERGY II APPALACHIA, LLC	COTENANCY AFFIDAVIT	70	387
					unknown heirs or successors of Eleanor Jean Landis	HG ENERGY II APPALACHIA, LLC	COTENANCY AFFIDAVIT	70	387
					Phillip C. Parker aka Philip C. Parker	HG ENERGY II APPALACHIA, LLC	COTENANCY AFFIDAVIT	70	387
					Pamela Kinzel AKA Pamela S. Liotta	HG ENERGY II APPALACHIA, LLC	COTENANCY AFFIDAVIT	70	387
					Asset Management, LLC			526	303
					Clay Gatlin, managing member				
					Send docs to John Foster Tyra, PC (Legal Counsel)				
					3496 Firethorn Dr., Tuscaloosa, AL 35405	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8		
					Dale/Peregrine Minerals Fund, LP	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	516	478
				1	Southland Capital Realty Group, LLC	C. I. C. II / II / I.		525	153
				1	T. Todd Martin, III, managing member				
					Selwyn H. Turner, III, managing member Elizabeth Turner, managing member	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8		
				1	Panacea Energy, Inc.	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	529	598
					Upstream Energy, LLC	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	525	151
				ĺ	Billy R. Powell	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	510	370

	i								
	3	LICHO202F FT AL	02 0000 0027 0000	LICHOSOSE ET AL	Estate of Nannie Bell Broocks "Red" Womack, Ellen Womack Giles, Executrix	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8		
Χ	3	HGII03825 ET AL	02-0009-0027-0000	HGII03825 ET AL	Rawls Energy, LLC	ITO ENERGY II ALT ALACHIA, LEC	NOT LESS THAN 1/0	531	490
					······· =·····g), ===				
					James H. Rawls, Managing Member	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8		
					Homer Roberts Collins	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	528	605
					Gold City Mineral Partners, LP	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	507	304
					William Kirkpatrick	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	533	390
					Sylvia Kirkpatrick	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	533	388
					Marilyn Allen	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	510	263
					James E. Poole, Jr.	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	518	278
					Dale Williston Minerals 2012-B, LP	HG ENERGY II APPALACHIA, LLC	COTENANCY AFFIDAVIT	70	391
					John C. Sipple	HG ENERGY II APPALACHIA, LLC	Drilling and Permission to Permit Agreement	535	150
					Pinebelt Oil & Gas, Inc.	HG ENERGY II APPALACHIA, LLC	Drilling and Permission to Permit Agreement	535	162
					Robert M. Newsome	HG ENERGY II APPALACHIA, LLC	Drilling and Permission to Permit Agreement	535	180
Х					Petroleum Properties, LLC	HG ENERGY II APPALACHIA, LLC	COTENANCY AFFIDAVIT	70	391
^	8	FK080709 FEE	02-0013-0018-0000	FK080709 FEE	DOMINION ENERGY TRANSMISSION, INC.	HG Energy II Appalachia, LLC	MINERAL DEED	740	746
			02-0013-0009-0000						
Х	10	FK079326 FEE	02-0014-0006-0000	FK079326 FEE	DOMINION ENERGY TRANSMISSION, INC.	HO Francis II Association III O	MINERAL DEED	740	7,00
ļ			03-001D-0005-0000	ļ	DOMINION ENERGY TRANSMISSION, INC.	HG Energy II Appalachia, LLC	MINERAL DEED	740	746
					WILLIAM H. HALL AND MARY E. HALL	SOUTH PENN OIL COMPANY	NOT LESS THAN 1/8	24	364
					SOUTH PENN OIL COMPANY	SOUTH PENN NATURAL GAS CO	ASSIGNMENT	156	570
					SOUTH PENN NATURAL GAS CO	HOPE NATURAL GAS COMPANY	ASSIGNMENT	106	494
					HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	294	89
					CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	425	127
					CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	51	795
			03-001D-0016-0000		CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	58	362
Х		EKOE 4022	03-001D-0008-0000		DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM OF FARMOUT AGREEMENT	672	154
^	13	FK054822	03-001D-0008-0001	Q101029000	CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	684	57
		FK079060 FEE	03-001D-0007-0000		DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	712	848
			03-001E-0012-0000		CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	717	1
					NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	722	170
					DOMINON TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
							SECOND AMENDMENT TO MEMORANDUM OF		400
					DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	FARMOUT AGREEMENT	723	499
					·		THIRD AMENDMENT TO MEMORANDUM OF FARMOUT		
					DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT	734	558
					DOMINION ENERGY TRANSMISSION, INC. DOMINION ENERGY TRANSMISSION, INC.		THIRD AMENDMENT TO MEMORANDUM OF FARMOUT		
					DOMINION ENERGY TRANSMISSION, INC. DOMINION ENERGY TRANSMISSION, INC. FRANK RASTLE AND MARGARET A. RASTLE, HIS WIFE; AND M. J.	HG ENERGY II APPALACHIA, LLC HG ENERGY II APPALACHIA, LLC	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT ASSIGNMENT (68%)	734	558 220
					DOMINION ENERGY TRANSMISSION, INC. DOMINION ENERGY TRANSMISSION, INC. FRANK RASTLE AND MARGARET A. RASTLE, HIS WIFE; AND M. J. LOVETT	HG ENERGY II APPALACHIA, LLC HG ENERGY II APPALACHIA, LLC A. F. GUM AND G. B. DETERMAN	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT ASSIGNMENT (68%) NOT LESS THAN 1/8	734 736 92	558 220 531
					DOMINION ENERGY TRANSMISSION, INC. DOMINION ENERGY TRANSMISSION, INC. FRANK RASTLE AND MARGARET A. RASTLE, HIS WIFE; AND M. J. LOVETT A. F. GUM	HG ENERGY II APPALACHIA, LLC HG ENERGY II APPALACHIA, LLC A. F. GUM AND G. B. DETERMAN G. B. DETERMAN	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT ASSIGNMENT (68%) NOT LESS THAN 1/8 ASSIGNMENT	734	558 220 531 576
					DOMINION ENERGY TRANSMISSION, INC. DOMINION ENERGY TRANSMISSION, INC. FRANK RASTLE AND MARGARET A. RASTLE, HIS WIFE; AND M. J. LOVETT	HG ENERGY II APPALACHIA, LLC HG ENERGY II APPALACHIA, LLC A. F. GUM AND G. B. DETERMAN	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT ASSIGNMENT (68%) NOT LESS THAN 1/8	734 736 92	558 220 531
					DOMINION ENERGY TRANSMISSION, INC. DOMINION ENERGY TRANSMISSION, INC. FRANK RASTLE AND MARGARET A. RASTLE, HIS WIFE; AND M. J. LOVETT A. F. GUM G. B. DETERMAN	HG ENERGY II APPALACHIA, LLC HG ENERGY II APPALACHIA, LLC A. F. GUM AND G. B. DETERMAN G. B. DETERMAN	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT ASSIGNMENT (68%) NOT LESS THAN 1/8 ASSIGNMENT	734 736 92	558 220 531 576
					DOMINION ENERGY TRANSMISSION, INC. DOMINION ENERGY TRANSMISSION, INC. FRANK RASTLE AND MARGARET A. RASTLE, HIS WIFE; AND M. J. LOVETT A. F. GUM G. B. DETERMAN JOHNSON C. MCKINLEY AND HUNTER M. BENNETT, EXECUTORS OF THE	HG ENERGY II APPALACHIA, LLC HG ENERGY II APPALACHIA, LLC  A. F. GUM AND G. B. DETERMAN G. B. DETERMAN LOUIS BENNETT AND W. H. AHNER	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT ASSIGNMENT (68%)  NOT LESS THAN 1/8 ASSIGNMENT ASSIGNMENT	734 736 92	558 220 531 576 576
					DOMINION ENERGY TRANSMISSION, INC. DOMINION ENERGY TRANSMISSION, INC. FRANK RASTLE AND MARGARET A. RASTLE, HIS WIFE; AND M. J. LOVETT A. F. GUM G. B. DETERMAN JOHNSON C. MCKINLEY AND HUNTER M. BENNETT, EXECUTORS OF THE LAST WILL AND TESTAMENT OF LOUIS BENNETT, SR. DECEASED	HG ENERGY II APPALACHIA, LLC HG ENERGY II APPALACHIA, LLC  A. F. GUM AND G. B. DETERMAN G. B. DETERMAN LOUIS BENNETT AND W. H. AHNER  AGRA B. MCKINLEY	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT ASSIGNMENT (68%)  NOT LESS THAN 1/8 ASSIGNMENT ASSIGNMENT  CONVEYANCE/ASSIGNMENT	734 736 92 95 95	558 220 531 576 576
					DOMINION ENERGY TRANSMISSION, INC. DOMINION ENERGY TRANSMISSION, INC. FRANK RASTLE AND MARGARET A. RASTLE, HIS WIFE; AND M. J. LOVETT A. F. GUM G. B. DETERMAN JOHNSON C. MCKINLEY AND HUNTER M. BENNETT, EXECUTORS OF THE	HG ENERGY II APPALACHIA, LLC HG ENERGY II APPALACHIA, LLC  A. F. GUM AND G. B. DETERMAN G. B. DETERMAN LOUIS BENNETT AND W. H. AHNER	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT ASSIGNMENT (68%)  NOT LESS THAN 1/8 ASSIGNMENT ASSIGNMENT	734 736 92	558 220 531 576 576
					DOMINION ENERGY TRANSMISSION, INC. DOMINION ENERGY TRANSMISSION, INC. FRANK RASTLE AND MARGARET A. RASTLE, HIS WIFE; AND M. J. LOVETT A. F. GUM G. B. DETERMAN JOHNSON C. MCKINLEY AND HUNTER M. BENNETT, EXECUTORS OF THE LAST WILL AND TESTAMENT OF LOUIS BENNETT, SR. DECEASED W.H. AHNER AND MYRTLE AHNER, HIS WIFE	HG ENERGY II APPALACHIA, LLC HG ENERGY II APPALACHIA, LLC  A. F. GUM AND G. B. DETERMAN G. B. DETERMAN LOUIS BENNETT AND W. H. AHNER  AGRA B. MCKINLEY ERNEST G. SMITH, IN TRUST	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT ASSIGNMENT (68%)  NOT LESS THAN 1/8 ASSIGNMENT ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT	734 736 92 95 95 1	558 220 531 576 576 576
					DOMINION ENERGY TRANSMISSION, INC.  DOMINION ENERGY TRANSMISSION, INC.  FRANK RASTLE AND MARGARET A. RASTLE, HIS WIFE; AND M. J. LOVETT A. F. GUM G. B. DETERMAN  JOHNSON C. MCKINLEY AND HUNTER M. BENNETT, EXECUTORS OF THE LAST WILL AND TESTAMENT OF LOUIS BENNETT, SR. DECEASED W.H. AHNER AND MYRTLE AHNER, HIS WIFE W.H. AHNER AND MYRTLE AHNER, HIS WIFE; AND ERNEST G. SMITH	HG ENERGY II APPALACHIA, LLC HG ENERGY II APPALACHIA, LLC  A. F. GUM AND G. B. DETERMAN G. B. DETERMAN LOUIS BENNETT AND W. H. AHNER  AGRA B. MCKINLEY	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT ASSIGNMENT (68%)  NOT LESS THAN 1/8 ASSIGNMENT ASSIGNMENT  CONVEYANCE/ASSIGNMENT	734 736 92 95 95	558 220 531 576 576 576
					DOMINION ENERGY TRANSMISSION, INC.  DOMINION ENERGY TRANSMISSION, INC.  FRANK RASTLE AND MARGARET A. RASTLE, HIS WIFE; AND M. J. LOVETT  A. F. GUM G. B. DETERMAN  JOHNSON C. MCKINLEY AND HUNTER M. BENNETT, EXECUTORS OF THE LAST WILL AND TESTAMENT OF LOUIS BENNETT, SR. DECEASED W.H. AHNER AND MYRTLE AHNER, HIS WIFE W.H. AHNER AND MYRTLE AHNER, HIS WIFE; AND ERNEST G. SMITH TRUSTEE	HG ENERGY II APPALACHIA, LLC HG ENERGY II APPALACHIA, LLC  A. F. GUM AND G. B. DETERMAN G. B. DETERMAN LOUIS BENNETT AND W. H. AHNER  AGRA B. MCKINLEY ERNEST G. SMITH, IN TRUST  AGRA B. MCKINLEY	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT ASSIGNMENT (68%)  NOT LESS THAN 1/8 ASSIGNMENT ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT	734 736 92 95 95 1 1 15	558 220 531 576 576 576 13 460 504 329
					DOMINION ENERGY TRANSMISSION, INC. DOMINION ENERGY TRANSMISSION, INC. FRANK RASTLE AND MARGARET A. RASTLE, HIS WIFE; AND M. J. LOVETT A. F. GUM G. B. DETERMAN  JOHNSON C. MCKINLEY AND HUNTER M. BENNETT, EXECUTORS OF THE LAST WILL AND TESTAMENT OF LOUIS BENNETT, SR. DECEASED W.H. AHNER AND MYRTLE AHNER, HIS WIFE W.H. AHNER AND MYRTLE AHNER, HIS WIFE; AND ERNEST G. SMITH TRUSTEE HOMER THOMPSON AND RACHAEL THOMPSON, HIS WIFE FRANK RASTLE AND MARGARET A. RASTLE, HIS WIFE	HG ENERGY II APPALACHIA, LLC HG ENERGY II APPALACHIA, LLC  A. F. GUM AND G. B. DETERMAN G. B. DETERMAN LOUIS BENNETT AND W. H. AHNER  AGRA B. MCKINLEY ERNEST G. SMITH, IN TRUST  AGRA B. MCKINLEY FRANK RASTLE	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT ASSIGNMENT (68%)  NOT LESS THAN 1/8 ASSIGNMENT ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT	734 736 92 95 95 95 1 1 15	558 220 531 576 576 576
					DOMINION ENERGY TRANSMISSION, INC. DOMINION ENERGY TRANSMISSION, INC. FRANK RASTLE AND MARGARET A. RASTLE, HIS WIFE; AND M. J. LOVETT A. F. GUM G. B. DETERMAN  JOHNSON C. MCKINLEY AND HUNTER M. BENNETT, EXECUTORS OF THE LAST WILL AND TESTAMENT OF LOUIS BENNETT, SR. DECEASED W.H. AHNER AND MYRTLE AHNER, HIS WIFE W.H. AHNER AND MYRTLE AHNER, HIS WIFE; AND ERNEST G. SMITH TRUSTEE HOMER THOMPSON AND RACHAEL THOMPSON, HIS WIFE FRANK RASTLE AND MARGARET A. RASTLE, HIS WIFE AGRA B MCKINLEY AND JOHNSON C. MCKINLEY, HER HUSBAND	HG ENERGY II APPALACHIA, LLC HG ENERGY II APPALACHIA, LLC  A. F. GUM AND G. B. DETERMAN G. B. DETERMAN LOUIS BENNETT AND W. H. AHNER  AGRA B. MCKINLEY ERNEST G. SMITH, IN TRUST  AGRA B. MCKINLEY FRANK RASTLE AGRA B. MCKINLEY ROY TALBOTT	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT ASSIGNMENT (68%)  NOT LESS THAN 1/8 ASSIGNMENT ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT	734 736 92 95 95 1 1 15 117 100	558 220 531 576 576 13 460 504 329 135
					DOMINION ENERGY TRANSMISSION, INC. DOMINION ENERGY TRANSMISSION, INC. FRANK RASTLE AND MARGARET A. RASTLE, HIS WIFE; AND M. J. LOVETT A. F. GUM G. B. DETERMAN  JOHNSON C. MCKINLEY AND HUNTER M. BENNETT, EXECUTORS OF THE LAST WILL AND TESTAMENT OF LOUIS BENNETT, SR. DECEASED W.H. AHNER AND MYRTLE AHNER, HIS WIFE W.H. AHNER AND MYRTLE AHNER, HIS WIFE; AND ERNEST G. SMITH TRUSTEE HOMER THOMPSON AND RACHAEL THOMPSON, HIS WIFE FRANK RASTLE AND MARGARET A. RASTLE, HIS WIFE	HG ENERGY II APPALACHIA, LLC HG ENERGY II APPALACHIA, LLC  A. F. GUM AND G. B. DETERMAN G. B. DETERMAN LOUIS BENNETT AND W. H. AHNER  AGRA B. MCKINLEY ERNEST G. SMITH, IN TRUST  AGRA B. MCKINLEY FRANK RASTLE AGRA B. MCKINLEY ROY TALBOTT	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT ASSIGNMENT (68%)  NOT LESS THAN 1/8 ASSIGNMENT ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT	734 736 92 95 95 1 1 15 117 100	558 220 531 576 576 13 460 504 329 135
			03-001E-0011-0000		DOMINION ENERGY TRANSMISSION, INC. DOMINION ENERGY TRANSMISSION, INC. FRANK RASTLE AND MARGARET A. RASTLE, HIS WIFE; AND M. J. LOVETT A. F. GUM G. B. DETERMAN  JOHNSON C. MCKINLEY AND HUNTER M. BENNETT, EXECUTORS OF THE LAST WILL AND TESTAMENT OF LOUIS BENNETT, SR. DECEASED W.H. AHNER AND MYRTLE AHNER, HIS WIFE W.H. AHNER AND MYRTLE AHNER, HIS WIFE; AND ERNEST G. SMITH TRUSTEE HOMER THOMPSON AND RACHAEL THOMPSON, HIS WIFE FRANK RASTLE AND MARGARET A. RASTLE, HIS WIFE AGRA B MCKINLEY AND JOHNSON C. MCKINLEY, HER HUSBAND MARY TALBOTT IN HER OWN RIGHT AND AS ADMINISTRATRIX OF THE	HG ENERGY II APPALACHIA, LLC HG ENERGY II APPALACHIA, LLC  A. F. GUM AND G. B. DETERMAN G. B. DETERMAN LOUIS BENNETT AND W. H. AHNER  AGRA B. MCKINLEY ERNEST G. SMITH, IN TRUST  AGRA B. MCKINLEY FRANK RASTLE AGRA B. MCKINLEY ROY TALBOTT C. M. BENNETT, THOMAS J. GILLOOLY AND W. C. BLACK,	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT ASSIGNMENT (68%)  NOT LESS THAN 1/8 ASSIGNMENT ASSIGNMENT  CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT	734 736 92 95 95 95 1 15 117 100 118 125	558 220 531 576 576 13 460 504 329 135 428
		FINAL ACCE	03-001E-0013-0000		DOMINION ENERGY TRANSMISSION, INC. DOMINION ENERGY TRANSMISSION, INC. FRANK RASTLE AND MARGARET A. RASTLE, HIS WIFE; AND M. J. LOVETT A. F. GUM G. B. DETERMAN  JOHNSON C. MCKINLEY AND HUNTER M. BENNETT, EXECUTORS OF THE LAST WILL AND TESTAMENT OF LOUIS BENNETT, SR. DECEASED W.H. AHNER AND MYRTLE AHNER, HIS WIFE W.H. AHNER AND MYRTLE AHNER, HIS WIFE; AND ERNEST G. SMITH TRUSTEE HOMER THOMPSON AND RACHAEL THOMPSON, HIS WIFE FRANK RASTLE AND MARGARET A. RASTLE, HIS WIFE AGRA B MCKINLEY AND JOHNSON C. MCKINLEY, HER HUSBAND MARY TALBOTT IN HER OWN RIGHT AND AS ADMINISTRATRIX OF THE ESTATE OF ROY TALBOTT, DECEASED	HG ENERGY II APPALACHIA, LLC HG ENERGY II APPALACHIA, LLC  A. F. GUM AND G. B. DETERMAN G. B. DETERMAN LOUIS BENNETT AND W. H. AHNER  AGRA B. MCKINLEY ERNEST G. SMITH, IN TRUST  AGRA B. MCKINLEY FRANK RASTLE AGRA B. MCKINLEY ROY TALBOTT C. M. BENNETT, THOMAS J. GILLOOLY AND W. C. BLACK,	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT ASSIGNMENT (68%)  NOT LESS THAN 1/8 ASSIGNMENT ASSIGNMENT  CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT	734 736 92 95 95 95 1 15 117 100 118 125	558 220 531 576 576 13 460 504 329 135 428
