

State of West Virginia
Department of Environmental Protection - Office of Oil and Gas
Well Operator's Report of Well Work

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MAY 06 2021

WV Department of
Environmental Protection

API 47 - 051 - 02219 County Marshall District Franklin
Quad Powhatan Point 7.5' Pad Name Michter Field/Pool Name _____
Farm name Larry W. Dunlap, et al Well Number Michter N-8HU
Operator (as registered with the OOG) Tug Hill Operating, LLC
Address 380 Southpointe Boulevard, Plaza II, Suite 200 City Canonsburg State PA Zip 15317

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 4,405,909.11 Easting 517,328.49
Landing Point of Curve Northing 4,406,247.14 Easting 518,002.06
Bottom Hole Northing 4,409,014.07 Easting 516,048.61

Elevation (ft) 1126.1' GL Type of Well New Existing Type of Report Interim Final
Permit Type Deviated Horizontal Horizontal 6A Vertical Depth Type Deep Shallow
Type of Operation Convert Deepen Drill Plug Back Redrilling Rework Stimulate
Well Type Brine Disposal CBM Gas Oil Secondary Recovery Solution Mining Storage Other _____
Type of Completion Single Multiple Fluids Produced Brine Gas NGL Oil Other _____
Drilled with Cable Rotary

Drilling Media Surface hole Air Mud Fresh Water Intermediate hole Air Mud Fresh Water Brine
Production hole Air Mud Fresh Water Brine

Mud Type(s) and Additive(s)
SOBM; Base oil, osmotic inhibitor, weighting agent, viscosifier, emulsifier, hardness buffer, fluid loss additive, LCM, shale inhibitor, de-foamer, soaping agent, coagulant, flocculant; Specific additives per WSSP and Permit.

Date permit issued 9/24/2019 Date drilling commenced 10/23/2019 Date drilling ceased 10/27/2020
Date completion activities began 12/12/2020 Date completion activities ceased 12/27/2020
Verbal plugging (Y/N) N Date permission granted N/A Granted by N/A

Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug

Freshwater depth(s) ft 739' Open mine(s) (Y/N) depths N
Salt water depth(s) ft 1042' Void(s) encountered (Y/N) depths N
Coal depth(s) ft 638-644', 733-739' Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

Reviewed by:

B.S.
~~08/27/2021~~
8-10-21

API 47-051 - 02219 Farm name Larry W. Dunlap, et al Well number Michter N-8HU

CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft	Basket Depth(s)	Did cement circulate (Y/N) * Provide details below*
Conductor	36"	30"	120'	NEW	94.5#	N/A	Y
Surface	26"	20"	830'	NEW	106.5#	N/A	Y
Coal							
Intermediate 1	17 1/2"	13 3/8"	2,656'	NEW	54.5#	N/A	Y
Intermediate 2	12 1/4"	9 5/8"	10,163'	NEW	36#	N/A	Y
Intermediate 3							
Production	8 1/2"	5 1/2"	23,271'	NEW	23#	N/A	Y
Tubing		2 7/8"	11,636'	NEW	4.7#	N/A	Y
Packer type and depth set							RECEIVED Office of Oil and Gas

Comment Details _____

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CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft ³ /sks)	Volume (ft ³)	Cement Top (MD)	WOC (hrs)
Conductor	A		15.6	1.19		0	8
Surface	A	1,485	15.6	1.19	1,774	0	8
Coal							
Intermediate 1	A	2,038	15.6	1.19	2,462	0	8
Intermediate 2	A	4,240	15.6	1.19	4,919	0	8
Intermediate 3							
Production	A	5,665	14.5	1.17	5,841	0	8
Tubing							

Drillers TD (ft) 23,311' Loggers TD (ft) n/a
 Deepest formation penetrated Marcellus Plug back to (ft) n/a
 Plug back procedure n/a

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Kick off depth (ft) 10,290'

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Check all wireline logs run caliper density deviated/directional induction
 neutron resistivity gamma ray temperature sonic

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Well cored Yes No Conventional Sidewall Were cuttings collected Yes No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING 3 centralizers on surface casing at equal distance.
Intermediate - 1 centralizer every other joint
Production - one centralizer every other joint in lateral, one centralizer every joint through curve, one centralizer every other joint to surface.

WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS _____

WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS _____

WERE TRACERS USED Yes No TYPE OF TRACER(S) USED _____

08/27/2021

API 47-051 - 02219

Farm name Larry W. Dunlap, et al

Well number Michter N-8HU

PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
	*see attached				

Please insert additional pages as applicable.

STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

Stage No.	Stimulations Date	Ave Pump Rate (BPM)	Ave Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbls)	Amount of Nitrogen/other (units)
	attached							

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Please insert additional pages as applicable.

Michter N-8HU
PEFORATION RECORD

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Stage No.	Perforation Date	Perforated from MD ft.	Perforated to MD. Ft.	Number of Perforations	WV Department of Environmental Protection Formation(s)
1	12/12/2020	23082	23131	48	Utica
2	12/12/2020	22855	23030	48	Utica
3	12/12/2020	22655	22830	48	Utica
4	12/13/2020	22456	22631	48	Utica
5	12/13/2020	22256	22431	48	Utica
6	12/13/2020	22057	22232	48	Utica
7	12/13/2020	21857	22032	48	Utica
8	12/14/2020	21658	21833	48	Utica
9	12/14/2020	21458	21633	48	Utica
10	12/14/2020	21259	21434	48	Utica
11	12/14/2020	21059	21234	48	Utica
12	12/14/2020	20860	21035	48	Utica
13	12/15/2020	20660	20835	48	Utica
14	12/15/2020	20461	20636	48	Utica
15	12/15/2020	20261	20436	48	Utica
16	12/15/2020	20062	20237	48	Utica
17	12/16/2020	19862	20037	48	Utica
18	12/16/2020	19663	19838	48	Utica
19	12/16/2020	19463	19638	48	Utica
20	12/17/2020	19264	19439	48	Utica
21	12/17/2020	19064	19239	48	Utica
22	12/17/2020	18865	19040	48	Utica
23	12/17/2020	18665	18840	48	Utica
24	12/18/2020	18466	18641	48	Utica
25	12/18/2020	18266	18441	48	Utica
26	12/18/2020	18067	18242	48	Utica
27	12/18/2020	17867	18042	48	Utica
28	12/18/2020	17668	17843	48	Utica
29	12/19/2020	17468	17643	48	Utica
30	12/19/2020	17269	17444	48	Utica
31	12/19/2020	17069	17244	48	Utica
32	12/19/2020	16870	17045	48	Utica
33	12/20/2020	16670	16845	48	Utica
34	12/20/2020	16471	16646	48	Utica
35	12/20/2020	16271	16446	48	Utica
36	12/20/2020	16072	16247	48	Utica
37	12/21/2020	15872	16047	48	Utica
38	12/21/2020	15673	15848	48	Utica
39	12/21/2020	15473	15648	48	Utica
40	12/21/2020	15274	15449	48	Utica
41	12/22/2020	15074	15249	48	Utica

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42	12/22/2020	14875	15050	48	Utica
43	12/22/2020	14675	14850	48	Utica
44	12/22/2020	14476	14651	48	Utica
45	12/23/2020	14276	14451	48	Utica
46	12/23/2020	14077	14252	48	Utica
47	12/23/2020	13877	14052	48	Utica
48	12/23/2020	13678	13853	48	Utica
49	12/24/2020	13478	13653	48	Utica
50	12/24/2020	13279	13454	48	Utica
51	12/26/2020	13079	13254	48	Utica
52	12/26/2020	12880	13055	48	Utica
53	12/26/2020	12680	12855	48	Utica
54	12/27/2020	12481	12656	48	Utica
55	12/27/2020	12281	12456	48	Utica
56	12/27/2020	12082	12257	48	Utica

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STIMULATION INFORMATION PER STAGE