x	14	FK054835	03-001E-0013-0000 03-001E-0014-0000	Q101032000	DOMINION ENERGY TRANSMISSION, INC. DOMINION ENERGY TRANSMISSION, INC. FRANK RASTLE AND MARGARET A. RASTLE, HIS WIFE; AND M. J. LOVETT A. F. GUM G. B. DETERMAN  JOHNSON C. MCKINLEY AND HUNTER M. BENNETT, EXECUTORS OF THE LAST WILL AND TESTAMENT OF LOUIS BENNETT, SR. DECEASED W.H. AHNER AND MYRTLE AHNER, HIS WIFE W.H. AHNER AND MYRTLE AHNER, HIS WIFE; AND ERNEST G. SMITH TRUSTEE HOMER THOMPSON AND RACHAEL THOMPSON, HIS WIFE FRANK RASTLE AND MARGARET A. RASTLE, HIS WIFE FRANK RASTLE AND MARGARET A. RASTLE, HIS WIFE AGRA B MCKINLEY AND JOHNSON C. MCKINLEY, HER HUSBAND MARY TALBOTT IN HER OWN RIGHT AND AS ADMINISTRATRIX OF THE ESTATE OF ROY TALBOTT, DECEASED C. M. BENNETT, THOMAS J. GILLOOLY AND W. C. BLACK, PARTNERS	HG ENERGY II APPALACHIA, LLC HG ENERGY II APPALACHIA, LLC  A. F. GUM AND G. B. DETERMAN G. B. DETERMAN LOUIS BENNETT AND W. H. AHNER  AGRA B. MCKINLEY ERNEST G. SMITH, IN TRUST  AGRA B. MCKINLEY FRANK RASTLE AGRA B. MCKINLEY ROY TALBOTT C. M. BENNETT, THOMAS J. GILLOOLY AND W. C. BLACK, PARTNERS DBA C. M. BENNETT AND COMPANY	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT ASSIGNMENT (68%)  NOT LESS THAN 1/8 ASSIGNMENT ASSIGNMENT  CONVEYANCE/ASSIGNMENT	734 736 92 95 95 95 1 1 15 117 100 118 125	558 220 531 576 576 13 460 504 329 135 428
X	14	FK054835 FK080833 FEE	03-001E-0013-0000 03-001E-0014-0000 03-001E-0026-0000	Q101032000	DOMINION ENERGY TRANSMISSION, INC. DOMINION ENERGY TRANSMISSION, INC. FRANK RASTLE AND MARGARET A. RASTLE, HIS WIFE; AND M. J. LOVETT A. F. GUM G. B. DETERMAN  JOHNSON C. MCKINLEY AND HUNTER M. BENNETT, EXECUTORS OF THE LAST WILL AND TESTAMENT OF LOUIS BENNETT, SR. DECEASED W.H. AHNER AND MYRTLE AHNER, HIS WIFE W.H. AHNER AND MYRTLE AHNER, HIS WIFE; AND ERNEST G. SMITH TRUSTEE HOMER THOMPSON AND RACHAEL THOMPSON, HIS WIFE FRANK RASTLE AND MARGARET A. RASTLE, HIS WIFE AGRA B MCKINLEY AND JOHNSON C. MCKINLEY, HER HUSBAND MARY TALBOTT IN HER OWN RIGHT AND AS ADMINISTRATRIX OF THE ESTATE OF ROY TALBOTT, DECEASED C. M. BENNETT, THOMAS J. GILLOOLY AND W. C. BLACK, PARTNERS DBA C. M. BENNETT AND COMPANY	HG ENERGY II APPALACHIA, LLC  A. F. GUM AND G. B. DETERMAN  G. B. DETERMAN  LOUIS BENNETT AND W. H. AHNER  AGRA B. MCKINLEY  ERNEST G. SMITH, IN TRUST  AGRA B. MCKINLEY  FRANK RASTLE  AGRA B. MCKINLEY  C. M. BENNETT, THOMAS J. GILLOOLY AND W. C. BLACK, PARTNERS DBA C. M. BENNETT AND COMPANY  GILCO OIL & GAS COMPANY	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT ASSIGNMENT (68%)  NOT LESS THAN 1/8 ASSIGNMENT ASSIGNMENT  CONVEYANCE/ASSIGNMENT ASSIGNMENT	734 736 92 95 95 95 11 15 117 100 118 125	558 220 531 576 576 576 13 460 504 329 135 428
X	14		03-001E-0013-0000 03-001E-0014-0000 03-001E-0026-0000 03-001E-0028-0000	Q101032000	DOMINION ENERGY TRANSMISSION, INC. DOMINION ENERGY TRANSMISSION, INC. FRANK RASTLE AND MARGARET A. RASTLE, HIS WIFE; AND M. J. LOVETT A. F. GUM G. B. DETERMAN  JOHNSON C. MCKINLEY AND HUNTER M. BENNETT, EXECUTORS OF THE LAST WILL AND TESTAMENT OF LOUIS BENNETT, SR. DECEASED W.H. AHNER AND MYRTLE AHNER, HIS WIFE; AND ERNEST G. SMITH TRUSTEE HOMER THOMPSON AND RACHAEL THOMPSON, HIS WIFE FRANK RASTLE AND MARGARET A. RASTLE, HIS WIFE AGRA B MCKINLEY AND JOHNSON C. MCKINLEY, HER HUSBAND MARY TALBOTT IN HER OWN RIGHT AND AS ADMINISTRATRIX OF THE ESTATE OF ROY TALBOTT, DECEASED C. M. BENNETT, THOMAS J. GILLOOLY AND W. C. BLACK, PARTNERS DBA C. M. BENNETT AND COMPANY GILCO OIL & GAS COMPANY	HG ENERGY II APPALACHIA, LLC HG ENERGY II APPALACHIA, LLC  A. F. GUM AND G. B. DETERMAN G. B. DETERMAN LOUIS BENNETT AND W. H. AHNER  AGRA B. MCKINLEY ERNEST G. SMITH, IN TRUST  AGRA B. MCKINLEY FRANK RASTLE AGRA B. MCKINLEY ROY TALBOTT C. M. BENNETT, THOMAS J. GILLOOLY AND W. C. BLACK, PARTNERS DBA C. M. BENNETT AND COMPANY  GILCO OIL & GAS COMPANY SOUTH PENN OIL COMPANY	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT ASSIGNMENT (68%)  NOT LESS THAN 1/8 ASSIGNMENT ASSIGNMENT  CONVEYANCE/ASSIGNMENT ASSIGNMENT ASSIGNMENT ASSIGNMENT	734 736 92 95 95 95 1 1 15 117 100 118 125 125	558 220 531 576 576 576 13 460 504 329 135 428 429
×	14		03-001E-0013-0000 03-001E-0014-0000 03-001E-0026-0000	Q101032000	DOMINION ENERGY TRANSMISSION, INC. DOMINION ENERGY TRANSMISSION, INC. FRANK RASTLE AND MARGARET A. RASTLE, HIS WIFE; AND M. J. LOVETT A. F. GUM G. B. DETERMAN  JOHNSON C. MCKINLEY AND HUNTER M. BENNETT, EXECUTORS OF THE LAST WILL AND TESTAMENT OF LOUIS BENNETT, SR. DECEASED W.H. AHNER AND MYRTLE AHNER, HIS WIFE W.H. AHNER AND MYRTLE AHNER, HIS WIFE; AND ERNEST G. SMITH TRUSTEE HOMER THOMPSON AND RACHAEL THOMPSON, HIS WIFE FRANK RASTLE AND MARGARET A. RASTLE, HIS WIFE AGRA B MCKINLEY AND JOHNSON C. MCKINLEY, HER HUSBAND MARY TALBOTT IN HER OWN RIGHT AND AS ADMINISTRATRIX OF THE ESTATE OF ROY TALBOTT, DECEASED C. M. BENNETT, THOMAS J. GILLOOLY AND W. C. BLACK, PARTNERS DBA C. M. BENNETT AND COMPANY GILCO OIL & GAS COMPANY SOUTH PENN OIL COMPANY	HG ENERGY II APPALACHIA, LLC HG ENERGY II APPALACHIA, LLC  A. F. GUM AND G. B. DETERMAN G. B. DETERMAN LOUIS BENNETT AND W. H. AHNER  AGRA B. MCKINLEY ERNEST G. SMITH, IN TRUST  AGRA B. MCKINLEY FRANK RASTLE AGRA B. MCKINLEY ROY TALBOTT C. M. BENNETT, THOMAS J. GILLOOLY AND W. C. BLACK, PARTNERS DBA C. M. BENNETT AND COMPANY GILCO OIL & GAS COMPANY SOUTH PENN OIL COMPANY SOUTH PENN OIL COMPANY	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT ASSIGNMENT (68%)  NOT LESS THAN 1/8 ASSIGNMENT ASSIGNMENT  CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT ASSIGNMENT ASSIGNMENT ASSIGNMENT ASSIGNMENT ASSIGNMENT	734 736  92 95 95 1 1 15 117 100 118 125 125 125 125	558 220 531 576 576 576 13 460 504 329 135 428 429 46 174 570
x	14		03-001E-0013-0000 03-001E-0014-0000 03-001E-0026-0000 03-001E-0028-0000	Q101032000	DOMINION ENERGY TRANSMISSION, INC. DOMINION ENERGY TRANSMISSION, INC. FRANK RASTLE AND MARGARET A. RASTLE, HIS WIFE; AND M. J. LOVETT A. F. GUM G. B. DETERMAN  JOHNSON C. MCKINLEY AND HUNTER M. BENNETT, EXECUTORS OF THE LAST WILL AND TESTAMENT OF LOUIS BENNETT, SR. DECEASED W.H. AHNER AND MYRTLE AHNER, HIS WIFE W.H. AHNER AND MYRTLE AHNER, HIS WIFE; AND ERNEST G. SMITH TRUSTEE HOMER THOMPSON AND RACHAEL THOMPSON, HIS WIFE FRANK RASTLE AND MARGARET A. RASTLE, HIS WIFE AGRA B MCKINLEY AND JOHNSON C. MCKINLEY, HER HUSBAND MARY TALBOTT IN HER OWN RIGHT AND AS ADMINISTRATRIX OF THE ESTATE OF ROY TALBOTT, DECEASED C. M. BENNETT, THOMAS J. GILLOOLY AND W. C. BLACK, PARTNERS DBA C. M. BENNETT AND COMPANY GILCO OIL & GAS COMPANY SOUTH PENN OIL COMPANY SOUTH PENN OIL COMPANY	HG ENERGY II APPALACHIA, LLC HG ENERGY II APPALACHIA, LLC  A. F. GUM AND G. B. DETERMAN G. B. DETERMAN LOUIS BENNETT AND W. H. AHNER  AGRA B. MCKINLEY ERNEST G. SMITH, IN TRUST  AGRA B. MCKINLEY FRANK RASTLE AGRA B. MCKINLEY ROY TALBOTT C. M. BENNETT, THOMAS J. GILLOOLY AND W. C. BLACK, PARTNERS DBA C. M. BENNETT AND COMPANY  GILCO OIL & GAS COMPANY SOUTH PENN OIL COMPANY SOUTH PENN NATURAL GAS CO HOPE NATURAL GAS COMPANY	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT ASSIGNMENT (68%)  NOT LESS THAN 1/8 ASSIGNMENT ASSIGNMENT  CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT ASSIGNMENT ASSIGNMENT ASSIGNMENT ASSIGNMENT ASSIGNMENT ASSIGNMENT ASSIGNMENT	734 736 92 95 95 95 1 1 15 117 100 118 125 125 129 138 156 166	558 220 531 576 576 576 576 13 460 504 329 135 428 429 46 174 570 494
X	14		03-001E-0013-0000 03-001E-0014-0000 03-001E-0026-0000 03-001E-0028-0000	Q101032000	DOMINION ENERGY TRANSMISSION, INC. DOMINION ENERGY TRANSMISSION, INC. FRANK RASTLE AND MARGARET A. RASTLE, HIS WIFE; AND M. J. LOVETT A. F. GUM G. B. DETERMAN  JOHNSON C. MCKINLEY AND HUNTER M. BENNETT, EXECUTORS OF THE LAST WILL AND TESTAMENT OF LOUIS BENNETT, SR. DECEASED W.H. AHNER AND MYRTLE AHNER, HIS WIFE W.H. AHNER AND MYRTLE AHNER, HIS WIFE; AND ERNEST G. SMITH TRUSTEE HOMER THOMPSON AND RACHAEL THOMPSON, HIS WIFE FRANK RASTLE AND MARGARET A. RASTLE, HIS WIFE AGRA B MCKINLEY AND JOHNSON C. MCKINLEY, HER HUSBAND MARY TALBOTT IN HER OWN RIGHT AND AS ADMINISTRATRIX OF THE ESTATE OF ROY TALBOTT, DECEASED C. M. BENNETT, THOMAS J. GILLOOLY AND W. C. BLACK, PARTNERS DBA C. M. BENNETT AND COMPANY GOUTH PENN OIL COMPANY SOUTH PENN OIL COMPANY SOUTH PENN NATURAL GAS CO HOPE NATURAL GAS COMPANY	HG ENERGY II APPALACHIA, LLC HG ENERGY II APPALACHIA, LLC  A. F. GUM AND G. B. DETERMAN G. B. DETERMAN LOUIS BENNETT AND W. H. AHNER  AGRA B. MCKINLEY ERNEST G. SMITH, IN TRUST  AGRA B. MCKINLEY FRANK RASTLE AGRA B. MCKINLEY ROY TALBOTT C. M. BENNETT, THOMAS J. GILLOOLY AND W. C. BLACK, PARTNERS DBA C. M. BENNETT AND COMPANY  GILCO OIL & GAS COMPANY SOUTH PENN OIL COMPANY SOUTH PENN NATURAL GAS CO HOPE NATURAL GAS CO HOPE NATURAL GAS COMPANY CONSOLIDATED GAS SUPPLY CORPORATION	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT ASSIGNMENT (68%)  NOT LESS THAN 1/8 ASSIGNMENT ASSIGNMENT  CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT ASSIGNMENT ASSIGNMENT ASSIGNMENT ASSIGNMENT ASSIGNMENT ASSIGNMENT ASSIGNMENT ASSIGNMENT ASSIGNMENT CONFIRMATORY DEED	734 736 92 95 95 95 1 15 117 100 118 125 125 129 138 156 166 294	558 220 531 576 576 576 400 504 329 135 428 429 46 174 570 494
X	14		03-001E-0013-0000 03-001E-0014-0000 03-001E-0026-0000 03-001E-0028-0000	Q101032000	DOMINION ENERGY TRANSMISSION, INC. DOMINION ENERGY TRANSMISSION, INC. FRANK RASTLE AND MARGARET A. RASTLE, HIS WIFE; AND M. J. LOVETT A. F. GUM G. B. DETERMAN  JOHNSON C. MCKINLEY AND HUNTER M. BENNETT, EXECUTORS OF THE LAST WILL AND TESTAMENT OF LOUIS BENNETT, SR. DECEASED W.H. AHNER AND MYRTLE AHNER, HIS WIFE W.H. AHNER AND MYRTLE AHNER, HIS WIFE; AND ERNEST G. SMITH TRUSTEE HOMER THOMPSON AND RACHAEL THOMPSON, HIS WIFE FRANK RASTLE AND MARGARET A. RASTLE, HIS WIFE AGRA B MCKINLEY AND JOHNSON C. MCKINLEY, HER HUSBAND MARY TALBOTT IN HER OWN RIGHT AND AS ADMINISTRATRIX OF THE ESTATE OF ROY TALBOTT, DECEASED C. M. BENNETT, THOMAS J. GILLOOLY AND W. C. BLACK, PARTNERS DBA C. M. BENNETT AND COMPANY GILCO OIL & GAS COMPANY SOUTH PENN NATURAL GAS CO HOPE NATURAL GAS COMPANY CONSOLIDATED GAS SUPPLY CORPORATION	HG ENERGY II APPALACHIA, LLC HG ENERGY II APPALACHIA, LLC  A. F. GUM AND G. B. DETERMAN G. B. DETERMAN LOUIS BENNETT AND W. H. AHNER  AGRA B. MCKINLEY ERNEST G. SMITH, IN TRUST  AGRA B. MCKINLEY FRANK RASTLE AGRA B. MCKINLEY ROY TALBOTT C. M. BENNETT, THOMAS J. GILLOOLY AND W. C. BLACK, PARTNERS DBA C. M. BENNETT AND COMPANY  GILCO OIL & GAS COMPANY SOUTH PENN OIL COMPANY SOUTH PENN NATURAL GAS CO HOPE NATURAL GAS COMPANY CONSOLIDATED GAS SUPPLY CORPORATION CONSOLIDATED GAS TRANSMISSION CORPORATION	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT ASSIGNMENT (68%)  NOT LESS THAN 1/8 ASSIGNMENT ASSIGNMENT  CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT ASSIGNMENT ASSIGNMENT ASSIGNMENT ASSIGNMENT ASSIGNMENT ASSIGNMENT ASSIGNMENT CONFIRMATORY DEED ASSIGNMENT	734 736 92 95 95 95 1 15 117 100 118 125 125 129 138 156 166 294 425	558 220 531 576 576 576 13 460 504 329 135 428 429 46 174 570 494 89
X	14		03-001E-0013-0000 03-001E-0014-0000 03-001E-0026-0000 03-001E-0028-0000	Q101032000	DOMINION ENERGY TRANSMISSION, INC. DOMINION ENERGY TRANSMISSION, INC. FRANK RASTLE AND MARGARET A. RASTLE, HIS WIFE; AND M. J. LOVETT A. F. GUM G. B. DETERMAN  JOHNSON C. MCKINLEY AND HUNTER M. BENNETT, EXECUTORS OF THE LAST WILL AND TESTAMENT OF LOUIS BENNETT, SR. DECEASED W.H. AHNER AND MYRTLE AHNER, HIS WIFE; AND ERNEST G. SMITH TRUSTEE HOMER THOMPSON AND RACHAEL THOMPSON, HIS WIFE FRANK RASTLE AND MARGARET A. RASTLE, HIS WIFE AGRA B MCKINLEY AND JOHNSON C. MCKINLEY, HER HUSBAND MARY TALBOTT IN HER OWN RIGHT AND AS ADMINISTRATRIX OF THE ESTATE OF ROY TALBOTT, DECEASED C. M. BENNETT, THOMAS J. GILLOOLY AND W. C. BLACK, PARTNERS DBA C. M. BENNETT AND COMPANY GILCO OIL & GAS COMPANY SOUTH PENN OIL COMPANY SOUTH PENN NATURAL GAS CO HOPE NATURAL GAS COMPANY CONSOLIDATED GAS SUPPLY CORPORATION	HG ENERGY II APPALACHIA, LLC  HG ENERGY II APPALACHIA, LLC  A. F. GUM AND G. B. DETERMAN  G. B. DETERMAN  LOUIS BENNETT AND W. H. AHNER  AGRA B. MCKINLEY  ERNEST G. SMITH, IN TRUST  AGRA B. MCKINLEY  FRANK RASTLE  AGRA B. MCKINLEY  FRANK RASTLE  AGRA B. MCKINLEY  ROY TALBOTT  C. M. BENNETT, THOMAS J. GILLOOLY AND W. C. BLACK, PARTNERS DBA C. M. BENNETT AND COMPANY  GILCO OIL & GAS COMPANY  SOUTH PENN NATURAL GAS CO  HOPE NATURAL GAS COMPANY  CONSOLIDATED GAS SUPPLY CORPORATION  CONSOLIDATED GAS TRANSMISSION CORPORATION  CNG TRANSMISSION CORPORATION	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT ASSIGNMENT (68%)  NOT LESS THAN 1/8 ASSIGNMENT ASSIGNMENT  CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT ASSIGNMENT ASSIGNMENT ASSIGNMENT ASSIGNMENT ASSIGNMENT CONFIRMATORY DEED ASSIGNMENT MERGER/NAME CHANGE	734 736 92 95 95 95 1 15 117 100 118 125 125 129 138 156 166 294 425	558 220 531 576 576 576 13 460 504 329 135 428 429 46 174 570 494 89 127 795
X	14		03-001E-0013-0000 03-001E-0014-0000 03-001E-0026-0000 03-001E-0028-0000	Q101032000	DOMINION ENERGY TRANSMISSION, INC. DOMINION ENERGY TRANSMISSION, INC. FRANK RASTLE AND MARGARET A. RASTLE, HIS WIFE; AND M. J. LOVETT A. F. GUM G. B. DETERMAN  JOHNSON C. MCKINLEY AND HUNTER M. BENNETT, EXECUTORS OF THE LAST WILL AND TESTAMENT OF LOUIS BENNETT, SR. DECEASED W.H. AHNER AND MYRTLE AHNER, HIS WIFE; AND ERNEST G. SMITH TRUSTEE HOMER THOMPSON AND RACHAEL THOMPSON, HIS WIFE FRANK RASTLE AND MARGARET A. RASTLE, HIS WIFE AGRA B MCKINLEY AND JOHNSON C. MCKINLEY, HER HUSBAND MARY TALBOTT IN HER OWN RIGHT AND AS ADMINISTRATRIX OF THE ESTATE OF ROY TALBOTT, DECEASED C. M. BENNETT, THOMAS J. GILLOOLY AND W. C. BLACK, PARTNERS DBA C. M. BENNETT AND COMPANY GILCO OIL & GAS COMPANY SOUTH PENN OIL COMPANY SOUTH PENN NATURAL GAS CO HOPE NATURAL GAS COMPANY CONSOLIDATED GAS SUPPLY CORPORATION CONSOLIDATED GAS TRANSMISSION CORPORATION	HG ENERGY II APPALACHIA, LLC HG ENERGY II APPALACHIA, LLC  A. F. GUM AND G. B. DETERMAN G. B. DETERMAN LOUIS BENNETT AND W. H. AHNER  AGRA B. MCKINLEY ERNEST G. SMITH, IN TRUST  AGRA B. MCKINLEY FRANK RASTLE AGRA B. MCKINLEY FRANK RASTLE C. M. BENNETT, THOMAS J. GILLOOLY AND W. C. BLACK, PARTNERS DBA C. M. BENNETT AND COMPANY  GILCO OIL & GAS COMPANY SOUTH PENN OIL COMPANY SOUTH PENN NATURAL GAS CO HOPE NATURAL GAS COMPANY CONSOLIDATED GAS SUPPLY CORPORATION CONSOLIDATED GAS TRANSMISSION CORPORATION CNG TRANSMISSION CORPORATION DOMINION TRANSMISSION, INC.	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT ASSIGNMENT (68%)  NOT LESS THAN 1/8 ASSIGNMENT ASSIGNMENT  CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT CONVEYANCE/ASSIGNMENT ASSIGNMENT ASSIGNMENT ASSIGNMENT ASSIGNMENT ASSIGNMENT ASSIGNMENT CONFIRMATORY DEED ASSIGNMENT MERGER/NAME CHANGE MERGER/NAME CHANGE	734 736  92 95 95 95 11 15 117 100 118 125 125 129 138 156 166 294 425 51	558 220 531 576 576 576 13 460 504 329 135 428 429 46 174 570 494 89 127 795 628

No. 00 Control of Co				1	Ī		•	·		
Year						DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	712	848
A							,			1
A						•				170
15   PARKADO   10						DOMINON TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	·	WVSOS	
No.   1879-1879     1879-187								SECOND AMENDMENT TO MEMORANDUM OF		
PRODUCT   PROCESSOR   PROCES						DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC		723	499
Product   Prod										
Name						· ·				
No.	L					DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT (68%)	736	220
No.										
X						DOMINION ENERGY TRANSMISSION, INC.	HG Energy II Appalachia, LLC	MINERAL DEED	740	746
## MELLIAF FEE  ## MODEL FEEL FEEL FEEL FEEL FEEL FEEL FEEL F						Robert K. Hudkins	Robert K. Hudkins		5 1 1004	405
Part   Part   Color   Part   Part   Part   Color   Part   Part   Part   Color   Part   Part   Color   Part   Pa	Х	15	FK081147 FFF	03-001E-0015-0000	FK081147 FFF	Kelly Lee Hydkine Delee Leve	Kalkul as Liudina Dalas Laus			405
Tests A. Brooks   Tests A. B		10		03-001E-0015-0001	111002217122	·	<u> </u>	NOT LESS THAN 1/8	811	355
Totals A. Booked   Social A. Brosses   Section A. Brosses   Section A. Brosses   Section Total Transport   Section Total Transport Total T						Zelia Reeliei aka Zelia Jean Reeliei aka Zelia Waltin Reeliei	Zelia Reellei aka Zelia Jeali Reellei aka Zelia Waltili Reellei	HUO Hearing Schedules 7/30/2024, Oil & Gas Commission	Docket 364	405
A CA DOM AND JUNE TO CHIEF WITE - OPPT MANTERS OR CORRESANY - WOT FEST THAN 1,78 - 272 (MINISTER) AND LONG OF THE MANTERS OR CONTRIBUTION OF THE MANTERS OR						Teresa A. Brooks	Teresa A. Brooks			
A	L							HUO Hearing Schedules 7/30/2024, Oil & Gas Commission	Docket 364	405
Year						C.A. ROHR AND JANE ROHR, HIS WIFE	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	235	83
16						HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	294	89
16						CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	425	127
No. 00   10   10   10   10   10   10   10						CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	51	795
No.   PROSERVED						CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	9	628
Committed   Comm						DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM OF FARMOUT AGREEMENT	672	154
16   POSSORY   S701E-0105-0000   CIV CAS COMPANY LLC   NOBLE PLIKERY, INC.   SASSIGNMENT   7.72						CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	684	57
CAN CASE COMPANY ILC		16	EVOCEOGZ	03 0015 0016 0000	0100720000	DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	712	848
MODIES ENRIGING MIC.   MICHAER PRINCE   MICHAEL   MICHAEL PRINCE	Х	10	FK000007	03-001E-0016-0000	Q100729000	CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	717	1
DOMINION ENERGY TRANSMISSION, INC.						NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	722	170
DOMINION DERIEST TRANSMISSION, INC.   MIS EMERGY II APPALACHA, LLC   THISD AND ENDOMENT TO MEMORIANDUM OF FARMOUT 724						DOMINON TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
DOMINION ENERGY TRANSMISSION, INC.  HIS ENERGY II APPALACHIA, LIC  AGREMENT  734  BURN MINE FAIR  535 MAN MINE FAIR  546 ENERGY II APPALACHIA, LIC  ASSISMMENT (89%)  739  540 MINE FAIR								SECOND AMENDMENT TO MEMORANDUM OF		
DOMINION ENERGY TRANSMISSION, INC.  HIS DENERGY II APPALACHIA, LIC.  ASSIGNMENT (89h) 738  Susan Marie Fair  HIS SERREY II APPALACHIA, LIC.  NOT LESS THAN 1/8 001  Javes Louise Dad. HIS DENERGY II APPALACHIA, LIC. NOT LESS THAN 1/8 001  AVERSES II APPALACHIA, LIC. NOT LESS THAN 1/8 001  Winness I, Immunosia HIS DENERGY II APPALACHIA, LIC. NOT LESS THAN 1/8 001  FOR DATE AND A SERVICE IN THE AND IN THE AN						DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	FARMOUT AGREEMENT	723	499
DOMNION ENERGY TRANSMISSION, INC.   NG FINESY II APPALACHIA, LIC.   NOT LISS THAN 1/R   801.								THIRD AMENDMENT TO MEMORANDUM OF FARMOUT		
Susam Marie Fair						DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	AGREEMENT	734	558
James Louise Deck						DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT (68%)	736	220
Vanessa Lym Lucias         N. ENREY II APPALACHA, LIC         NOT LESS THAN 1/5         807           Kerp Land Services, LLC         N. ENREY II APPALACHA, LIC         NOT LESS THAN 1/5         806           D'I Land Services, LLC         N. ENREY II APPALACHA, LIC         NOT LESS THAN 1/5         806           Lohston Energy Services, LLC         N. ENREY II APPALACHA, LIC         NOT LESS THAN 1/5         806           Keystone Buckeye Energy Holdings, LLC         N. ENREY II APPALACHA, LIC         NOT LESS THAN 1/6         806           Particla Deal         N. ENREY II APPALACHA, LIC         NOT LESS THAN 1/6         806           Reside Deal         N. ENREY II APPALACHA, LIC         NOT LESS THAN 1/8         806           Norn Latina         N. ENREY II APPALACHA, LIC         NOT LESS THAN 1/8         806           Norn Latina         N. ENREY II APPALACHA, LIC         NOT LESS THAN 1/8         807           Lond Rose O'Fara         N. ENREY II APPALACHA, LIC         NOT LESS THAN 1/8         807           Lond Rose O'Fara         N. ENREY II APPALACHA, LIC         NOT LESS THAN 1/8         807           John Kent Burnside         N. ENREY II APPALACHA, LIC         NOT LESS THAN 1/8         807           John Kent Burnside         N. ENREY II APPALACHA, LIC         NOT LESS THAN 1/8         807 <td< td=""><td></td><td></td><td></td><td></td><td></td><td>Susan Marie Fair</td><td>HG ENERGY II APPALACHIA, LLC</td><td>NOT LESS THAN 1/8</td><td>801</td><td>830</td></td<>						Susan Marie Fair	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	801	830
Marp Land Services, LLC						Janet Louise Deck	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	802	966
OT Land Services, LLC         His Dissers of Information         NOT LESS THAN 1/8         805           Johnson Energy Services, LLC         His Dissers of Information         NOT LESS THAN 1/8         805           Keystone Buckeye Energy Holdings, LLC         His Dissers of Information         NOT LESS THAN 1/8         805           Elsie Deal         His Dissers of Information         NOT LESS THAN 1/8         809           Elsie Deal         His Dissers of Information         NOT LESS THAN 1/8         809           Keyin Laltea         His Dissers of Information         NOT LESS THAN 1/8         809           Mary Kemper Clum         His Dissers of Information         His Dissers of Information         NOT LESS THAN 1/8         800           Linding Road O'Harn         His Dissers of Information         His Dissers of Information         NOT LESS THAN 1/8         800           John Kent Burnalde         His Dissers of Information         His Dissers of Information         NOT LESS THAN 1/8         800           James B. Sumpler         His Dissers of Information         His Dissers of Information         NOT LESS THAN 1/8         803           Phillip E. Burnside         His Dissers of Information         His Dissers of Information         NOT LESS THAN 1/8         803           Betta F. Benedum         His Dissers of Information         His Dissers						Vanessa Lynn Lucas	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	801	670
Johnson Energy Services, LLC						Kemp Land Services, LLC	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	805	918
Kaystone Buckeye Energy Holdings, LLC						DT Land Services, LLC	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	805	916
Patricia Deal						Johnson Energy Services, LLC	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	805	906
Elsio Deal						Keystone Buckeye Energy Holdings, LLC	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	805	904
Novin Lattea						Patricia Deal	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	809	772
Mary Kemper Gum						Elsie Deal	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	809	784
Linda Rose O'Hara   HG ENERGY II APPALACHIA, LLC   NOT LESS THAN 1/8   804						Kevin Lattea	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	810	83
Richard Clay Hamrick         HG ENERGY II APPALACHIA, LLC         NOT LESS THAN 1/8         804           John Kent Burnside         HG ENERGY II APPALACHIA, LLC         NOT LESS THAN 1/8         803           James B. Sumpter         HG ENERGY II APPALACHIA, LLC         NOT LESS THAN 1/8         803           Phillip E. Burnside         HG ENERGY II APPALACHIA, LLC         NOT LESS THAN 1/8         803           Bertha F. Benedum         HG ENERGY II APPALACHIA, LLC         NOT LESS THAN 1/8         803           James Linn Burnside         HG ENERGY II APPALACHIA, LLC         NOT LESS THAN 1/8         803           Katherine Sue France         HG ENERGY II APPALACHIA, LLC         NOT LESS THAN 1/8         809           Patrica Lynn Allen         HG ENERGY II APPALACHIA, LLC         NOT LESS THAN 1/8         809           Winifred Sprouse         HG ENERGY II APPALACHIA, LLC         NOT LESS THAN 1/8         809           Mayor Candace Sprouse Passarella aka Candace Passarella         HG ENERGY II APPALACHIA, LLC         NOT LESS THAN 1/8         804           Maby Candace Sprouse Passarella aka Candace Passarella         HG ENERGY II APPALACHIA, LLC         NOT LESS THAN 1/8         804           Mabric Carbon Jennings         HG ENERGY II APPALACHIA, LLC         NOT LESS THAN 1/8         803           Jane E. Fitzpatrick Horn         HG ENERGY II APPALA						Mary Kemper Gum	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	803	342
John Kent Burnside						Linda Rose O'Hara	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	804	87
James B. Sumpter						Richard Clay Hamrick	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	804	466
Phillip E. Burnside						John Kent Burnside	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	803	794
Bertha F. Benedum						James B. Sumpter	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	803	788
James Linn Burnside						Phillip E. Burnside	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	803	448
Katherine Sue France						Bertha F. Benedum	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	803	452
Ratherine Sue France						James Linn Burnside	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	803	460
Winifred Sprouse HG ENERGY II APPALACHIA, LLC NOT LESS THAN 1/8 804 Mary Candace Sprouse Passarella aka Candace Passarella HG ENERGY II APPALACHIA, LLC NOT LESS THAN 1/8 804 Robbin Emory Jennings HG ENERGY II APPALACHIA, LLC NOT LESS THAN 1/8 803 Jane E. Fitzpatrick Horn HG ENERGY II APPALACHIA, LLC NOT LESS THAN 1/8 804 Kimberly Byrd Brodersen AKA Kimberly D. Brodersen HG ENERGY II APPALACHIA, LLC NOT LESS THAN 1/8 803 HIIda Rose Perry HG ENERGY II APPALACHIA, LLC NOT LESS THAN 1/8 802 Carol D. Gum HG ENERGY II APPALACHIA, LLC NOT LESS THAN 1/8 803 Marjorie W. Hyatt, by and through Linda C. Weekley, her Agent and HG ENERGY II APPALACHIA, LLC NOT LESS THAN 1/8 803 Marjorie W. Hyatt, by and through Linda C. Weekley, her Agent and HG ENERGY II APPALACHIA, LLC NOT LESS THAN 1/8 803 Marjorie W. Hyatt, by and through Linda C. Weekley, her Agent and HG ENERGY II APPALACHIA, LLC NOT LESS THAN 1/8 803						Katherine Sue France	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	809	780
Mary Candace Sprouse Passarella aka Candace Passarella HG ENERGY II APPALACHIA, LLC NOT LESS THAN 1/8 804 Robbin Emory Jennings HG ENERGY II APPALACHIA, LLC NOT LESS THAN 1/8 803 Jane E. Fitzpatrick Horn HG ENERGY II APPALACHIA, LLC NOT LESS THAN 1/8 804 Kimberly Byrd Brodersen AKA Kimberly D. Brodersen HG ENERGY II APPALACHIA, LLC NOT LESS THAN 1/8 803 Hilda Rose Perry HG ENERGY II APPALACHIA, LLC NOT LESS THAN 1/8 802 Carolyn Determan and John Determan, husband and wife HG ENERGY II APPALACHIA, LLC NOT LESS THAN 1/8 802 Carol D. Gum HG ENERGY II APPALACHIA, LLC NOT LESS THAN 1/8 803 Marjorie W. Hyatt, by and through Linda C. Weekley, her Agent and HG ENERGY II APPALACHIA, LLC NOT LESS THAN 1/8 803 Marjorie W. Hyatt, by and through Linda C. Weekley, her Agent and						Patricia Lynn Allen	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	809	393
Robbin Emory Jennings HG ENERGY II APPALACHIA, LLC NOT LESS THAN 1/8 803  Jane E. Fitzpatrick Horn HG ENERGY II APPALACHIA, LLC NOT LESS THAN 1/8 804  Kimberly Byrd Brodersen AKA Kimberly D. Brodersen HG ENERGY II APPALACHIA, LLC NOT LESS THAN 1/8 803  Hilda Rose Perry HG ENERGY II APPALACHIA, LLC NOT LESS THAN 1/8 802  Carolyn Determan and John Determan, husband and wife HG ENERGY II APPALACHIA, LLC NOT LESS THAN 1/8 802  Carol D. Gum HG ENERGY II APPALACHIA, LLC NOT LESS THAN 1/8 803  Marjorie W. Hyatt, by and through Linda C. Weekley, her Agent and HG ENERGY II APPALACHIA, LLC NOT LESS THAN 1/8 803						·	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8		83
Jane E. Fitzpatrick Horn  HG ENERGY II APPALACHIA, LLC  NOT LESS THAN 1/8  804  Kimberly Byrd Brodersen AKA Kimberly D. Brodersen  HG ENERGY II APPALACHIA, LLC  NOT LESS THAN 1/8  803  Hilda Rose Perry  HG ENERGY II APPALACHIA, LLC  NOT LESS THAN 1/8  802  Carolyn Determan and John Determan, husband and wife HG ENERGY II APPALACHIA, LLC  NOT LESS THAN 1/8  802  Carol D. Gum HG ENERGY II APPALACHIA, LLC  NOT LESS THAN 1/8  803  Marjorie W. Hyatt, by and through Linda C. Weekley, her Agent and HG ENERGY II APPALACHIA, LLC  NOT LESS THAN 1/8  803  Mori LESS THAN 1/8  804  NOT LESS THAN 1/8  805						Mary Candace Sprouse Passarella aka Candace Passarella	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	804	265
Kimberly Byrd Brodersen AKA Kimberly D. Brodersen HG ENERGY II APPALACHIA, LLC NOT LESS THAN 1/8 803 Hilda Rose Perry HG ENERGY II APPALACHIA, LLC NOT LESS THAN 1/8 802 Carolyn Determan and John Determan, husband and wife HG ENERGY II APPALACHIA, LLC NOT LESS THAN 1/8 802 Carol D. Gum HG ENERGY II APPALACHIA, LLC NOT LESS THAN 1/8 803 Marjorie W. Hyatt, by and through Linda C. Weekley, her Agent and HG ENERGY II APPALACHIA, LLC NOT LESS THAN 1/8 801						Robbin Emory Jennings	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	803	442
Hilda Rose Perry HG ENERGY II APPALACHIA, LLC NOT LESS THAN 1/8 802 Carolyn Determan and John Determan, husband and wife HG ENERGY II APPALACHIA, LLC NOT LESS THAN 1/8 802 Carol D. Gum HG ENERGY II APPALACHIA, LLC NOT LESS THAN 1/8 803 Marjorie W. Hyatt, by and through Linda C. Weekley, her Agent and HG ENERGY II APPALACHIA, LLC NOT LESS THAN 1/8 803							HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8		480
Hilda Rose Perry HG ENERGY II APPALACHIA, LLC NOT LESS THAN 1/8 802 Carolyn Determan and John Determan, husband and wife HG ENERGY II APPALACHIA, LLC NOT LESS THAN 1/8 802 Carol D. Gum HG ENERGY II APPALACHIA, LLC NOT LESS THAN 1/8 803 Marjorie W. Hyatt, by and through Linda C. Weekley, her Agent and HG ENERGY II APPALACHIA, LLC NOT LESS THAN 1/8 803			[				HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	803	432
Carol D. Gum HG ENERGY II APPALACHIA, LLC NOT LESS THAN 1/8 803 Marjorie W. Hyatt, by and through Linda C. Weekley, her Agent and HG ENERGY II APPALACHIA, LLC NOT LESS THAN 1/8 801							HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	802	372
Marjorie W. Hyatt, by and through Linda C. Weekley, her Agent and HG ENERGY II APPALACHIA, LLC NOT LESS THAN 1/8 801						Carolyn Determan and John Determan, husband and wife	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	802	368
						Carol D. Gum	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	803	368
Patrick A. Nies HG ENERGY II APPALACHIA. LLC NOT LESS THAN 1/8 807						Marjorie W. Hyatt, by and through Linda C. Weekley, her Agent and	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	801	664
100 = 100 =			[			Patrick A. Nies	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	807	706