Stage No.	Ave. Pump Rate (BPM)	Ave Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbls)	Amount of Nitrogen/other (units)
1	83	11184	7324	6189	251301	6646	0
2	90	11265	7036	8141	501820	9248	0
3	89	11181	7372	8130	496200	9227	0
4	89	11170	8619	7099	499900	9311	0
5	90	11253	8914	7216	498860	9266	0
6	90	11214	8804	7370	500880	9223	0
7	88	10747	6914	6899	498340	10174	0
8	89	10775	7298	7602	494640	9137	0
9	91	10984	8161	7866	497480	9207	0
10	90	10760	8492	7362	500540	9129	0
11	90	10826	8495	8053	497640	9206	0
12	88	10691	7889	8099	500360	9212	0
13	89	10677	7864	7553	497120	9203	0
14	89	10765	7703	7590	496460	9118	0
15	90	10566	7979	8740	496780	9053	0
16	89	10623	5000	7622	495520	9091	0
17	89	10451	7660	7251	497089	9070	0
18	89	10430	7068	7714	500220	9179	0
19	91	10434	7075	8811	500320	9179	0
20	89	10307	7046	7716	498340	8942	0
21	90	10413	6995	7492	505060	9202	0
22	89	10323	7430	8231	500820	9125	0
23	89	10265	8137	8185	500580	9238	0
24	89	10194	7668	7395	494340	9027	0
25	90	10239	7170	7421	507460	9049	0
26	90	10458	8033	7514	498720	9085	0
27	90	10383	7535	7690	497440	9002	0
28	89	10304	7123	7659	495940	8884	0
29	90	10531	7702	7232	500460	9098	0
30	90	10472	7619	7039	497180	8981	0
31	90	10457	7024	7211	498640	9031	0
32	89	10153	6946	7351	499100	9871	0

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Stage No.	Ave. Pump Rate (BPM)	Ave Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbls)	Amount of Nitrogen/other (units)
33	90	10352	9103	7520	497980	9017	0
34	90	10378	7995	7499	497540	8940	0
35	90	10314	8122	8417	499280	9011	0
36	89	10298	8329	8043	501740	8902	0
37	90	9991	7838	8038	498940	8888	0
38	90	10040	7797	7859	498380	9039	0
39	90	10163	7774	7994	501640	8870	0
40	90	10174	8182	7838	502160	8840	0
41	90	10151	7468	7996	498040	8894	0
42	90	10201	8092	8127	495820	8851	0
43	90	10257	8174	8281	501440	8893	0
44	90	10000	8199	8930	498840	8833	0
45	90	10193	8285	8538	507680	8950	0
46	90	9945	7868	8671	502060	8889	0
47	89	9736	7696	8060	499660	8761	0
48	90	9862	7749	8513	497060	8720	0
49	90	9966	7871	9567	496460	8798	0
50	90	9835	7692	8599	505500	9056	0
51	89	9760	7811	9187	502020	11300	0
52	89	9835	8004	8113	508160	8882	0
53	90	9698	8019	8274	507520	8962	0
54	90	9743	7814	9200	507440	8820	0
55	89	9670	7668	8267	503660	8603	0
56	90	9631	7915	7991	505440	8720	0

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MICHTER N-8HU

LITHOLOGY/FORMATION	TOP DEPTH IN FT/ Name TVD	BOTTOM DEPTH IN FT TVD	TOP DEPTH IN FT MD	BOTTOM DEPTH IN FT MD	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID
Maxton	1972	2060	1972	2061	Sandstone
Big Lime	2060	2102	2061	2103	Limestone
Big Injun	2102	2448	2103	2449	Sandstone
Weir	2448	2574	2449	2575	Sandstone
Berea	2574	2797	2575	2798	Sandstone
Gordon	2797	2844	2798	2845	Sandstone
Fifty Foot	2844	3404	2845	3406	Sandstone
Speechley	3404	4776	3406	4784	Sandstone
Benson	4776	5145	4784	5154	Sandstone
Alexander	5145	5766	5154	5777	Siltstone
Rhinestreet	5766	6123	5777	6136	Black shale
Middlesex	6123	6147	6136	6160	Black shale
Geneseo/Burkett	6147	6232	6160	6245	Black shale
Tully	6232	6257	6245	6271	Limestone
Hamilton	6257	6281	6271	6295	Grey shale
Marcellus	6281	6336	6295	6350	Black shale
Onondaga	6336	6581	6350	6596	Limestone
Oriskany	6581	6681	6596	6698	Sandstone
Helderberg	6681	7017	6698	7052	Limestone
Salina	7017	8051	7052	8195	Salt/Anhydrite/LS
Lockport	8051	8414	8195	8591	Dolomite
Rose Hill	8414	8676	8591	8880	Shale
Packer Shell	8676	8861	8880	9084	Limestone
Clinton/Tuscarora	8861	8948	9084	9181	Sandstone
Juniata/Queenston	8948	9712	9181	10028	Red Shale
Reedsville	9712	10688	10028	11317	Grey Shale
Utica	10688	10934	11317	11888	Black Shale
Point Pleasant	10934	-	11888	-	Shale/Limestone

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Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	12/12/2020
Job End Date:	12/27/2020
State:	West Virginia
County:	Marshall
API Number:	47-051-02219-00-00
Operator Name:	Tug Hill Operating, LLC
Well Name and Number:	Michter N 8HU
Latitude:	39.80297218
Longitude:	-80.79757391
Datum:	NAD27
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	10,868
Total Base Water Volume (gal):	21,287,826
Total Base Non Water Volume:	0



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Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
Water	Tug Hill Operating	Carrier/Base Fluid	Water	7732-18-5	100.00000	86.16302	None
Sand (40/70 White Proppant)	ProFrac	Proppant	Silica Substrate	14808-60-7	100.00000	10.58301	None
Sand (100 Mesh Proppant)	ProFrac	Proppant	Silica Substrate	14808-60-7	100.00000	2.87642	None
Hydrochloric Acid (7.5%)	PVS	Acidizing	Water	7732-18-5	85.00000	0.21107	None
			Hydrochloric Acid (Hydrogen Chloride)	7647-01-0	37.00000	0.09188	None
StimStream FR 9800	Chemstream	Friction Reducer	Alkanes, C16-20-iso-	90622-59-6	25.00000	0.02066	None
			Butene, homopolymer	9003-29-6	25.00000	0.02066	None
			Ethoxylated alcohols (C12-18)	68213-23-0	3.00000	0.00248	None
MC MX 9-4743	Multi-Chem	Biocide	Sodium Nitrate	7631-99-4	60.00000	0.02197	None
LD-7750W	Multi-Chem	Scale Inhibitor					

			Methanol	67-56-1	60.00000	0.00499	None
			Phosphonic Acid Salt	Proprietary	5.00000	0.00042	None
ProFE 105	ProFrac	Iron Control					
			Citric Acid	77-92-9	100.00000	0.00090	None
ProHib 100	ProFrac	Acid Inhibitor					
			2-Propyn-1-ol compound w/ methyloxirane	38172-91-7	15.00000	0.00011	None
Ingredients shown above are subject to 29 CFR 1910.1200(i) and appear on Material Safety Data Sheets (MSDS). Ingredients shown below are Non-MSDS.							
Other Chemical(s)	Listed Above	See Trade Name(s) List					
			Water	7732-18-5	85.00000	0.21107	
			Butene, homopolymer	9003-29-6	25.00000	0.02066	
			Ethoxylated alcohols (C12-18)	68213-23-0	3.00000	0.00248	
			Phosphonic Acid Salt	Proprietary	5.00000	0.00042	

* Total Water Volume sources may include fresh water, produced water, and/or recycled water