	ı		1			-	·		
					Betty H. Craft, AKA Elizabeth Sarah Idella Craft, AKA Betty Dell Craft,	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	803	298
					Jack E. Waggoner	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	805	119
					Joseph C. Waggoner, Sr.	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	805	139
					Linda Lou Waggoner	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	805	145
					Mary K. Justice, AKA Mary K. Small Justice	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	803	320
					Bea Ann Wilfong	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	803	314
			03-001E-0022-0000		Michael Lynn Small and Terry Lynn Small, husband and wife	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	803	336
х	17	HGII03520 et al	p/o 03-1E-0009-0000	HGII03520 et al	Sharon Lea Senk, AKA Sharon Lea Small Senk	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	803	348
^			p/o 03-1E-0017-0000		Raymond C. Waggoner	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	805	123
					Raymond C. Waggoner	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	805	123
					Raymond C. Waggoner	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	805	123
					Margaret J. Morley	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	805	129
					Dolores E. Small	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	807	427
					Janet Rose Dawson	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	801	654
					Alice Faye McQueen	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	801	228
					Elizabeth Carol Brown	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	801	646
					Dorsey Frazier Hamrick, Jr.	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	803	332
					Barbara Jean Evans	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	801	668
					Vickie Lynne Erickson nka Vickie Lynne Pahl	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	803	364
					William Everett Hamrick	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	801	674
					Tina Louise Hamrick	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	801	684
					Joseph C. Pinson	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	802	972
					Nancy Hedlund aka Nancy Roessler	HG ENERGY II APPALACHIA, LLC	HUO Hearing Schedules 7/30/2024, Oil & Gas	Docket 364	405
					Randall Hedlund	HG ENERGY II APPALACHIA, LLC	HUO Hearing Schedules 7/30/2024, Oil & Gas	Docket 364	405
					Phyllis Hedlund aka Phyllis Chapel	HG ENERGY II APPALACHIA, LLC	HUO Hearing Schedules 7/30/2024, Oil & Gas	Docket 364	405
					Roger Hedlund	HG ENERGY II APPALACHIA, LLC	HUO Hearing Schedules 7/30/2024, Oil & Gas	Docket 364	405
					William Graban	HG ENERGY II APPALACHIA, LLC	HUO Hearing Schedules 7/30/2024, Oil & Gas	Docket 364	405
					Margaret Larson AKA Margaret Wehr	HG ENERGY II APPALACHIA, LLC	HUO Hearing Schedules 7/30/2024, Oil & Gas	Docket 364	405
					Cecelia Anne Gerstner	HG ENERGY II APPALACHIA, LLC	HUO Hearing Schedules 7/30/2024, Oil & Gas	Docket 364	405
					John S. Ramseyer	HG ENERGY II APPALACHIA, LLC	HUO Hearing Schedules 7/30/2024, Oil & Gas	Docket 364	405
					Sara R. Klein	HG ENERGY II APPALACHIA, LLC	HUO Hearing Schedules 7/30/2024, Oil & Gas	Docket 364	405
					Lois Ruth Thomas aka Ruth Thomas	HG ENERGY II APPALACHIA, LLC	HUO Hearing Schedules 7/30/2024, Oil & Gas	Docket 364	405
					Mark A. Cicoff	HG ENERGY II APPALACHIA, LLC	HUO Hearing Schedules 7/30/2024, Oil & Gas	Docket 364	405
					The Estate of Glenna Hope Bailey a/k/a Glenna H. Courtney,	HG ENERGY II APPALACHIA, LLC	HUO Hearing Schedules 7/30/2024, Oil & Gas	Docket 364	405
					Willard S.Courtney	HG ENERGY II APPALACHIA, LLC	HUO Hearing Schedules 7/30/2024, Oil & Gas	Docket 364	405
					Marsha K. Merritt aka Marsha Kilgore	HG ENERGY II APPALACHIA, LLC	HUO Hearing Schedules 7/30/2024, Oil & Gas	Docket 364	405
					Steven L. Bailey	HG ENERGY II APPALACHIA, LLC	HUO Hearing Schedules 7/30/2024, Oil & Gas	Docket 364	405
					Nicholas L. Bailey	HG ENERGY II APPALACHIA, LLC	HUO Hearing Schedules 7/30/2024, Oil & Gas	Docket 364	405
					Charlotte Courtney Horne	HG ENERGY II APPALACHIA, LLC	HUO Hearing Schedules 7/30/2024, Oil & Gas	Docket 364	405
					Judith Kay Case	HG ENERGY II APPALACHIA, LLC	HUO Hearing Schedules 7/30/2024, Oil & Gas	Docket 364	405
					Steven Jay Hamrick	HG ENERGY II APPALACHIA, LLC	HUO Hearing Schedules 7/30/2024, Oil & Gas	Docket 364	405
					James Michael Burnside	HG ENERGY II APPALACHIA, LLC	HUO Hearing Schedules 7/30/2024, Oil & Gas	Docket 364	405
					Joan Burnside Anderson	HG ENERGY II APPALACHIA, LLC	HUO Hearing Schedules 7/30/2024, Oil & Gas	Docket 364	405
					The Estate of Mark R. Fitzpatrick	HG ENERGY II APPALACHIA, LLC	HUO Hearing Schedules 7/30/2024, Oil & Gas	Docket 364	405
					Mary Kathern Hull	HG ENERGY II APPALACHIA, LLC	HUO Hearing Schedules 7/30/2024, Oil & Gas	Docket 364	405
Х	19	HGII03860 ET AL	02-0010-0017-0000	HCIIO3060 ET AI	Carolyn Rastle Bass	HG ENERGY II APPALACHIA LLC	NOT LESS THAN 1/8	520	531
•	19	HUIIUSOUU ET AL	02-0010-0017-0000	HGII03860 ET AL	Marilyn Rastle Barnes	HG ENERGY II APPALACHIA LLC	NOT LESS THAN 1/8	520	533
ľ					Maxine Cole Rastle aka Maxine S. Rastle			526	409
						HG ENERGY II APPALACHIA LLC	NOT LESS THAN 1/8		
					Mike Ross, Inc.	HG ENERGY II APPALACHIA LLC	NOT LESS THAN 1/8	512	216
					Thomas Edward Rastle	HG ENERGY II APPALACHIA LLC	NOT LESS THAN 1/8	513	132
					Michael Joseph Riley	HG ENERGY II APPALACHIA LLC	COTENENCY AFFIDAVIT	68	90
					Thomas Robert Riley	HG ENERGY II APPALACHIA LLC	COTENENCY AFFIDAVIT	68	90
					Patricia Ann Riley fka Patricia Ann Martin	HG ENERGY II APPALACHIA LLC	COTENENCY AFFIDAVIT	68	90
					Yvonne Rastle Foster	HG ENERGY II APPALACHIA LLC	NOT LESS THAN 1/8	514	714
					Alice Rastle Taylor	HG ENERGY II APPALACHIA LLC	NOT LESS THAN 1/8	514	706
Х	20	HGII03857 ET AL	02-0009-0028-0000	HGII02943 et al	Ridgewood Development LLC (Samuel Hammett; managing member)			68	90
^	20	HOHOSOS/ ET AL	02-0014-0001-0000	1101102343 Et di		HG ENERGY II APPALACHIA LLC	COTENENCY AFFIDAVIT		
					Armstrong Land Management (Richard Armstrong; President)	HG ENERGY II APPALACHIA LLC	COTENENCY AFFIDAVIT	68	90
					Henry G. Rastle	HG ENERGY II APPALACHIA LLC	NOT LESS THAN 1/8	516	21
					The Unknown Heirs or Successors of Max Albers	HG ENERGY II APPALACHIA LLC	COTENENCY AFFIDAVIT	68	90
					The Unknown Heirs or Successors of Gerald Albers	HG ENERGY II APPALACHIA LLC	COTENENCY AFFIDAVIT	68	90
					The Unknown Heirs or Successors of Nancy Albers	HG ENERGY II APPALACHIA LLC	COTENENCY AFFIDAVIT	68	90

Ī				Ī	Josephine Sanchez	HG ENERGY II APPALACHIA LLC	COTENENCY AFFIDAVIT	68	90
					John J. Battin, Jr.	HG ENERGY II APPALACHIA LLC	COTENENCY AFFIDAVIT	68	90
					Jamison M. R. Battin aka Jamison Battin	HG ENERGY II APPALACHIA LLC	COTENENCY AFFIDAVIT	68	90
					Jennifer M. Battin	HG ENERGY II APPALACHIA LLC	COTENENCY AFFIDAVIT	68	90
1					FLORENCE I. CHAPMAN AND D. D. CHAPMAN, HER HUSBAND; H. C.				
					SPRAY, WIDOWER; MYRTLE M. SPRAY, WIDOW; JOHN E. SPRAY AND				
					ALICE L. SPRAY, HIS WIFE; RICHARD L. SPRAY AND ROSE LEE SPRAY, HIS				
					WIFE; SYBIL ROBERTSON AND WILLIAM N. ROBERTSON, HER HUSBAND;				
					GRACE WALTERS AND G. E. WALTERS, HER HUSBAND; VIOLET POSTLE;				
					JEAN SPRAY, SINGLE; G. C. SPRAY AND LELIE SPRAY, HIS WIFE; A. J.				
					SPRAY AND ADELINE S. SPRAY, HIS WIFE; LULU SCHMIDT, WIDOW; E.W.				
					HOLLAND AND AXIE HOLLAND, HIS WIFE	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	58	363
					HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	143	345
					CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	135	583
					CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	328	398
Χ	22	FK066137	p/o 02-0013-0017-0000	Q100991000	CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	332	570
					DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM OF FARMOUT AGREEMENT	323	187
					CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	337 424	446
					DOMINION TRANSMISSION INC CNX GAS COMPANY LLC	CNX GAS COMPANY AND NOBLE ENERGY INC	PARTIAL ASSIGNMENT (32%) ASSIGNMENT	377	234
					NOBLE ENERGY, INC.	NOBLE ENERGY, INC. HG ENERGY II APPALACHIA LLC	ASSIGNMENT	449	212 494
					DOMINION TRANSMISSION INC	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	494
					DOMINION TRANSIVISSION INC	DOMINION ENERGY TRANSMISSION, INC.	SECOND AMENDMENT TO MEMORANDUM OF	W V 3 O 3	
					DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA LLC	FARMOUT AGREEMENT	454	483
					DOMINION ENERGY TRANSIVIISSION, INC.	ITIG ENERGI II AFFALACIIIA EEC	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT	434	463
					DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA LLC	AGREEMENT	475	576
					DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA LLC	ASSIGNMENT	479	1
X	23	FK066130	p/o 02-0013-0017-0000	Q100731000	H. C. SPRAY, WIDOWER; MABEL SPRAY, SINGLE; LUCY E. STRUBLER AND PAUL J. STRUBLER, JR., HER HUSBAND; GLEN SPRAY AND ELSIE SPRAY, HIS WIFE; FRANCES MCQUEEN AND DAVID MCQUEEN, HER HUSBAND; RUTH KOHL AND BLAINE KOHL, HER HUSBAND; DORIS BELT AND DAVID R. BELT, HER HUSBAND; MARK B. SPRAY AND ELOISE SPRAY, HIS WIFE; AND E. W. HOLLAND AND AXIE HOLLAND, HIS WIFE HOPE NATURAL GAS COMPANY CONSOLIDATED GAS SUPPLY CORPORATION CONSOLIDATED GAS TRANSMISSION CORPORATION	HOPE NATURAL GAS COMPANY CONSOLIDATED GAS SUPPLY CORPORATION CONSOLIDATED GAS TRANSMISSION CORPORATION CNG TRANSMISSION CORPORATION DOMINION TRANSMISSION, INC.	NOT LESS THAN 1/8 CONFIRMATORY DEED ASSIGNMENT MERGER/NAME CHANGE MERGER/NAME CHANGE	58 143 135 328 332	358 345 583 398 570
^	23	1 1000130	p/0 02 0013 0017 0000	Q100731000	DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM OF FARMOUT AGREEMENT	323	187
					CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	337	446
					DOMINION TRANSMISSION INC	CNX GAS COMPANY AND NOBLE ENERGY INC	PARTIAL ASSIGNMENT (32%)	424	234
					CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT ASSIGNMENT	377 449	212
					NOBLE ENERGY, INC. DOMINION TRANSMISSION INC	HG ENERGY II APPALACHIA LLC DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	416
					DOMINION TRANSIVISSION INC	DOMINION ENERGY TRANSMISSION, INC.	SECOND AMENDMENT TO MEMORANDUM OF	W V 3 O 3	
					DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA LLC	FARMOUT AGREEMENT	454	483
					Sommer Energy in an anison solery in a	THE ENERGY HAVE TALE TO THAT ELEG	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT	.5.	.03
					DOMINION ENERGY TRANSMISSION. INC.	HG ENERGY II APPALACHIA LLC	AGREEMENT	475	576
					DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA LLC	ASSIGNMENT	479	1
			03-001D-0009-0000						
Х	25	FK080153 FEE	03-001D-0010-0000	FK080153 FEE					
			03-001D-0014-0000		DOMINION ENERGY TRANSMISSION, INC.	HG Energy II Appalachia, LLC	MINERAL DEED	740	746
					J. R. HURST AND FLORENCE HURST, HIS WIFE	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	172	85
					HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	294	89
				1	CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	425	127
				1	CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	WVSOS	
					CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
					DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM OF FARMOUT AGREEMENT	672	154
			03-1E-0025-0000		CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	684	57
v	26	FK056154	03-1E-0029-0000	Q100494000	DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	712	848
Х			p/o 03-1E-0026-0000		CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	717	1
			,,, 0020 0000	ĺ	NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	722	170
l				I	DOMINON TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	