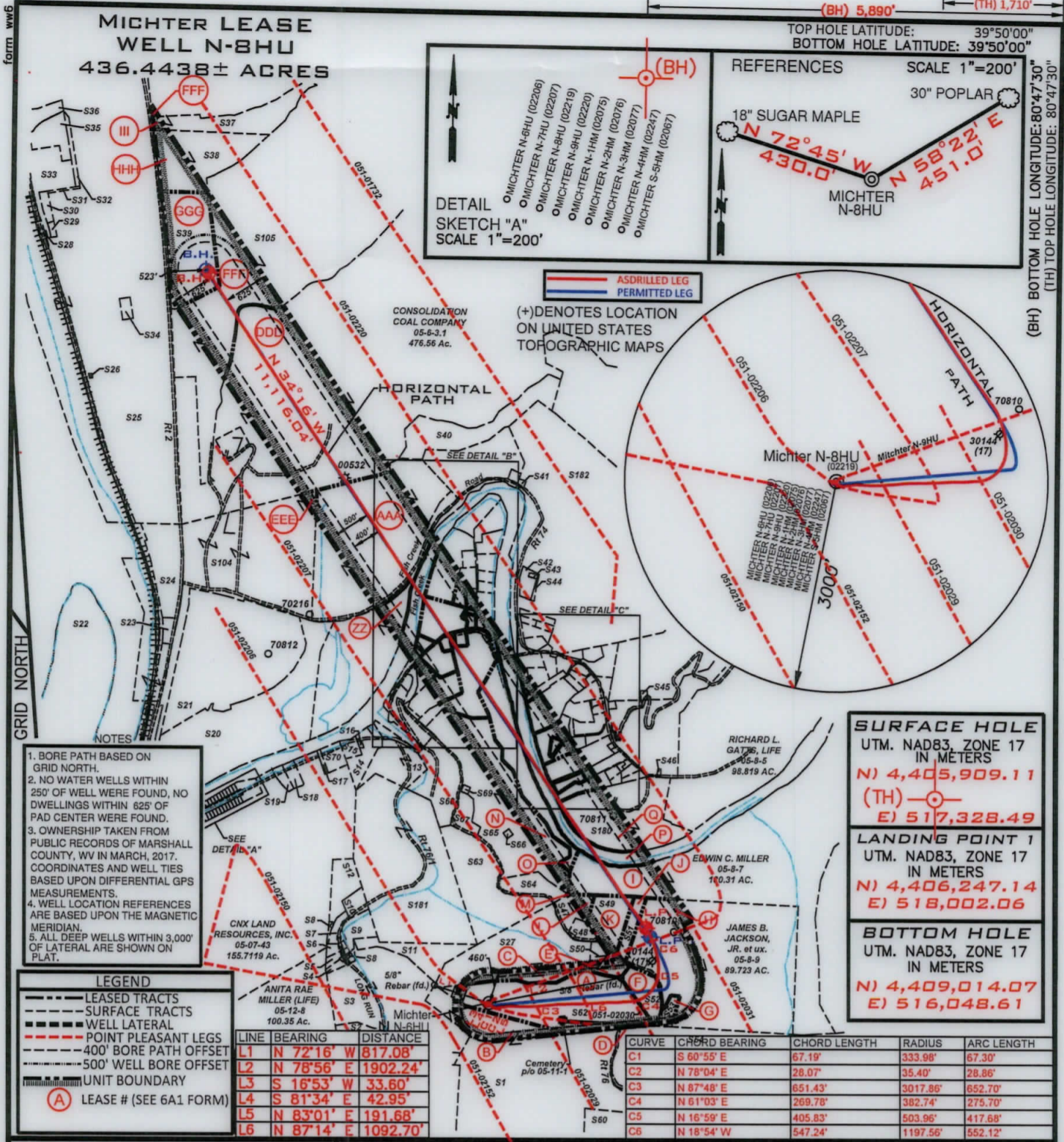
** Information is based on the maximum potential for concentration and thus the total may be over 100%

Note: For Field Development Products (products that begin with FDP), MSDS level only information has been provided.

Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)

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**MICHTER LEASE
WELL N-8HU
436.4438± ACRES**



SURFACE HOLE
UTM. NAD83, ZONE 17
IN METERS
N) 4,405,909.11
(TH) —○—
E) 517,328.49

LANDING POINT 1
UTM. NAD83, ZONE 17
IN METERS
N) 4,406,247.14
E) 518,002.06

BOTTOM HOLE
UTM. NAD83, ZONE 17
IN METERS
N) 4,409,014.07
E) 516,048.61

FILE NUMBER _____

DRAWING NUMBER MICHTER_N-8HU_REV1

SCALE 1" = 2000'

MINIMUM DEGREE OF ACCURACY 1/200

PROVEN SOURCE OF ELEVATION SUBMETER MAPPING
GRADE GPS

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

P.S. 708

David L Jackson

JACKSON SURVEYING INC.
P.O. Box 1460
Clarksburg, WV 26302
304-623-5851



WVDEP
OFFICE OF OIL & GAS
601 57TH STREET, SE
CHARLESTON, WV 25304

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS") PRODUCTION X STORAGE ___ DEEP X SHALLOW ___

LOCATION ELEVATION 1126.0' WATERSHED (HUC 10) FISH CREEK

DISTRICT FRANKLIN COUNTY MARSHALL

QUADRANGLE POWHATAN POINT 7.5' LEASE NUMBER SEE WW-6A1 FORM

SURFACE OWNER LARRY W. DUNLAP, ET AL ACREAGE 34.405

OIL & GAS ROYALTY OWNER LARRY W. DUNLAP, ET AL LEASE ACREAGE 436.4438

PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___
PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE (SPECIFY) ASDRILLED

TARGET FORMATION POINT PLEASANT ESTIMATED DEPTH TVD: 10,764' TMD: 23,311'

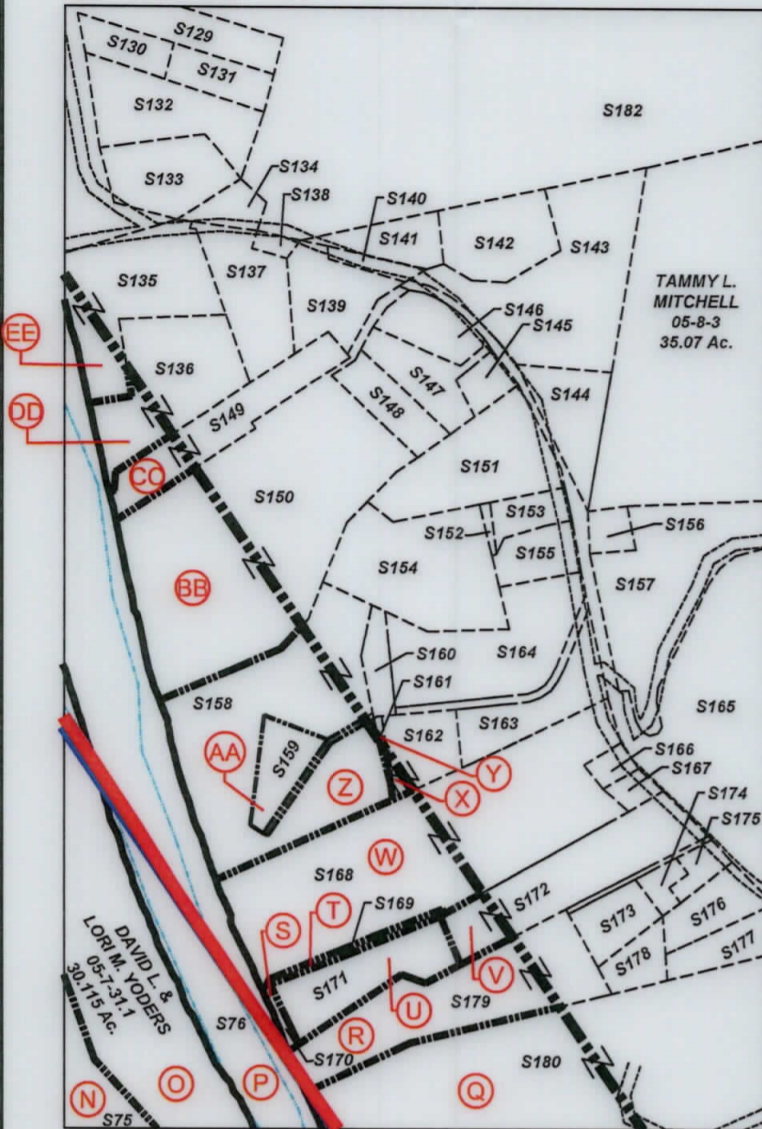
WELL OPERATOR TUG HILL OPERATING, LLC DESIGNATED AGENT DIANNA STAMPER
ADDRESS 1320 SOUTH UNIVERSITY DRIVE, SUITE 500 ADDRESS 5400 D BIG TYLER ROAD
FORT WORTH, TX 76107 CHARLESTON, WV 25313

08/27/2021

COUNTY NAME
PERMIT

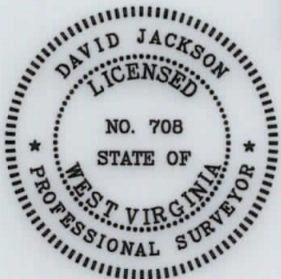
form ww6

**MICHTER LEASE
WELL N-8HU
436.4438± ACRES**

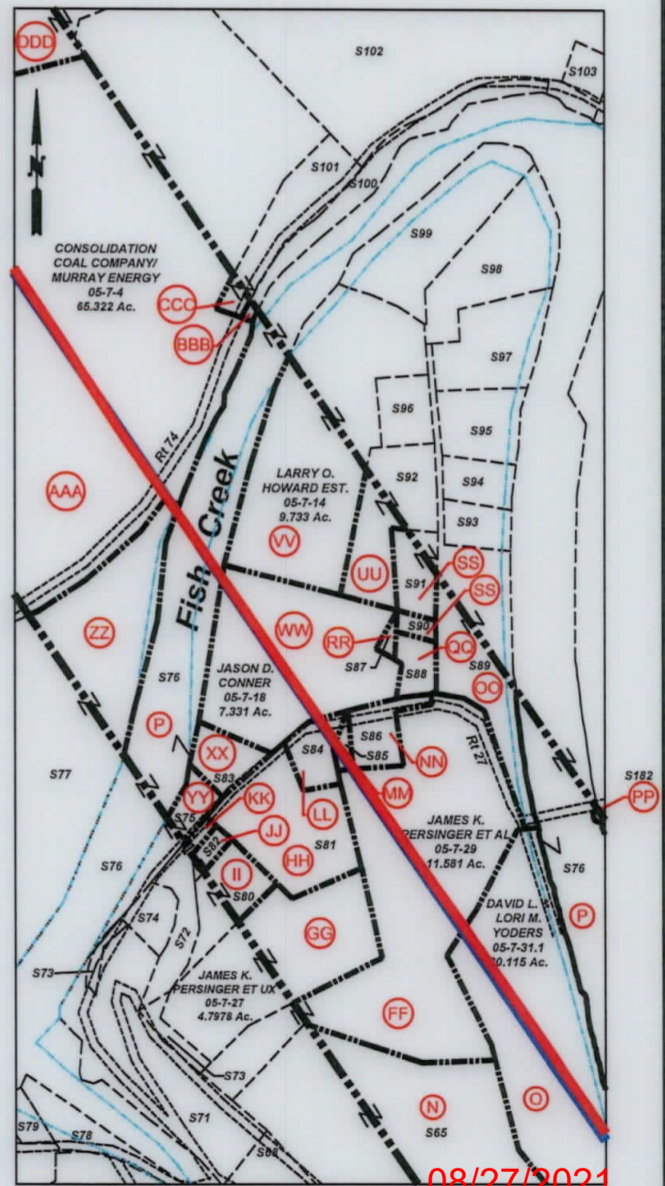
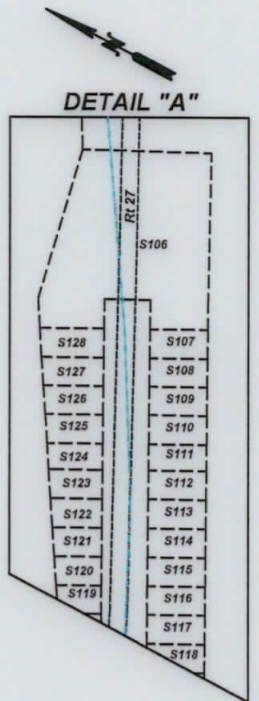


DETAIL "C" N.T.S.

SURFACE HOLE UTM. NAD83, ZONE 17 IN METERS N) 4,405,909.03 E) 517,328.60
LANDING POINT 1 UTM. NAD83, ZONE 17 IN METERS N) 4,406,209.42 E) 518,020.50
BOTTOM HOLE UTM. NAD83, ZONE 17 IN METERS N) 4,409,025.82 E) 516,035.69



P.S. 708 *David L Jackson*



DETAIL "B" 08/27/2021



**TUG HILL
OPERATING**

OPERATOR'S
WELL #: Michter N-8HU
DISTRICT: Franklin
COUNTY: Marshall
STATE: WV
API #: 47-051-02219

WELL PLAT
PAGE 2 OF 7
DATE: 04/22/2021

**MICHTER LEASE
WELL N-8HU
436.4438± ACRES**

Number	TAX MAP -PARCEL	SURFACE OWNER	ACRES
S1	B 05-11-21	Karen Reed, et al	112.67
S2	05-12-10	Consolidation Coal Company/ Murray Energy c/o Land Dept	13.76
S3	05-12-10.1	Consolidation Coal Company/ Murray Energy	38.48
S4	05-07-42.4	Lionel & Mary Lee Persinger	0.94
S5	05-07-42.3	Joshua David Hartley	0.886
S6	05-07-42.2	Steven & Rhonda Lloyd	0.85
S7	05-07-44	Crystal B. Darrah	1.726
S8	05-07-42	Tracy M. Kesterson	0.54
S9	05-07-42.5	Matthew V. Conner, et al	3.791
S10	05-07-41	James A. Wade	1.00
S11	05-12-09	Lionel & Mary Lee Persinger	10.15
S12	05-07-42.1	Lionel L. & Mary Lee Persinger	5.99
S13	05-07-35	Samuel L. Persinger	10.708
S14	05-07-36	John Persinger	4.329
S15	05-07-38	John K. Persinger, et ux	2.65
S16	05-07-37	John K. Persinger, et ux	0.133
S17	05-07-43.3	M. Frank Mason	0.327
S18	05-7B-48	Cassidy Rain Carpenter	1.325
S19	05-7B-49	Cassidy Rain Carpenter	1.1441
S20	05-07-3.3	WV Economic Development Authority	65.2077
S21	05-07-3.4	WV Economic Development Authority	56.3496
S22	05-07-01	U.S. of America	50.0
S23	05-07-3.5	Wheeling Power Company	1.5004
S24	05-06-3.1	Ohio Power Company	28.9966
S25	05-06-10	Ohio Power Company	241.858
S26	05-06-16	Appalachian Power CP	0.61
S27	C 05-11-1.4	Larry Dunlap, et al	32.493
S28	05-06-18	CII Carbon, LLC	0.2754
S29	05-06-12	CII Carbon, LLC	0.43458
S30	05-06-09	CII Carbon, LLC	1.15
S31	05-06-13	CII Carbon, LLC	0.318
S32	05-06-14	CII Carbon, LLC	1.408
S33	05-06-7	CII Carbon, LLC	12.454
S34	05-06-11	Consolidation Coal Company/ Murray Energy	1.05
S35	05-06-08	CII Carbon, LLC	2.727
S36	05-06-15	CII Carbon, LLC	2.522
S37	III 05-06-01	Consolidation Coal Company/ Murray Energy	7.99
S38	HHH 05-06-06	Consolidation Coal Company/ Murray Energy	18.50
S39	GGG 05-06-05	Consolidation Coal Company/ Murray Energy	17.159
S40	05-06-04	Consolidation Coal Company/ Murray Energy	5.47
S41	05-07-09	Norman Thomas Jackson et al	0.25
S42	05-8A-02	Graysville Cemetery Association	1.76
S43	05-8A-01	Calvary M.E. Church	2.0
S44	05-8A-03	Calvary M.E. Church	0.259
S45	05-08-23	Robert L. Shields & Donald L. Shields	0.3
S46	P/O 05-08-4	Cemetery	0.305
S47	L 05-11-01	William N. & Virginia A. Roupe	4.527
S48	05-11-1.6	Debra Morris	2.093
S49	K 05-11-1.7	William S. & Mary K. Adams	8.00
S50	E 05-11-1.3	Jay A. Conner, et ux	4.256
S51	J 05-11-1.5	Paul & Sandy Witt	3.507
S52	F 05-11-1.2	Jay A. Conner, et ux	5.824
S53	G 05-08-9.1	Scott E. Jackson, Tammy S. South & Marion Jackson	1.957
S54	D 05-11-02	Walter C. & Cheryl A. Rine	42.36
S55	05-11-2.2	Joshua Myers	2.193
S56	05-11-2.1	Walter C. & Cheryl A. Rine	1.19
S57	05-11-20	David E. Gray	0.69
S58	05-11-19	David E. Gray	0.532
S59	05-11-03	Kevin R. Corley, et ux	13.18
S60	05-11-17	Kevin R. Corley, et ux	36.13
S61	05-11-14	Hiram's Estate Family, LTD LLP	158.054
S62	A 05-11-1.1	Larry W. Dunlap, et al	34.405
S63	05-07-33	William N. Roupe	24.60
S64	M 05-07-32	William N. & Virginia A. Roupe	4.2