_			_	-	_				
							SECOND AMENDMENT TO MEMORANDUM OF		
					DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	FARMOUT AGREEMENT	723	499
							THIRD AMENDMENT TO MEMORANDUM OF FARMOUT		
					DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA. LLC	AGREEMENT	734	558
					DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT (68%)	736	220
F					A.J. SPRAY ET AL	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	251	141
						CONSOLIDATED GAS SUPPLY CORPORATION		294	
					HOPE NATURAL GAS COMPANY		CONFIRMATORY DEED		89
					CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	425	127
					CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	WVSOS	
					CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
					DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM OF FARMOUT AGREEMENT	672	154
			03-001E-0036-0000, 03-001E-		CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	684	57
	20	EV067000	,	EK063000	DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	712	848
Х	30	FK067889	0037-0000, 03-001E-0024-	FK067889	CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	717	1
			0000		NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	722	170
					DOMINON TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
					DOMINION THURISMISSION, INC.	BOWING REVERSE TO WASHINGSTON, INC.	SECOND AMENDMENT TO MEMORANDUM OF	****	
					DOMINION ENERGY TRANSMISSION INC	LIC ENERGY II ARRAI ACUITA LLC		722	400
					DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	FARMOUT AGREEMENT	723	499
							THIRD AMENDMENT TO MEMORANDUM OF FARMOUT		
					DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	AGREEMENT	734	558
					DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT (68%)	736	220
					BESSIE V CAHILL ET AL	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	251	138
					HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	294	89
					CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	425	127
					CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	WVSOS	
					CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
					DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM OF FARMOUT AGREEMENT	672	154
					CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	684	57
						CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (30%)	712	848
Х	32	FK067874	03-001E-0023-0000	FK067874	DOMINION TRANSMISSION, INC.	,	` '		848
					CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	717	]
					NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	722	170
					DOMINON TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
							SECOND AMENDMENT TO MEMORANDUM OF		
					DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	FARMOUT AGREEMENT	723	499
							THIRD AMENDMENT TO MEMORANDUM OF FARMOUT		
					DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	AGREEMENT	734	558
					DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT (68%)	736	220
					DOLLIE HARDMAN AND O. M. HARDMAN, HER HUSBAND; RELLA				
					LOWTHER AND L. C. LOWTHER, HER HUSBAND; AND ESTIE FRYMYER	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	172	181
							· · · · · · · · · · · · · · · · · · ·	294	
					HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED		89
					CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	425	127
					CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	51	795
					CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	9	628
			03-001E-0040-0000		DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM OF FARMOUT AGREEMENT	672	154
Х	34	FK056153	03-001E-0040-0000	Q100343000	CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	684	57
•	J <del>-1</del>	1 1/03/0133	03-001E-0045-0001	Q100343000	DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	712	848
			03-0011-0043-0000		CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	717	1
					NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	722	170
					DOMINON TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
					, ,		SECOND AMENDMENT TO MEMORANDUM OF		
					DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	FARMOUT AGREEMENT	723	499
					DOMINION ENERGY THE MUSICING INC.	THE ENERGY HANTACHING EEG	THIRD AMENDMENT TO MEMORANDUM OF FARMOUT	725	453
					DOMINION ENERGY TRANSMISSION INC	HC ENEDCY II ADDALACHIA LLC		704	
					DOMINION ENERGY TRANSMISSION, INC.  DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC HG ENERGY II APPALACHIA, LLC	AGREEMENT ASSIGNMENT (68%)	734 736	558 220
					DOIVIINION ENERGY TRANSIVIISSION, INC.	nd energy ii appalachia, llc	ASSIGNIVIENT (08%)	/30	220
					C. W. RADCLIFF, WIDOWER; PEARL WHITE AND VIRGIL A. WHITE, HER				
					HUSBAND; VIRGIL C. RADCLIFF AND CATHERINE E. RADCLIFF, HIS WIFE;				
					MILDRED MCINTYRE AND JAMES W. MCINTYRE, HER HUSBAND; OPAL				
					BRADY AND WOODROW W. BRADY, HER HUSBAND	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	235	86
					HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	294	89
					CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	425	127
					CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	51	795
					-	•	•		

1		I		I	CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	9	628
		FK066066	,		DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC	MEMORANDUM OF FARMOUT AGREEMENT	672	154
Χ	35	HGII0002	p/o 03-001E-0044-0000	Q100988000	CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	684	57
					DOMINION TRANSMISSION, INC.	CNX GAS COMPANY LLC AND NOBLE ENERGY, INC.	PARTIAL ASSIGNMENT (32%)	712	848
					CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	717	1
					NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	722	170
					DOMINON TRANSMISSION, INC.	DOMINION ENERGY TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
							SECOND AMENDMENT TO MEMORANDUM OF		
					DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	FARMOUT AGREEMENT	723	499
							THIRD AMENDMENT TO MEMORANDUM OF FARMOUT		
					DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	AGREEMENT	734	558
					DOMINION ENERGY TRANSMISSION, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT (68%)	736	220
Χ	36	HGII03581 ET AL	03-001E-0041-0000	N/A	Mike Ross, Inc.	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	802	363
	30	HGH03381 ET AL	03-0011-0041-0000	N/A	Waco Oil and Gas Co.	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	800	674
					LYDIA STARCHER, SINGLE; A. L. STARCHER, SINGLE; W. R. STARCHER, SINGLE; B. J. RINEHART, WIDOWER; OLETA RINEHART, SINGLE; TURIA R. KING & ERNEST G. KING, HER HUSBAND; J. CARL RINEHART & ELSIE MCCALL RINEHART, HIS WIFE	HOPE NATURAL GAS COMPANY	NOT LESS THAN 1/8	236	39
					HOPE NATURAL GAS COMPANY	CONSOLIDATED GAS SUPPLY CORPORATION	CONFIRMATORY DEED	294	89
Х					CONSOLIDATED GAS SUPPLY CORPORATION	CONSOLIDATED GAS TRANSMISSION CORPORATION	ASSIGNMENT	425	127
^	41		03-001E-0043-0000		CONSOLIDATED GAS TRANSMISSION CORPORATION	CNG TRANSMISSION CORPORATION	MERGER/NAME CHANGE	WVSOS	
					CNG TRANSMISSION CORPORATION	DOMINION TRANSMISSION, INC.	MERGER/NAME CHANGE	WVSOS	
					DOMINION TRANSMISSION, INC.	CONSOL ENERGY HOLDINGS LLC XVI	ASSIGNMENT	651	318
					CONSOL ENERGY HOLDINGS LLC XVI	CONSOL GAS COMPANY	MERGER/NAME CHANGE	WVSOS	
					CONSOL GAS COMPANY	CNX GAS COMPANY LLC	MERGER/NAME CHANGE	WVSOS	
					CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	LIMITED PARTIAL ASSIGNMENT (50%)	659	521
					CNX GAS COMPANY LLC	NOBLE ENERGY, INC.	ASSIGNMENT	717	1
					NOBLE ENERGY, INC.	HG ENERGY II APPALACHIA, LLC	ASSIGNMENT	722	170
Х	60	HGII04441	02-0013-0016-0001	HGII04441	Helen Bunten Keplinger and Elaine Bunten Mines, JTWROS	HG ENERGY II APPALACHIA< LLC	NOT LESS THAN 1/8	TBD	TBD
					Diane Goulet	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	808	320
					Denis Martin aka Denis I. Martin	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	807	729
					Thomas Edward Rastle	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	796	739
					Jacquiline Robinson, aka Jacqueline Robinson	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	808	643
					Patricia Ann Riley fka Patricia Ann Martin aka Patricia Ann Riley Martin	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	808	97
					Thomas Robert Riley	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	808	95
					Yvonne Rastle Foster	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	798	21
					Alice Rastle Taylor aka Alice M. Rastle Taylor	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	798	19
					Henry G. Rastle	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	798	913
					Maxine Cole Rastle aka Maxine S. Rastle	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	804	474
					The Unknown Heirs or Successors of Okey J. Smith	THE ENERGY HAVE TO THE YEAR OF	HUO Hearing Schedules 7/30/2024, Oil & Gas		
					·	HG ENERGY II APPALACHIA, LLC	Commission	Docket 364	405
					Jan Odell Stewart, a/k/a, Jan O. Stewart, a/k/a, Jan Stewart	, , , , , , , , , , , , , , , , , , ,	HUO Hearing Schedules 7/30/2024, Oil & Gas		
Х	66	HGII03856 et al	03-001E-0027-0000	HGII03856 et al	Deceased 12/28/2023, Ingham Co, MI	HG ENERGY II APPALACHIA, LLC	Commission	Docket 364	405
^					Jan O. Stewart	,	HUO Hearing Schedules 7/30/2024, Oil & Gas		
						HG ENERGY II APPALACHIA, LLC	Commission	Docket 364	405
					Jan O. Stewart	,	HUO Hearing Schedules 7/30/2024, Oil & Gas		
						HG ENERGY II APPALACHIA, LLC	Commission	Docket 364	405
					Jan Odell Stewart, a/k/a, Jan O. Stewart, a/k/a, Jan Stewart		HUO Hearing Schedules 7/30/2024, Oil & Gas		
					Deceased 12/28/2023, Ingham Co, MI	HG ENERGY II APPALACHIA, LLC	Commission	Docket 364	405
					Josephine Sanchez		HUO Hearing Schedules 7/30/2024, Oil & Gas		
						HG ENERGY II APPALACHIA, LLC	Commission	Docket 364	405
				ĺ	John J. Battin, Jr.		HUO Hearing Schedules 7/30/2024, Oil & Gas		
				ĺ		HG ENERGY II APPALACHIA, LLC	Commission	Docket 364	405
					Jamison M. R. Battin aka Jamison Battin		HUO Hearing Schedules 7/30/2024, Oil & Gas		
				1	Janaifas M. Dattia	HG ENERGY II APPALACHIA, LLC	Commission	Docket 364	405
					Jennifer M. Battin	HC ENERCY II ARRAI ACHIA II C	HUO Hearing Schedules 7/30/2024, Oil & Gas	Doolest 2C4	405
						HG ENERGY II APPALACHIA, LLC	Commission	Docket 364	405

					•				
X	69	TBD	02-0014-0001-0000	TBD	IVAH R. SCHMIDT AND HARVEY B. SCHMIDT, HER HUSBAND; HENRY ALBERS AND ETHEL ALBERS, HIS WIFE; CLARA T. WANSTREET AND HENRY B. WANSTREET, HER HUSBAND; JOHN A. ALBERS AND MARY O. ALBERS, HIS WIFE; FRANCIS H. MEANS AND ENDA M. MEANS, HIS WIFE; BEN C. NUCKOLLS AND RUBY G. NUCKOLLS, HIS WIFE; MARGARET RASTLE, WIDOW; CLARK P. BRYSON AND VICTORIA A. BRYSON, HIS WIFE; EVIE E. BODE AND FLORENCE L. BODE, HIS WIFE; WALTER E. BODE AND NOLA J. BODE, HIS WIFE HOPE NATURAL GAS COMPANY CONSOLIDATED GAS SUPPLY CORPORATION CONSOLIDATED GAS TRANSMISSION CORPORATION CONG TRANSMISSION CORPORATION DOMINION TRANSMISSION INC CONSOL ENERGY HOLDINGS LLC XVI CONSOL GAS COMPANY LC	HOPE NATURAL GAS COMPANY  CONSOLIDATED GAS SUPPLY CORPORATION  CONSOLIDATED GAS TRANSMISSION CORPORATION  CNG TRANSMISSION CORPORATION  DOMINION TRANSMISSION, INC.  CONSOL ENERGY HOLDINGS LLC XVI  CONSOL GAS COMPANY  CNX GAS COMPANY  HG ENERGY II APPALACHIA LLC	NOT LESS THAN 1/8  CONFIRMATORY DEED  ASSIGNMENT  MERGER/NAME CHANGE  MERGER/NAME CHANGE  ASSIGNMENT  MERGER/NAME CHANGE  MERGER/NAME CHANGE  ASSIGNMENT  MERGER/NAME CHANGE  ASSIGNMENT  MERGER/NAME CHANGE  ASSIGNMENT	58 143 135 328 332 245 293 293 508	353 345 583 398 570 1 252 252 457
								1	
					ALBERT CRISLIP AND MARY CRISLIP, HIS WIFE	ROBERT KRAUS AND FRANK WHELAN	NOT LESS THAN 1/8	74	414
					ROBERT A. KRAUS, DECEASED	MARY A. KRAUS (LE), THEN TO HER HEIRS	LAST WILL AND TESTAMENT	F	419
					LOTTIE M. RUPPERT AND CHARLES RUPPERT (HEIRS OF ROBERT A.				
					KRAUS)	EDWARD J. KRAUS	DEED	158	207
					EDWARD J. KRAUS AND MARJORIE KRAUS (HEIRS OF ROBERT A. KRAUS)	RALPH B. KRALIS	DEED	190	496
					EBWAND 3. KINGSAND WANDONE KINGS (HEIRS OF ROBERT AL KINGS)	R.M. KRAUS, RALPH B. KRAUS, GILBERT P. KRAUS, EDWARD J.	DEED .	150	430
						KRAUS, LOTTIE M. RUPPERT, AND ANNA E. AVINGTON (HER			
					MARY A. KRAUS, DECEASED	HEIRS)	INVENTORY RECORD	47	321
					THOMAS GILBERT KRAUS, DECEASED (HEIR OF ROBERT A. KRAUS)	AGNES KRAUS AND JOHN ROBERT KRAUS	MISC BOOK	17	317
					JOHN ROBERT KRAUS	AGNES KRAUS	DEED	4	576
						MARY CATHERINE ATKINS, MILDRED ANN KOZAR, PAUL			
					ANNE R. AVINGTON, DECEASED	EDWARD AVINGTON, JR, AND MARTHA ELAINE PICKNS	LAST WILL AND TESTAMENT	22	17
					ANTIVE IL AVIITOTON, DECEAGED	ALICE WHELAN MCGARY, MARY WHELAN EDWARDS, ANDREW	BIST WILLTHID TESTAMENT		
						F. WHELAN JR, KATHERINE WHELAN SLEIGH, AND THOMAS A.		_	
					ADREW FRANCIS WHELAN, AKA FRANK WHELAN, DECEASED	WHELAN	LAST WILL AND TESTAMENT	E	468
						MARY WHELAN EDWARDS, KATHERINE WHELAN SLEIGH,			
					ALICE W. MCGARY, DECEASED	ANDREW F. WHELAN JR, AND THOMAS A. WHELAN	LAST WILL AND TESTAMENT	F	361
					A. F. WHELAN JR, DECEASED	FRANK WHELAN JR., SARA W. ZOBRIST, AND MARY W. TIERNEY	FIDUCIARY RECORD	6	208
						ALICE EDWARDS RILEY, THOMAS A. EDWARDS, AND EUGENE			
					MARY WHELAN EDWARDS, DECEASED	HUFFMAN EDWARDS	LAST WILL AND TESTAMENT	к	551
					,				
					KATHERINE WHELAN SLEIGH, DECEASED	ANDREW FRANCIS SLEIGH AND MARGARET MALLOY SLEIGH	LAST WILL AND TESTAMENT	1	281
					NATIONAL WHEN A SECTION, DECEMBED	THE NEW THURS SEELOTT THE WINKOWKET WINEEDT SEELOTT	BIST WILLTHID TESTAMENT	<del></del>	201
						FRANK WILE AN IR (IF) THEN ANDREWE CLEICH MARY			
	22		/ 02 0045 0052 0000			FRANK WHELAN, JR (LE), THEN, ANDREW F. SLEIGH, MARY			
Χ	82	M204376001 FEE	p/o 03-001F-0053-0000	M204376001 FEE		WHELAN TIERNEY, SARAH WHELAN ZOBRIST, MARY EDWARDS			
						CUMMINGS, ALICE EDWARDS RILEY, KATHRYN L. EDWARDS,			
					THOMAS A. WHELAN, DECEASED	THOMAS A. EDWARDS AND EUGENE H. EDWARDS	LAST WILL AND TESTAMENT	M	591
					MARY CUMMINGS, DECEASED	ALICE EDWARDS RILEY	LAST WILL AND TESTAMENT	R	550
					THOMAS A. EDWARDS, DECEASED	JOHN CHARLES EDWARDS	LAST WILL AND TESTAMENT	V	280
						MARY MARGARET TIERNEY, JOHN ANDREW TIERNEY, JR, AND		i i	
					MARY WHELAN TIERNEY, DECEASED	TERRENCE ANDREW TIERNEY	LAST WILL AND TESTAMENT	U	316
					,	THOMAS R. WHELAN, A.F. WHELAN, GEORGE E. WHELAN, AND			
				ĺ	FRANK WHELAN JR, DECEASED	JANE WHELAN GARTON	ESTATE RECORDS	5	111
				ĺ	THOMAS R. WHELAN, DECEASED	WILMA L. WHELAN, IF LIVING	LAST WILL AND TESTAMENT	52	590
				ĺ	GEORGE E. WHELAN, DECEASED	KATHY S. WHELAN	LAST WILL AND TESTAMENT  LAST WILL AND TESTAMENT	52	927
				ĺ	GLONGE E. WITELAN, DECLASED	IVATITI J. WITELAN	EAST WILL AIND ILSTAIVILINT	- 52	927
						SARAH BREWSTER EDWARDS AND EUGENE H. EDWARDS, JR. (AFTER DEATH OF SARAH BREWSTER EDWARDS, THEN EQUALLY			
					FUCENETI FOWADDE DECEASED		LACTIMUL AND TECTANAENT	, ,	631
				ĺ	EUGENE H. EDWARDS, DECEASED	TO EUGENE H. EDWARDS, JR., AND ANN B. BYRDY)	LAST WILL AND TESTAMENT	V	631
				ĺ	SARAH B. EDWARDS, DECEASED	GENE H. EDWARDS JR	LAST WILL AND TESTAMENT	F	361
				ĺ	KATHERINE LOUISE EDWARDS, DECEASED	ALICE EDWARDS RILEY	LAST WILL AND TESTAMENT	5	23 266
					ANDREW SLEIGH, DECEASED	MARGARET SLEIGH	LAST WILL AND TESTAMENT		