Number	TAX MAP -PARCEL	SURFACE OWNER	ACRES
S65	N 05-07-31	William N. Roupe, et ux	43.147
S66	05-07-31.4	Grandview-Doolen PSD	0.23
S67	05-07-31.2	William N. Roupe, et ux	3.304
S68	05-07-34	WV DOH	10.88
S69	05-07-31.3	William N. & Virginia A. Roupe	0.230
S70	05-07-43.2	M. Frank Mason	1.36
S71	05-07-26	James A. Wade	7.80
S72	KK 05-07-23.1	WV DOH	2.37
S73	05-07-25	WV DOH	0.50
S74	05-07-24	James A. Wade	0.578
S75	YY 05-07-45	Robert L. Henry (Life) & Jeffrey S. Henry	0.65
S76	P Fish Creek	State of WV	25.55
S77	ZZ 05-07-3.2	Ohio Power Company	45.5348
S78	05-07-35.1	Lionel L. & Mary Lee Persinger	0.812
S79	05-07-36.1	Lionel L. & Mary Lee Persinger	0.5579
S80	II 05-07-23	Arle E. Powell	1.435
S81	HH 05-07-27.1	Mark L. Riter, et ux	3.427
S82	JJ 05-07-23.2	Robert L. Henry (Life) & Jeffrey S. Henry	0.256
S83	XX 05-07-21	Aaron S. Meyer	1.775
S84	LL 05-07-22	Jesus & Mary Bustamante	0.782
S85	MM 05-07-28.1	Jesus & Mary Bustamante	0.200
S86	NN 05-07-28	Thelma M. Roupe	0.940
S87	RR 05-07-18.1	Debra L. Bennett	0.13
S88	QQ 05-07-17	Debra L. Bennett	0.614
S89	OO 05-07-15	William Roupe, et ux	6.631
S90	SS 05-07-16	Debra L. Bennett	0.235
S91	TT 05-07-14.2	Robert L. Eyley, Sr. & Jessica L. Bennett	0.998
S92	UU 05-07-14.3	Steven H. Howard	2.669
S93	05-07-15.1	Woodland Hills Recreation Club	1.016
S94	05-07-13	Woodland Hills Recreation Club	1.109
S95	05-07-12	Carol A. & Shelva G. Smith	2.01
S96	05-07-14.1	Larry O. Howard, Est.	1.00
S97	05-07-11	Roy S. & Cynthia M. Meadows	2.90
S98	05-07-10.1	Sandra Kay Beymer & Chad M. Wright	4.237
S99	05-07-10	Darren Edward Thacker	4.737
S100	BBB 05-07-5.1	George A. Knuth	2.95
S101	CCC 05-07-05	CNX Gas Company, LLC	1.407
S102	05-07-06	CNX Gas Company, LLC	21.171
S103	05-07-07	Consolidation Coal Company/ Murray Energy	1.00
S104	EEE 05-07-02	Consolidation Coal Company/ Murray Energy	46.46
S105	FFF 05-06-03	Ohio Power Co.	281.046
S106	05-7B-01	Patricia L. Robinson	1.257
S107	05-7B-47	Daniel D. Robinson, et ux	0.1148
S108	05-7B-46	Daniel D. Robinson, et ux	0.1148
S109	05-7B-45	Daniel D. & Mary E. Robinson	0.1148
S110	05-7B-44	Daniel D. & Mary E. Robinson	0.1148
S111	05-7B-43	Teresa & Thomas Gouldsberry	0.1148
S112	05-7B-42	Teresa & Thomas Gouldsberry	0.1194
S113	05-7B-41	Teresa & Thomas Gouldsberry	0.1148
S114	05-7B-40	Teresa & Thomas Gouldsberry	0.1148
S115	05-7B-39	Teresa & Thomas Gouldsberry	0.1148
S116	05-7B-38	Teresa & Thomas Gouldsberry	0.1148
S117	05-7B-37	Teresa & Thomas Gouldsberry	0.1148
S118	05-7B-36	Albert J. Anderson, Jr.	0.1148
S119	05-7B-11	Teresa & Thomas Gouldsberry	0.1159
S120	05-7B-10	Teresa & Thomas Gouldsberry	0.1199
S121	05-7B-09	Teresa & Thomas Gouldsberry	0.1240
S122	05-7B-08	Teresa & Thomas Gouldsberry	0.1286
S123	05-7B-07	Teresa & Thomas Gouldsberry	0.1331
S124	05-7B-06	Teresa & Thomas Gouldsberry	0.1377
S125	05-7B-05	Daniel D. & Mary E. Robinson	0.1418
S126	05-7B-04	Daniel D. & Mary E. Robinson	0.1458
S127	05-7B-03	Daniel D. Robinson, et ux	0.1504
S128	05-7B-02	Daniel D. Robinson, et ux	0.1550
S129	05-8A-04	Cheryl A. & Tammie D. Persinger	1.07
S130	05-8A-05	Cheryl A. & Tammie D. Persinger	0.50
S131	05-8A-06	Cheryl A. & Tammie D. Persinger	0.48
S132	05-8A-07	Anne C. Klem	1.40
S133	05-8A-08	John Joseph Goudy	1.0
S134	05-8A-09	Kevin W. Wallace	0.323
S135	EE 05-8A-15	Kevin R. Morris	2.06
S136	DD 05-8A-16	John David Fromhart	2.0
S137	05-8A-17	Isaac Luke Vansycoc	1.44
S138	05-8A-55	H. G. Energy II Appalachia, LLC	0.10
S139	05-8A-19	Mary Catherine Brooks	1.0
S140	05-8A-20	Milton Christopher White	0.19
S141	05-8A-11	Gloria Jean White & Milton Christopher White	0.525
S142	05-8A-12	Mary D. Ruckman	1.137
S143	05-8A-13	Matthew Ruckman	2.993
S144	05-8A-14	Board of Education	0.86



P.S. 708

David L Jackson

08/27/2021



OPERATOR'S WELL #:	Michter N-8HU	WELL PLAT
DISTRICT:	Franklin	PAGE 3 OF 7
COUNTY:	Marshall	DATE: 04/22/2021
STATE:	WV	
API #:	47 - 051 - 02219	

FORM WV6

**MICHTER LEASE
WELL N-8HU
436.4438± ACRES**

Number	TAX MAP -PARCEL	SURFACE OWNER	ACRES
S145	05-8A-25	Whitney Woods	0.29
S146	05-8A-22	Whitney Woods	0.715
S147	05-8A-23	Danny Lee & Leona May Darrah	0.738
S148	05-8A-24	Clarence Paul Siburt, Hrs	0.653
S149 CC	05-8A-26	Albert James Anderson, Jr.	1.605
S150 BB	05-8A-27	Mary J. Siburt	8.296
S151	05-8A-28	Norman G. Johnson-Life	2.0
S152	05-8A-30	Randall Keith Keener, et ux	0.059
S153	05-8A-29	Catherine P. Rine	0.394
S154	05-8A-31	Randall K. Keener, et ux	2.346
S155	05-8A-32	Jonathan David Bopp	0.580
S156	05-8A-34	Norman G. Johnson, et ux	0.255
S157	05-8A-35	Jared C. Sills	2.780
S158 Z	05-8A-39	Barbara L. Daniels & Elaine Wills	3.223
S159 AA	05-8A-40	Barbara L. Daniels & Elaine Wills	0.627
S160	05-8A-38	William J. Gamble, et ux	0.35
S161 Y	05-8A-41	William J. Gamble, et ux	0.046
S162 X	05-8A-37	William J. Gamble, et ux	0.706
S163	05-8A-36	William J. Gamble, et ux	1.031
S164	05-8A-33	Elaine Wills & Jeffrey D. Brooks	2.517
S165	05-8-04	C. Wayne Berisford	23.355
S166	05-8A-43	Charles G. Stein & Eva A. Wade	0.17
S167	05-8A-44	Charles G. Stein & Eva A. Wade	0.18
S168 W	05-8A-42	Robert M. White	7.23
S169 T	05-8A-49	Raymand A. Jr. & Larriette Scott	0.159
S170 S	05-8A-45	Raymand A. Jr. & Larriette Scott	0.305
S171 U	05-8A-46	Barbara L. Rose & Mary L. Rose	1.5
S172 V	05-8A-48	Raymond A. Jr. & Larriette Scott	2.12
S173	05-8A-52	Barbara L. Rose & Mary L. Rose	0.59
S174	05-8A-51	Lucretia M. Harrison	0.210
S175	05-8A-50	Lucretia M. Harrison	0.277
S176	05-8A-54	David D. & Christine S. Daniels	0.68
S177	05-8A-54.1	David D. & Christine S. Daniels	0.69
S178	05-8A-53	Frances E. Nieman	0.422
S179 R	05-8A-47	Barbara L. Rose & Mary L. Rose	3.0
S180 Q	05-08-4.1	Frances E. Nieman	33.461
S181	05-07-39	Lionel L. Persinger, et ux	57.00
S182 PP	05-08-02	Consolidation Coal Company/ Murray Energy	136.587



P.S. 708 *David L Jackson*

08/27/2021



**TUG HILL
OPERATING**

OPERATOR'S
WELL #: Michter N-8HU
DISTRICT: Franklin
COUNTY: Marshall
STATE: WV
API #: 47 - 051- 02219

WELL PLAT
PAGE 4 OF 7
DATE: 04/22/2021

form wv6

**MICHTER LEASE
WELL N-8HU
436.4438± ACRES**

Lease ID	Parcel	Tag	Grantor, Lessor, Etc.	Deed Book/Page
10*47051.089.0	5-11-1.1	A	LARRY W DUNLAP AND BARBARA E DUNLAP	864 148
10*22667	5-11-21	B	REBEKAH DRAYER ELDRIDGE AND CHRISTOPHER ELDRIDGE	850 157
10*22773	5-11-21	B	CHRISTA DRAYER STALEY AND JOSHUA STALEY	851 3
10*22777	5-11-21	B	BOYD BUESKING	850 159
10*22780	5-11-21	B	BRENDA FAYE THOMAS PETRACK	850 161
10*22786	5-11-21	B	GUY YATES	848 206
10*22787	5-11-21	B	GAIL ANN YATES WOOD AND WESLEY J WOOD	848 208
10*22788	5-11-21	B	GENIE SUE THOMAS HOLMES AND JOHN L HOLMES	848 204
10*22801	5-11-21	B	BOYD DAIL YATES JR AND MARLA YATES	848 210
10*22808	5-11-21	B	SHIRLEY YATES HARTSELL AND FREDDIE LEE HARTSELL	848 212
10*22810	5-11-21	B	CLYDE V. & KAREN S REED	864 190
10*47051.089.0	5-11-1.4	C	LARRY W DUNLAP AND BARBARA E DUNLAP	864 148
10*19127	5-11-2	D	WALTER C RINE AND CHERYL A RINE	956 49
10*19167	5-11-1.3	E	JAY A CONNER PATTY LOUISE CONNER	724 156
10*19167	5-11-1.2	F	JAY A CONNER PATTY LOUISE CONNER	724 156
10*19219	5-8-9.1	G	SCOTT E JACKSON	731 102
10*19236	5-8-9.1	G	TAMMIE S JACKSON	749 213
10*19237	5-8-9.1	G	MARION L JACKSON	735 427
10*47051.105.0	5-8-9	H	JAMES B JACKSON JR AND MARION L JACKSON	859 478
10*21546	5-8-7	I	EDWIN C MILLER AND KIMBERLY ANN MILLER	957 257
10*19168	5-11-1.5	J	PAUL WHITT AND SANDY WHITT	715 565
10*19174	5-11-1.7	K	WILLIAM S ADAMS MARY K ADAMS	711 318
10*19173	5-11-1	L	RANDYLYN MOORE LINDA G MOORE	717 46
10*19184	5-11-1	L	RANDI L PECK	716 26
TH19175	5-7-32	M	WILLIAM N. ROUPE AND VIRGINIA A ROUPE	711 503
10*22751	5-7-31	N	WILLIAM N ROUPE AND VIRGINIA A ROUPE	977 367
Q077562000	5-7-31.1	O	ELIZABETH ANNE MOORE	806 302
Q091960000	Fish Creek - State of WV	P	WEST VIRGINIA DIVISION OF NATURAL RESOURCES	865 558
TH19101	5-8-4.1	Q	FRANCES E. NIEMAN	685 288
Q097976001	5-8A-47	R	SARA B ANDERSON AND ARTHUR A ANDERSON	890 310
Q097976004	5-8A-47	R	LORNA MARIE LEW	890 602
Q097976005	5-8A-47	R	MARJORIE B KIDD AND ROBERT C KIDD	890 596
Q097976006	5-8A-47	R	VICTORIA A PAKROVSKY AND STEPHEN W PAKROVSKY	890 599
Q097976007	5-8A-47	R	CHARLES EDWIN BLUE IV	890 316
Q099899000	5-8A-47	R	THOMAS DANIEL BLUE AND JOSEPHINE M BLUE (HG Energy - FEE)	898 584
Q097976001	5-8A-45	S	SARA B ANDERSON AND ARTHUR A ANDERSON	890 310
Q097976004	5-8A-45	S	LORNA MARIE LEW	890 602
Q097976005	5-8A-45	S	MARJORIE B KIDD AND ROBERT C KIDD	890 596
Q097976006	5-8A-45	S	VICTORIA A PAKROVSKY AND STEPHEN W PAKROVSKY	890 599
Q097976007	5-8A-45	S	CHARLES EDWIN BLUE IV	890 316
Q099899000	5-8A-45	S	THOMAS DANIEL BLUE AND JOSEPHINE M BLUE (HG Energy - FEE)	898 584
10*26619	5-8A-49	T	SHRINERS HOSPITALS FOR CHILDREN C/O THE NORTHERN TRUST COMPANY	1054 30
Q097976007	5-8A-49	T	CHARLES EDWIN BLUE, IV, DEALING IN HIS SOLE AND SEPARATE PROPERTY	890 316
Q097976004	5-8A-49	T	LORNA MARIE LEW	890 602
Q097976005	5-8A-49	T	MARJORIE B. KIDD AND ROBERT C. KIDD, WIFE AND HUSBAND	890 596
Q097976001	5-8A-49	T	SARA B. ANDERSON AND ARTHUR A. ANDERSON, WIFE AND HUSBAND	890 310
Q097976006	5-8A-49	T	VICTORIA A. PAKROVSKY AND STEPHEN W. PAKROVSKY, WIFE AND HUSBAND	890 599
Q097976007	5-8A-49	T	CHARLES EDWIN BLUE, IV, DEALING IN HIS SOLE AND SEPARATE PROPERTY	890 316
10*26944	5-8A-49	T	COURTNEY D HALL	1046 465
10*26619	5-8A-49	T	SHRINERS HOSPITALS FOR CHILDREN C/O THE NORTHERN TRUST COMPANY	1050 30
Q097976004	5-8A-49	T	LORNA MARIE LEW	890 602
Q097976005	5-8A-49	T	MARJORIE B. KIDD AND ROBERT C. KIDD, WIFE AND HUSBAND	890 596
Q097976001	5-8A-49	T	SARA B. ANDERSON AND ARTHUR A. ANDERSON, WIFE AND HUSBAND	890 310
Q097976006	5-8A-49	T	VICTORIA A. PAKROVSKY AND STEPHEN W. PAKROVSKY, WIFE AND HUSBAND	890 599
10*26704	5-8A-49	T	SOUTHEASTERN GUIDE DOGS INC.	PENDING
Q097976006	5-8A-49	T	VICTORIA A. PAKROVSKY AND STEPHEN W. PAKROVSKY, WIFE AND HUSBAND	890 599
Q097976001	5-8A-46	U	SARA B ANDERSON AND ARTHUR A ANDERSON	890 310
Q097976004	5-8A-46	U	LORNA MARIE LEW	890 602
Q097976005	5-8A-46	U	MARJORIE B KIDD AND ROBERT C KIDD	890 596
Q097976006	5-8A-46	U	VICTORIA A PAKROVSKY AND STEPHEN W PAKROVSKY	890 599
Q097976007	5-8A-46	U	CHARLES EDWIN BLUE IV	890 316
Q099899000	5-8A-46	U	THOMAS DANIEL BLUE AND JOSEPHINE M BLUE (HG Energy - FEE)	898 584
10*27145	5-8A-46	U	BARBARA LOUELLEN ROSE AND MARY LOU ROSE, JTROS	1052 502
Q097976007	5-8A-48	V	Charles Edwin Blue, IV, dealing in his sole and separate property	890 316
Q097976004	5-8A-48	V	LORNA MARIE LEW	890 602
Q097976005	5-8A-48	V	Marjorie B. Kidd and Robert C. Kidd, wife and husband	890 596
Q097976001	5-8A-48	V	Sara B. Anderson and Arthur A. Anderson, wife and husband	89 310
Q097976006	5-8A-48	V	Victoria A. Pakrovsky and Stephen W. Pakrovsky, wife and husband	890 599
Q097976007	5-8A-48	V	Charles Edwin Blue, IV, dealing in his sole and separate property	890 316
10*26944	5-8A-48	V	COURTNEY D HALL	1046 465
Q097976004	5-8A-48	V	LORNA MARIE LEW	890 602
Q097976005	5-8A-48	V	Marjorie B. Kidd and Robert C. Kidd, wife and husband	890 596
Q097976001	5-8A-48	V	Sara B. Anderson and Arthur A. Anderson, wife and husband	890 310
Q097976006	5-8A-48	V	SHRINERS HOSPITALS FOR CHILDREN C/O THE NORTHERN TRUST COMPANY	1050 30
10*26619	5-8A-48	V	SHRINERS HOSPITALS FOR CHILDREN C/O THE NORTHERN TRUST COMPANY	1050 30
10*26704	5-8A-48	V	SOUTHEASTERN GUIDE DOGS INC.	PENDING
Q097976006	5-8A-48	V	Victoria A. Pakrovsky and Stephen W. Pakrovsky, wife and husband	890-599 599
Q097976001	5-8A-42	W	SARA B ANDERSON AND ARTHUR A ANDERSON	890 310
10*27249	5-8A-42	W	ROBERT M. WHITE AND DIANE WHITE	1053 12
Q097976004	5-8A-42	W	LORNA MARIE LEW	890 602
Q097976005	5-8A-42	W	MARJORIE B KIDD AND ROBERT C KIDD	890 596
Q097976006	5-8A-42	W	VICTORIA A PAKROVSKY AND STEPHEN W PAKROVSKY	890 599
Q097976007	5-8A-42	W	CHARLES EDWIN BLUE IV	890 316
Q099899000	5-8A-42	W	THOMAS DANIEL BLUE AND JOSEPHINE M BLUE (HG Energy - FEE)	898 584
10*25698	5-8A-37	X	KENNETH AND DAWN E MORRIS	1033 129
10*25752	5-8A-37	X	DEBRA ANN AND EARL V BUTCHER	1033 315
10*26438	5-8A-37	X	JANICE AND DONALD CROOK	1034 583
10*26439	5-8A-37	X	NANCY LOUISE SNYDER	1034 588
Q078626001	5-8A-37	X	LUCILLE E WINGROVE	810 80
Q078626003	5-8A-37	X	JUNE MORRIS	826 301
Q078626009	5-8A-37	X	H JAY ULBRICH	819 309
Q078626010	5-8A-37	X	MARILYN ULBRICH CHALMERS AND ROD N CHAMBERS	820 506
Q078626011	5-8A-37	X	BLYE ULBRICH JENSCHKE AND JIM JENSCHKE	819 305
Q078626012	5-8A-37	X	JUSTIN SMITH	819 307
Q078626013	5-8A-37	X	ROBERT LEE SMITH AND BETSY K SMITH	819 303
Q078626017	5-8A-37	X	SOUTHEASTERN GUIDE DOGS INC	820 516
Q078626023	5-8A-37	X	BRYCE E ULBRICH AND EDNA M ULBRICH	825 298
Q078626025	5-8A-37	X	COURTNEY D HALL	829 147
Q078626026	5-8A-37	X	BLASE JOSEPH ULCAK JR	829 127
Q078626036	5-8A-37	X	MARTHA FRANCES ULCAK	832 588
10*26619	5-8A-37	X	SHRINERS HOSPITALS FOR CHILDREN C/O THE NORTHERN TRUST COMPANY	1050 30