I		ı i	I	ı	I	ANDREW F. SLEIGH JR., RICHARD M. SLEIGH, AND MARY BERGIN			
					MADCADET MALLOV CLEICH, DECEASED	S. SKIDMORE	LACTIVILL AND TECTAMENT	c	C12
					MARGARET MALLOY SLEIGH, DECEASED RICHARD M. SLEIGH, DECEASED	S. SKIDMORE MARY ANN SLEIGH	LAST WILL AND TESTAMENT LAST WILL AND TESTAMENT	23	612
					RICHARD W. SLEIGH, DECEASED	IVIARY ANN SLEIGH	LAST WILL AND TESTAMENT	23	202
					MARY ANN SLEIGH, DECEASED	STEPHEN T. SLEIGH, CHRISTINE M. POPECK, AND PAUL F. SLEIGH	LAST WILL AND TESTAMENT	31	256
					ANDREW F. SLEIGH JR., DECEASED	SEAN RICHARD SLEIGH	LAST WILL AND TESTAMENT	30	561
					ALICE E. RILEY, DECEASED	KATHERINE L. RILEY	LAST WILL AND TESTAMENT	30	695
					CARNEGIE NATURAL GAS COMPANY	CARNEGIE PRODUCTION COMPANY	ASSIGNMENT	558	550
					CARNEGIE PRODUCTION COMPANY	EQT PRODUCTION COMPANY	MERGER/NAME CHANGE	WVSOS	550
					EQT PRODUCTION COMPANY	HG ENERGY II APPALACHIA LLC	ASSIGNMENT	804	453
ŀ						ING ENERGY II ALT ALACHIA LLC	ASSIGNMENT	- 004	455
					ANDREW EDMISTON JR. AND MERLE W. EDMISTON, HIS WIFE; MATTHEW EDMISTON AND NELLIE MCWHORTER EDMISTON, HIS WIFE;				
					· · · · · · · · · · · · · · · · · · ·				
					EDWARD A. BRANNON AND IRMA C. BRANNON, HIS WIFE; IDA J.				
					WARDER; ELLA M. FLANNERY; GEORGE W. NORVELL AND MARY W.				
					NORVELL, HIS WIFE; FRANK WYATT AND VIRGINIA E. WYATT, HIS WIFE;		107 1566 71111 1/0	4.40	22
			/ 00 0045 0050 0000		AND LOISE EDWARDS	MCCALL DRILLING CO	NOT LESS THAN 1/8	148	80
Χ			p/o 03-001F-0050-0000		MCCALL DRILLING COMPANY INC	KEWANEE OIL COMPANY	ASSIGNMENT	293	132
^`	88	RRE1	p/o 03-001F-0051-0000	RRE1	KEWANEE OIL COMPANY	KEWANEE INDUSTRIES INC	SPECIAL WARRANTY DEED	368	609
			p/o 03-001F-0052-0000		KEWANEE INDUSTRIES INC	GULF OIL CORPORATION	CONVEYANCE	369	25
					GULF OIL CORPORATION	CHEVRON USA INC	MERGER/NAME CHANGE	WVSOS	
					CHEVRON USA INC	ANGERMAN ASSOCIATES INC	ASSIGNMENT	451	63
					ANGERMAN ASSOCIATES INC	PETROLEUM DEVELOPMENT CORPORATION	ASSIGNMENT	537	35
					PETROLEUM DEVELOPMENT CORPORATION	PDC MOUNTAINEER LLC	ASSIGNMENT	640	568
					PDC MOUNTAINEER LLC	RIVER RIDGE ENERGY LLC	MERGER/NAME CHANGE	3	697
ļ					RIVER RIDGE ENERGY LLC	HG ENERGY II APPALACHIA, LLC	JOA DRILLING AGREEMENT	562	534
					Panacea Energy, Inc.			529	596
					George S. Dennis, President	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8		
					William Kirkpatrick	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	533	392
					Sylvia Kirkpatrick	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	533	386
					Gold City Mineral Partners, L. P.	ING ENERGY II ALT ALACHIA, ELC	NOT LESS THAN 1/6	503	114
					oola oliy minoral randrois, El r			000	
					Fred H. Vollbeer, General Partner	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8		
					Upstream Energy, LLC			525	149
					Million D. Didenner, In Managing Manhar	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8		
					William B. Ridgway, Jr., Managing Member Billy R. Powell	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	510	372
					Estate of Nannie Bell Broocks "Red" Womack, Ellen Womack Giles,	HIG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	- 010	072
					Executrix	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8		
					Rawls Energy, LLC	,	,	532	96
					James H. Rawls, Managing Member	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8		
					Marilyn W. Allen	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	510	694
					James E. Poole, Jr.	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	518	280
Х	96	HGII04005 ET AL	P/O 02-0013-0016-0000	HGII04005 ET AL	Homer Roberts Collins	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	528	609
					Southland Capital Realty Group, LLC			525	156
					T. Todd Martin, III, managing member				
					Selwyn H. Turner, III, managing member				
					Elizabeth Turner, managing member	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8		
					Dale/Peregrine Minerals Fund, LP	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8	516	480
					Asset Management, LLC			526	301
					Clay Gatlin, managing member				
					Sond does to John Foster Tyra, BC (Legal Course)				
					Send docs to John Foster Tyra, PC (Legal Counsel) 3496 Firethorn Dr., Tuscaloosa, AL 35405	HG ENERGY II APPALACHIA, LLC	NOT LESS THAN 1/8		
					John C. Sipple	HG ENERGY II APPALACHIA, LLC	Drilling and Permission to Permit Agreement	535	150
					Pinebelt Oil & Gas, Inc		5		
					, in the second				
					James W. Fugate, President	HG ENERGY II APPALACHIA, LLC	Drilling and Permission to Permit Agreement	535	162
					Robert M. Newsome	HG ENERGY II APPALACHIA, LLC	Drilling and Permission to Permit Agreement	535	180
					Petroleum Properties, LLC				
					John A. Brewer, Manager	HG ENERGY II APPALACHIA, LLC	COTENANCY AFFIDAVIT	814	945
					Dale Williston Minerals 2012-B, LP	HG ENERGY II APPALACHIA, LLC	COTENANCY AFFIDAVIT	814	945
L			ı			, , , , , , , , , , , , , , , , , , ,		014	3.5

### MEMORANDUM OF DRILLING AGREEMENT/ PERMISSION TO PERMIT AND DRILL

#### WITNESSETH:

WHEREAS, NON-OPERATOR is the lessee of record under those certain oil and gas leases and/or owner of certain oil and gas fee interests in the Target Depths (defined below) as set forth on Exhibit A attached hereto (collectively "The Properties") or as located within the unit more particularly set forth on Exhibit B attached hereto ("the "Unit"); and

WHEREAS, NON-OPERATOR and OPERATOR did execute that certain DRILLING AGREEMENT / PERMISSION TO PERMIT AND DRILL (the "<u>Drilling Agreement</u>"), executed contemporaneously herewith, in which NON-OPERATOR agreed to grant OPERATOR certain rights to operate The Properties, and the Parties wish to place this Memorandum of record to put all persons on notice of same.

**NOW, THEREFORE,** That for and in consideration of the sum set forth in the DRILLING AGREEMENT, paid in hand, the receipt and sufficiency of which is hereby acknowledged, and intending to be legally bound, the Parties agree as follows:

- 1. The Parties hereto acknowledge the accuracy of the foregoing recitals, which are hereby incorporated herein by reference and made a part hereof.
- 2. The Drilling Agreement is dated the MARCH (2<sup>TH</sup>, 20 24 and is effective as of MARCH (2<sup>TH</sup>, 20 24 (the "Effective Date").
- 3. The term of the Drilling Agreement is for a term beginning on the Effective Date and ending Five (5) years therefrom and so long thereafter if a well is drilled hereunder, until terminated as set forth in paragraph 10 of the Drilling Agreement, or unless otherwise extended by the Parties as set forth in the Drilling Agreement.
- 4. The Drilling Agreement applies to the Target Depths in The Properties. "<u>Target Depths</u>" means the Marcellus Shale Formation, defined as: from the stratigraphic equivalent of the top of the Tully Limestone at 6,688 feet to the stratigraphic equivalent of the Base of the

- Marcellus Shale at a depth of 6,940 feet, as seen in the HG ENERGY II APPALACHIA, LLC's KST5 DH (API 047-033-05817) well logs dated February 9, 2015.
- 5. Under the Drilling Agreement, Non-Operator granted to Operator rights to conduct oil and gas operations on The Properties and the Unit, including without limitation, the right to apply for and obtain all applicable well drilling permits, horizontal unitization orders, and any governmental approvals for the drilling of one or more wellbore laterals in, under, and through the Properties in the Unit, and to drill, complete, operate, and produce oil, gas and other constituents from such wells, as well as to pool or unitize The Properties.
- 6. The Drilling Agreement will be binding upon Operator and Non-Operator, and their respective successors and assigns. In the event of any assignment or transfer of the Drilling Agreement, the assigning or transferring party shall require such assignee or transferee to expressly assume and be bound by the terms of the Drilling Agreement. This Memorandum shall be governed by the laws of the State of West Virginia. Operator and Non-Operator each represents and warrants that the individual signing this Memorandum on its behalf has the authority to do so and to bind the respective party. This Memorandum may be executed in any number of counterparts, each of which shall be considered an original for all purposes, and all of which, when taken together, shall constitute one and the same instrument.
- 7. The Drilling Agreement contains additional terms and conditions not repeated herein; nonetheless, the full terms and conditions of the Drilling Agreement shall control and this Memorandum shall not be considered in any way a modification or alteration of the Drilling Agreement.
- 8. This Memorandum may be executed in counterparts, each of which shall be deemed an original instrument, but all such counterparts together shall constitute one and the same instrument.

[SIGNATURE PAGES FOLLOW]

The remainder of this page left intentionally blank.

IN WITNESS WHEREOF, the Parties have caused this This Memorandum of Drilling Agreement/Permission to Permit and Drill to be executed by their respective duly authorized representatives, as of the date first written above.

NON-OPERATOR:

John C. Sipple

### ACKNOWLEDGEMENT

STATE OF COUNTY OF

BEFORE ME, a Notary Public in and for said county and state, personally appeared John C. Sipple, who acknowledged to me that he is a duly authorized officer of said company, and that he did execute the foregoing instrument and that the same is his free act and deed and the free act and deed of said company.

IN TESTIMONY WHEREOF, I have hereunto set my hand and official seal attended

, this A day of \_\_\_\_\_\_ , 202

My Commission Expires

My Commission Expires: November 8, 2025

TIFFANEY WILLIAMSON Notary Public Alabama State at Large

OPERATOR:

HG ENERGY II APPALACHIA, LLC

By:

Jared Hall - President

#### ACKNOWLEDGEMENT

STATE OF WEST VIRGINIA COUNTY OF WOOD

BEFORE ME, a Notary Public in and for said county and state, personally appeared Jared Hall, President of HG Energy II Appalachia LLC, who acknowledged to me that he is duly authorized officer of said company, and that he did execute the foregoing instrument and that the same is his free act and deed and the free act and deed of said company.

IN TESTIMONY WHFREOF, I have hereunto set my hand and official seal at

PARKERSBURG WV, this / day of APRIL , 20 74

My Commission Expires: 11/2/2036

Notary Public

No.

OFFICIAL SEAL NOTARY PUBLIC STATE OF WEST VIRGINIA Mark J Schall HG Energy LLC 5260 DUPONT ROAD PARKI RSBURG WV 26105

This instrument prepared by HG Energy II Appalachia, LLC 5260 Dupont Road Parkersburg, WV 26101

### EXHIBIT A

### **PROPERTIES**

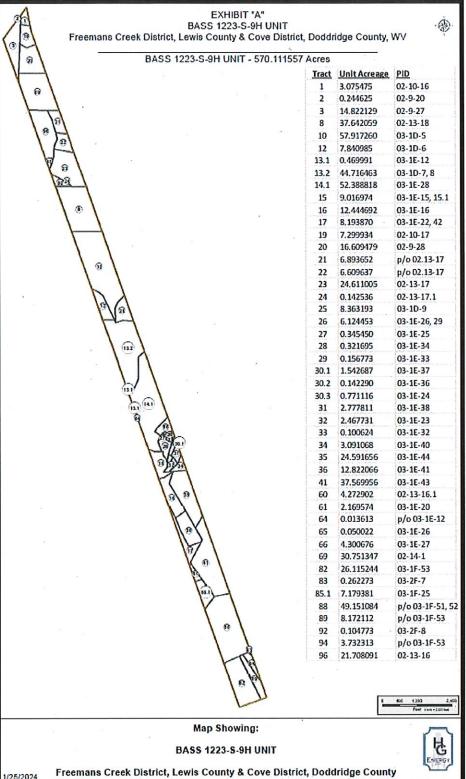
County	District	State	Grantor	Grantee	Date	Parcel #	Book	Page
Doddridge	Cove	WV	Asset Management, LLC	John C. Sipple	8-23-2013	p/o 2-13-16	312	372
						2-9-27		

**Preliminary Unit Plat** 

Exhibit "B"

Doddridge County Lorena C.(Catee) Slater, Clerk Instrument 360724 04/16/2024 @ 10:01:22 AM MEMORANDUM OF O&G LEASE Book 535 @ Page 150 Pages Recorded 6 Recording Cost \$

13.00



### MEMORANDUM OF DRILLING AGREEMENT/ PERMISSION TO PERMIT AND DRILL

#### WITNESSETH:

WHEREAS, NON-OPERATOR is the lessee of record under those certain oil and gas leases and/or owner of certain oil and gas fee interests in the Target Depths (defined below) as set forth on Exhibit A attached hereto (collectively "The Properties") or as located within the unit more particularly set forth on Exhibit B attached hereto ("the "Unit"); and

WHEREAS, NON-OPERATOR and OPERATOR did execute that certain DRILLING AGREEMENT / PERMISSION TO PERMIT AND DRILL (the "<u>Drilling Agreement</u>"), executed contemporaneously herewith, in which NON-OPERATOR agreed to grant OPERATOR certain rights to operate The Properties, and the Parties wish to place this Memorandum of record to put all persons on notice of same.