P.S. 708 *David L Jackson*

08/27/2021



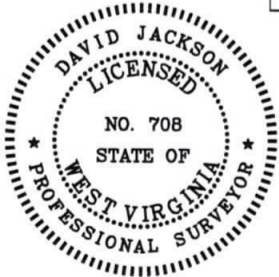
**TUG HILL
OPERATING**

OPERATOR'S
WELL #: Michter N-8HU
DISTRICT: Franklin
COUNTY: Marshall
STATE: WV
API #: 47 - 051 - 02219

WELL PLAT
PAGE 5 OF 7
DATE: 04 /22 /2021

**MICHTER LEASE
WELL N-8HU
436.4438± ACRES**

Lease ID	Parcel	Tag	Grantor, Lessor, Etc.	Deed Book/Page
10*25698	5-BA-41	Y	KENNETH AND DAWN E MORRIS	1033 129
10*25752	5-BA-41	Y	DEBRA ANN AND EARL V BUTCHER	1033 315
10*26438	5-BA-41	Y	JANICE AND DONALD CROOK	1034 583
10*26439	5-BA-41	Y	NANCY LOUISE SNYDER	1034 588
Q078626001	5-BA-41	Y	LUCILLE E WINGROVE	810 80
Q078626003	5-BA-41	Y	JUNE MORRIS	808 301
Q078626006	5-BA-41	Y	BARBARA F DANIELS	813 246
Q078626009	5-BA-41	Y	H JAY ULBRICH	819 309
Q078626010	5-BA-41	Y	MARILYN ULBRICH CHALMERS AND ROD N CHAMBERS	820 506
Q078626011	5-BA-41	Y	BLYE ULBRICH JENSCHKE AND JIM JENSCHKE	819 305
Q078626012	5-BA-41	Y	JUSTIN SMITH	819 307
Q078626013	5-BA-41	Y	ROBERT LEE SMITH AND BETSY K SMITH	819 303
Q078626017	5-BA-41	Y	SOUTHEASTERN GUIDE DOGS INC	820 516
Q078626023	5-BA-41	Y	BRYCE E ULBRICH AND EDNA M ULBRICH	825 298
Q078626025	5-BA-41	Y	COURTNEY D HALL	829 147
Q078626026	5-BA-41	Y	BLASE JOSEPH ULCAK JR	829 127
Q078626036	5-BA-41	Y	MARTHA FRANCES ULCAK	832 588
10*26619	5-BA-41	Y	SHRINERS HOSPITALS FOR CHILDREN C/O THE NORTHERN TRUST COMPANY	1050 30
10*25698	5-BA-39	Z	KENNETH AND DAWN E MORRIS	1033 129
10*25752	5-BA-39	Z	DEBRA ANN AND EARL V BUTCHER	1033 315
10*26438	5-BA-39	Z	JANICE AND DONALD CROOK	1034 583
10*26439	5-BA-39	Z	NANCY LOUISE SNYDER	1034 588
Q078626001	5-BA-39	Z	LUCILLE E WINGROVE	810 80
Q078626003	5-BA-39	Z	JUNE MORRIS	808 301
Q078626006	5-BA-39	Z	BARBARA F DANIELS	813 246
Q078626007	5-BA-39	Z	JEFFREY BROOKS	813 540
Q078626008	5-BA-39	Z	ELAINE WILLIS	813 542
Q078626009	5-BA-39	Z	H JAY ULBRICH	819 309
Q078626010	5-BA-39	Z	MARILYN ULBRICH CHALMERS AND ROD N CHAMBERS	820 506
Q078626011	5-BA-39	Z	BLYE ULBRICH JENSCHKE AND JIM JENSCHKE	819 305
Q078626012	5-BA-39	Z	JUSTIN SMITH	819 307
Q078626013	5-BA-39	Z	ROBERT LEE SMITH AND BETSY K SMITH	819 303
Q078626017	5-BA-39	Z	SOUTHEASTERN GUIDE DOGS INC	820 516
Q078626023	5-BA-39	Z	BRYCE E ULBRICH AND EDNA M ULBRICH	825 298
Q078626025	5-BA-39	Z	COURTNEY D HALL	829 147
Q078626026	5-BA-39	Z	BLASE JOSEPH ULCAK JR	829 127
Q078626036	5-BA-39	Z	MARTHA FRANCES ULCAK	832 588
10*26619	5-BA-39	Z	SHRINERS HOSPITALS FOR CHILDREN C/O THE NORTHERN TRUST COMPANY	1050 30
10*25698	5-BA-40	AA	KENNETH AND DAWN E MORRIS	1033 129
10*25752	5-BA-40	AA	DEBRA ANN AND EARL V BUTCHER	1033 315
10*26438	5-BA-40	AA	JANICE AND DONALD CROOK	1034 583
10*26439	5-BA-40	AA	NANCY LOUISE SNYDER	1034 588
Q078626001	5-BA-40	AA	LUCILLE E WINGROVE	810 80
Q078626003	5-BA-40	AA	JUNE MORRIS	808 301
Q078626006	5-BA-40	AA	BARBARA F DANIELS	813 246
Q078626007	5-BA-40	AA	JEFFREY BROOKS	813 540
Q078626008	5-BA-40	AA	ELAINE WILLIS	813 542
Q078626009	5-BA-40	AA	H JAY ULBRICH	819 309
Q078626010	5-BA-40	AA	MARILYN ULBRICH CHALMERS AND ROD N CHAMBERS	820 506
Q078626011	5-BA-40	AA	BLYE ULBRICH JENSCHKE AND JIM JENSCHKE	819 305
Q078626012	5-BA-40	AA	JUSTIN SMITH	819 307
Q078626013	5-BA-40	AA	ROBERT LEE SMITH AND BETSY K SMITH	819 303
Q078626017	5-BA-40	AA	SOUTHEASTERN GUIDE DOGS INC	820 516
Q078626023	5-BA-40	AA	BRYCE E ULBRICH AND EDNA M ULBRICH	825 298
Q078626025	5-BA-40	AA	COURTNEY D HALL	829 147
Q078626026	5-BA-40	AA	BLASE JOSEPH ULCAK JR	829 127
Q078626036	5-BA-40	AA	MARTHA FRANCES ULCAK	832 588
10*26619	5-BA-40	AA	SHRINERS HOSPITALS FOR CHILDREN C/O THE NORTHERN TRUST COMPANY	1050 30
867770	5-BA-27	BB	CLARENCE S SIBURT AND MARY J SIBURT	715 195
Q076869000	5-BA-26	CC	EDWARD DAVID KNUTH AND KATHY JO KNUTH	803 598
Q078626027	5-BA-16	DD	BETTY JANE PARRIOTT, WIDOW	828 265
Q078626026	5-BA-16	DD	BLASE JOSEPH ULCAK JR., A SINGLE MAN	829 127
Q078626011	5-BA-16	DD	BLYE ULBRICH JENSCHKE AND JIM JENSCHKE	819 305
Q078626016	5-BA-16	DD	BRIAN EDWIN LEMASTERS AND BEVERLY J. LEMASTERS, HUSBAND AND WIFE	821 24
Q078626023	5-BA-16	DD	BRYCE E ULBRICH AND EDNA M ULBRICH	825 298
Q078626025	5-BA-16	DD	COURTNEY D HALL	829 147
Q078626015	5-BA-16	DD	DEBORAH D MERCER AND CLAVIN P MERCER	821 22
Q078626019	5-BA-16	DD	FRANCIS O. HALL A/K/A ORNETTA PARRIOTT, WIDOW	825 258
Q078626009	5-BA-16	DD	H. JAY ULBRICH, A SINGLE MAN	819 309
Q078626014	5-BA-16	DD	HARRY LEROY PARRIOTT AND NANCY S. PARRIOTT, HUSBAND AND WIFE	820 508
Q078626005	5-BA-16	DD	JANICE R. CROOK, A/K/A JANICE WINGROVE CROOK AND DONALD P. CROOK, A WIFE AND HUSBAND	808 305
Q077358001	5-BA-16	DD	JON DAVID FROMHART, SINGLE	805 580
Q078626012	5-BA-16	DD	JUSTIN SMITH, A/K/A JUSTINE SMITH, A WIDOW	819 307
Q077358002	5-BA-16	DD	JUNE MORRIS, A WIDOW	829 26
Q078626002	5-BA-16	DD	KENNETH R. MORRIS AND DAWN E. MORRIS, HUSBAND AND WIFE	808 303
Q078626018	5-BA-16	DD	KIMBERLY D. LAKE, A SINGLE WOMAN	825 272
Q078626010	5-BA-16	DD	MARILYN ULBRICH CHALMERS AND ROD N. CHALMERS, WIFE AND HUSBAND	820 506
Q078626036	5-BA-16	DD	MARTHA FRANCES ULCAK, A SINGLE WOMAN	832 588
Q078626021	5-BA-16	DD	MARY L. PARRIOTT, A WIDOW	827 164
Q078626004	5-BA-16	DD	NANCY L. SNYDER, A/K/A NANCY WINGROVE SNYDER, A WIDOW	808 309
Q078626028	5-BA-16	DD	PATRICIA PARRIOTT, A WIDOW	828 270
Q078626013	5-BA-16	DD	ROBERT LEE SMITH AND BETSY K. SMITH, HUSBAND AND WIFE	819 303
Q078626017	5-BA-16	DD	SOUTHEASTERN GUIDE DOGS INC., TITUS HERMAN CEO	820 516
Q078626022	5-BA-16	DD	TIMOTHY SCOTT LEMASTERS AND AMY C. LEMASTERS, HUSBAND AND WIFE	827 162
Q078626020	5-BA-16	DD	TRUDY B. SAMPSON AND DANNY SAMPSON, WIFE AND HUSBAND	825 260
Q078626027	5-BA-16	DD	BETTY JANE PARRIOTT, WIDOW	828 265
Q078626026	5-BA-16	DD	BLASE JOSEPH ULCAK JR., A SINGLE MAN	829 127
Q078626011	5-BA-16	DD	BLYE ULBRICH JENSCHKE AND JIM JENSCHKE	819 305
Q078626016	5-BA-16	DD	BRIAN EDWIN LEMASTERS AND BEVERLY J. LEMASTERS, HUSBAND AND WIFE	821 24
Q078626023	5-BA-16	DD	BRYCE E ULBRICH AND EDNA M ULBRICH	825 298
Q078626015	5-BA-16	DD	COURTNEY D HALL	829 147
Q078626019	5-BA-16	DD	DEBORAH D MERCER AND CLAVIN P MERCER	821 22
Q078626009	5-BA-16	DD	FRANCIS O. HALL A/K/A ORNETTA PARRIOTT, WIDOW	825 258
Q078626014	5-BA-16	DD	H. JAY ULBRICH, A SINGLE MAN	819 309
Q078626005	5-BA-16	DD	HARRY LEROY PARRIOTT AND NANCY S. PARRIOTT, HUSBAND AND WIFE	820 508
Q078626012	5-BA-16	DD	JANICE R. CROOK, A/K/A JANICE WINGROVE CROOK AND DONALD P. CROOK, A WIFE AND HUSBAND	808 305
Q077358001	5-BA-16	DD	JON DAVID FROMHART, SINGLE	805 580
Q078626012	5-BA-16	DD	JUSTIN SMITH, A/K/A JUSTINE SMITH, A WIDOW	819 307
Q077358002	5-BA-16	DD	JUNE MORRIS, A WIDOW	829 26
Q078626002	5-BA-16	DD	KENNETH R. MORRIS AND DAWN E. MORRIS, HUSBAND AND WIFE	808 303