NOW, THEREFORE, That for and in consideration of the sum set forth in the DRILLING AGREEMENT, paid in hand, the receipt and sufficiency of which is hereby acknowledged, and intending to be legally bound, the Parties agree as follows:

- 1. The Parties hereto acknowledge the accuracy of the foregoing recitals, which are hereby incorporated herein by reference and made a part hereof.
- 2. The Drilling Agreement is dated the MARCH 22, 20 24 and is effective as of MARCH 22, 20 24 (the "Effective Date").
- 3. The term of the Drilling Agreement is for a term beginning on the Effective Date and ending Five (5) years therefrom and so long thereafter if a well is drilled hereunder, until terminated as set forth in paragraph 10 of the Drilling Agreement, or unless otherwise extended by the Parties as set forth in the Drilling Agreement.
- 4. The Drilling Agreement applies to the Target Depths in The Properties. "<u>Target Depths</u>" means the Marcellus Shale Formation, defined as: from the stratigraphic equivalent of the top of the Tully Limestone at 6,688 feet to the stratigraphic equivalent of the Base of the

- Marcellus Shale at a depth of 6,940 feet, as seen in the HG ENERGY II APPALACHIA, LLC's KST5 DH (API 047-033-05817) well logs dated February 9, 2015.
- 5. Under the Drilling Agreement, Non-Operator granted to Operator rights to conduct oil and gas operations on The Properties and the Unit, including without limitation, the right to apply for and obtain all applicable well drilling permits, horizontal unitization orders, and any governmental approvals for the drilling of one or more wellbore laterals in, under, and through the Properties in the Unit, and to drill, complete, operate, and produce oil, gas and other constituents from such wells, as well as to pool or unitize The Properties.
- 6. The Drilling Agreement will be binding upon Operator and Non-Operator, and their respective successors and assigns. In the event of any assignment or transfer of the Drilling Agreement, the assigning or transferring party shall require such assignee or transferee to expressly assume and be bound by the terms of the Drilling Agreement. This Memorandum shall be governed by the laws of the State of West Virginia. Operator and Non-Operator each represents and warrants that the individual signing this Memorandum on its behalf has the authority to do so and to bind the respective party. This Memorandum may be executed in any number of counterparts, each of which shall be considered an original for all purposes, and all of which, when taken together, shall constitute one and the same instrument.
- 7. The Drilling Agreement contains additional terms and conditions not repeated herein; nonetheless, the full terms and conditions of the Drilling Agreement shall control and this Memorandum shall not be considered in any way a modification or alteration of the Drilling Agreement.
- 8. This Memorandum may be executed in counterparts, each of which shall be deemed an original instrument, but all such counterparts together shall constitute one and the same instrument.

[SIGNATURE PAGES FOLLOW]

The remainder of this page left intentionally blank.

IN WITNESS WHEREOF, the Parties have caused this This Memorandum of Drilling Agreement/Permission to Permit and Drill to be executed by their respective duly authorized representatives, as of the date first written above.

NON-OPERATOR:
By: Robert M. Newsome
INDIVIDUAL ACKNOWLEDGMENT
COMMONWEALTH/STATE OF Alabama ) COUNTY OF Baldwin
The foregoing instrument was acknowledged before me this day of day of
MY COMMISSION EXPIRES: 07/14/2026
Notary Public
AB SUBLIC WE

OPERATOR:

HG ENERGY II APPALACHIA, LLC

By:

Jared Hall - President

### **ACKNOWLEDGEMENT**

STATE OF WEST VIRGINIA COUNTY OF WOOD

BEFORE ME, a Notary Public in and for said county and state, personally appeared Jared Hall, President of HG Energy II Appalachia LLC, who acknowledged to me that he is duly authorized officer of said company, and that he did execute the foregoing instrument and that the same is his free act and deed and the free act and deed of said company.

IN TESTIMONY WHEREOF, I have hereunto set my hand and official seal at PARKERSBUR 6, WV, this \_\_\_\_\_\_\_, and \_\_\_\_\_\_\_\_, 2024.

My Commission Expires:

Notary Public

OFFICIAL SEAL NOTATY PUBLIC STATE OF WEST VIRGINIA Mark J Schall IIG Energy LLC SZED DUPONT ROAD PARKLISDUNG WV 26105 NY COMMISSION PRIS NOTWETTE, 2004

This instrument prepared by HG Energy II Appalachia, LLC 5260 Dupont Road Parkersburg. WV 26101

### EXHIBIT A

### **PROPERTIES**

County	District	State	Grantor	Grantee	. Date	Parcel #	Book	Page
Doddridge	Cove	WV	Asset Management, LLC	Robert M. Newsome	8-23-2013	p/o 2-13-16	312	380
						2-9-27		

Doddridge County
Lorena C.(Catee) Slater: Clerk
Instrument 360729
04/16/2024 @ 10:01:27 AM
MEMORANDUM OF O&G LEASE
Book 535 @ Page 180
Pages Recorded &
Recording Cost \$ 13.00

### <u>Exhibit "B"</u> Preliminary Unit Plat

EXHIBIT 'A" BASS 1223-S-9H UNIT ·(1) Freemans Creek District, Lewis County & Cove District, Doddridge County, WV BASS 1223-S-9H UNIT - 570.111557 Acres Tract Unit Acreage PID 3.075475 02 10 16 1 2 0.244625 02-9-20 02-9-27 14.822129 3 37.612059 02 13 18 57.917260 03-1D-5 10 12 7.840985 03-1D-6 0.469991 03-1E-12 13.1 13.2 44,716463 03-10-7, 8 52.388818 03-1E-28 14,1 03-1E-15, 15.1 15 9.016974 16 12,444692 03-1E-16 03-1E-22, 42 17 8,193870 02-10-17 19 7,299934 02-9-28 20 16,609479 21 6,893652 p/o 02.13-17 p/o 02.13-17 6,600637 22 23 24,611005 02-13-17 24 0.142536 02-13-17.1 25 8.363193 03-1D-9 6.124453 03-1E-26, 29 26 27 0.345450 03-1E-25 03-1E-34 28 0.321695 29 0.156773 03-1E-33 1.542687 03-1E-37 30.1 30.2 0.142290 03-1E-36 30.3 0.771116 03-1E-24 31 2.777811 03-1E-38 2.467731 03-1E-23 32 33 0.100624 03-1E-32 3.001068 03-1E-40 34 35 24.591656 03-1E-44 03-1E-41 12.822066 36 37.569956 03-1E-43 41 02-13-16.1 60 4.272902 2.169574 03-1E-20 61 p/o 03-1E-12 64 0.013613 65 0.050022 03-1E-26 4,300676 03-1E-27 6G 69 30.751347 02-14-1 26.115244 03-1F-53 82 0.262273 03-2F-7 83 7.179381 03-1F-25 85.1 p/o 03-1F-51, 52 88 49.151084 p/o 03-1F-53 89 8.172112 0.101773 03-2F-8 92 p/o 03-1F-53 94 3.732313 02-13-16 21.708091 Map Showing: 넁 BASS 1223-S-9H UNIT Freemans Creek District, Lewis County & Cove District, Doddridge County

ALEX JOHNS S260 DUFGNT RD PARKERSHIRG IUU 26.101-77.19

### MEMORANDUM OF DRILLING AGREEMENT/ PERMISSION TO PERMIT AND DRILL

#### WITNESSETH:

**WHEREAS**, NON-OPERATOR is the lessee of record under those certain oil and gas leases and/or owner of certain oil and gas fee interests in the Target Depths (defined below) as set forth on Exhibit A attached hereto (collectively "The Properties") or as located within the unit more particularly set forth on Exhibit B attached hereto ("the "Unit"); and

WHEREAS, NON-OPERATOR and OPERATOR did execute that certain DRILLING AGREEMENT / PERMISSION TO PERMIT AND DRILL (the "<u>Drilling Agreement</u>"), executed contemporaneously herewith, in which NON-OPERATOR agreed to grant OPERATOR certain rights to operate The Properties, and the Parties wish to place this Memorandum of record to put all persons on notice of same.

**NOW, THEREFORE,** That for and in consideration of the sum set forth in the DRILLING AGREEMENT, paid in hand, the receipt and sufficiency of which is hereby acknowledged, and intending to be legally bound, the Parties agree as follows:

- 1. The Parties hereto acknowledge the accuracy of the foregoing recitals, which are hereby incorporated herein by reference and made a part hereof.
- 2. The Drilling Agreement is dated the MARCH 87#, 20 74 and is effective as of MARCH 87#, 20 24 (the "Effective Date").
- 3. The term of the Drilling Agreement is for a term beginning on the Effective Date and ending Five (5) years therefrom and so long thereafter if a well is drilled hereunder, until terminated as set forth in paragraph 10 of the Drilling Agreement, or unless otherwise extended by the Parties as set forth in the Drilling Agreement.
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[SIGNATURE PAGES FOLLOW]

The remainder of this page left intentionally blank.

IN WITNESS WHEREOF, the Parties have caused this This Memorandum of Drilling Agreement/Permission to Permit and Drill to be executed by their respective duly authorized representatives, as of the date first written above.

Pinebelt Oil & Gas, Inc

By: James W. Fugate

Title: President

#### ACKNOWLEDGEMENT

STATE OF	Florida	
COUNTY OF	Santa Rosa	

BEFORE ME, a Notary Public in and for said county and state, personally appeared James W. Fugate, President of Pinebelt Oil and Gas, Inc., who acknowledged to me that he is duly authorized officer of said company, and that he did execute the foregoing instrument and that the same is his free act and deed and the free act and deed of said company.

IN TESTIMONY WHEREOF, I have hereunto set my hand and official seal at , this 8 day of March , 20 24

My Commission Expires: 1-b-26

MARCI L. BERGMANN MY COMMISSION #HH214053 EXPIRES: JAN 06, 2026
Bonded through 1st State Insurance

**OPERATOR:** 

HG ENERGY II APPALACHIA, LLC

By:

Jared Hall - President

### **ACKNOWLEDGEMENT**

STATE OF WEST VIRGINIA COUNTY OF WOOD

BEFORE ME, a Notary Public in and for said county and state, personally appeared Jared Hall, President of HG Energy II Appalachia LLC, who acknowledged to me that he is duly authorized officer of said company, and that he did execute the foregoing instrument and that the same is his free act and deed and the free act and deed of said company.

IN TESTIMONY WHEREOF, I have hereunto set my hand and official seal at

PARKERSBURG, WV, this / day of APRIL , 2024

My Commission Expires: 11/2/2026

Notary Public

OFFICIAL SEAL
NOTARY PUBLIC
SIATE OF WEST VIRIGINIA
Mark J Schall
HIG Energy LLC
52560 DUPONT ROAD
PARKLINSBURG W 26105
W GANWOOD OF PRESIDENTIATING 200

This instrument prepared by HG Energy II Appalachia, LLC 5260 Dupont Road Parkersburg. WV 26101

### EXHIBIT A

### **PROPERTIES**

County	District	State	Grantor	Grantee	Date	Parcel #	Book Page
Doddridge	Cove	WV ·	Asset Management, LLC	Pinebelt Oil & Gas, Inc.	8-23-2013	p/o 2-13-16	312 376
_						2-9-27	

EX JOHNS 660 DIPONT RD ARKERSBURG WV 26.101-7719 Exhibit "B"
Preliminary Unit Plat

Doddridge County
Lorena C.(Catee) Slater, Clerk
Instrument 360726
04/16/2024 @ 10:01:24 AM
MEMORANDUM OF 086 LEASE
Book 535 @ Page 162
Pages Recorded 6
Recording Cost \$ 13.00

EXHIBIT "A" BASS 1223-S-9H UNIT 1 Freemans Creek District, Lewis County & Cove District, Doddridge County, WV BASS 1223-S-9H UNIT - 570.111557 Acres Tract Unit Acreage PID 1 3.075475 02-10-16 0.241625 02-9-20 14.822129 3 02-9-27 8 37.642059 02-13-18 10 57.917260 03-1D-5 7.840985 03-1D-6 12 13.1 0.469991 03-1E-12 13.2 44.716463 03-1D-7, 8 14.1 52.388818 03-1E-28 15 9.016974 03-16-15, 15.1 12,444692 03-16-16 03-1E-22, 42 17 8,193870 19 7.299934 02-10-17 20 16,609479 02-9-28 21 6.893652 p/o 02.13-17 13 p/o 02.13-17 22 6.609637 23 24.611005 02-13-17 0,142536 02-13-17.1 24 25 8.363193 03-1D-9 26 03-1E-26, 29 G.124453 27 0.345450 03-1E-25 28 0.321695 03-1E-34 29 0.156773 03-1E-33 30.1 1.542687 03-1E-37 30.2 0.142290 03-1E-36 0.771116 30.3 03-1E-24 2.777811 03-1E-38 2.467731 32 03-1E-23 33 0.100624 03-1E-32 34 3.001068 03-1E-40 35 24.591656 03-1E-44 36 12.822066 03-1E-41 41 37.569956 03-1E-13 60 4,272902 02-13-16.1 61 2.169574 03-1E-20 0.013613 p/o 03-1E-12 61 65 0,050022 03-1E-26 66 4.300676 03-1E-27 30,751347 69 02-14-1 82 26.115244 03-1F-53 83 0.262273 03-2F-7 85.1 7.179381 03-1F-25 49.151084 p/o 03-1F-51, 52 88 89 8.172112 p/o 03-1F-53 92 0.101773 03-2F-8 94 3.732313 p/o 03-1F-53 96 21.708091 02-13-16 Map Showing: 녆 **BASS 1223-S-9H UNIT** 

19223196.3

Freemans Creek District, Lewis County & Cove District, Doddridge County

### HG Energy II Appalachia, LLC

5260 Dupont Road Parkersburg, WV 26101 (304) 420-1100 - Office (304) 863-3172 - Fax

July 29, 2024

WV DEP Division of Oil & Gas Attn: Cragin Blevins 601 57<sup>th</sup> Street Charleston, West Virginia 25304

RE:

Barnes 1223 S-9H Drill Permit Revision Request – (47-041-06977)

Cove District, Doddridge County

West Virginia

Dear Mr. Blevins -

Per our discussions, enclosed are revised forms (survey plat, mylar, WW-6B, casing schematic, AOR and WW-6A1) and a check for expedited service for the 1223 S-9H well work permit revision request. We ask the permit be modified to include additional acquired leases resulting in extended total measured depth and horizontal leg for the specified lateral.

Please let me know if you have any questions or require additional information. I can be reached at (304) 420-1119 or <a href="mailto:dwh.delen.gov.dwh.gov.dwh.delen.gov.dwh.delen.gov.dwh.delen.gov.dwh.delen.gov.dwh.delen.gov.

Very truly yours,

Diane White

Diane C. White

Enclosures

Office of Oil and Gas

Un 15th ec

AUG 9 2024

WV Department of Environmental Protection

cc: Isaiah Richards – WV DEP State Inspector