P.S. 708 *David L Jackson*

08/27/2021

	OPERATOR'S	WELL #:	<i>Michter N-8HU</i>	WELL PLAT
	DISTRICT:	<i>Franklin</i>		PAGE 6 OF 7
	COUNTY:	<i>Marshall</i>		DATE: 04/22/2021
	STATE:	<i>WV</i>		
	API #:	<i>47 - 051- 02219</i>		

**MICHTER LEASE
WELL N-8HU
436.4438± ACRES**

Lease ID	Parcel	Tag	Grantor, Lessor, Etc.	Deed Book/Page
Q078626018	5-8A-16	DD	KIMBERLY D. LAKE, A SINGLE WOMAN	825 272
Q078626010	5-8A-16	DD	MARILYN ULBRICH CHALMERS AND ROD N. CHALMERS, WIFE AND HUSBAND	820 506
Q078626036	5-8A-16	DD	MARSHA FRANCES ULCAK, A SINGLE WOMAN	832 588
Q078626021	5-8A-16	DD	MARY L. PARRIOTT, A WIDOW	827 164
Q078626004	5-8A-16	DD	NANCY L. SNYDER, A/K/A NANCY WINGROVE SNYDER, A WIDOW	808 309
Q078626028	5-8A-16	DD	PATRICIA PARRIOTT, A WIDOW	828 270
Q078626013	5-8A-16	DD	ROBERT LEE SMITH AND BETSY K. SMITH, HUSBAND AND WIFE	819 303
10*26619	5-8A-16	DD	SHRINERS HOSPITALS FOR CHILDREN C/O THE NORTHERN TRUST COMPANY	1050 30
Q078626017	5-8A-16	DD	SOUTHEASTERN GUIDE DOGS INC., TITUS HERMAN CEO	820 516
Q078626022	5-8A-16	DD	TIMOTHY SCOTT LEMASTERS AND AMY C. LEMASTERS, HUSBAND AND WIFE	827 162
Q078626020	5-8A-16	DD	TRUDY B. SAMPSON AND DANNY SAMPSON, WIFE AND HUSBAND	825 260
Q076469000	5-8A-15	EE	JUNE MORRIS	802 275
Q078626009	5-8A-15	EE	H JAY ULBRICH	819 309
Q078626010	5-8A-15	EE	MARILYN ULBRICH CHALMERS AND ROD N. CHALMERS	820 506
Q078626011	5-8A-15	EE	BLVE ULBRICH JENSCHKE AND JIM JENSCHKE	819 305
Q078626012	5-8A-15	EE	JUSTIN SMITH	819 307
Q078626013	5-8A-15	EE	ROBERT LEE SMITH AND BETSY K SMITH	819 303
Q078626014	5-8A-15	EE	HARRY LEROY PARRIOTT AND NANCY S PARRIOTT	820 508
Q078626015	5-8A-15	EE	DEBORAH D MERCER AND CLAVIN P MERCER	821 22
Q078626016	5-8A-15	EE	BRIAN EDWIN LEMASTERS ET UX	821 24
Q078626017	5-8A-15	EE	KIMBERLY D LAKE	825 272
Q078626020	5-8A-15	EE	TRUDY B SAMPSON ET VIR	825 260
Q078626021	5-8A-15	EE	MARY L PARRIOTT	827 164
Q078626022	5-8A-15	EE	TIMOTHY SCOTT LEMASTERS AND AMY C LEMASTERS	827 162
Q078626023	5-8A-15	EE	BRYCE E ULBRICH AND EDNA M ULBRICH	825 298
10*26619	5-8A-15	EE	SHRINERS HOSPITALS FOR CHILDREN C/O THE NORTHERN TRUST COMPANY	1050 30
Q078626025	5-8A-15	EE	COURTNEY D HALL	829 147
Q078626026	5-8A-15	EE	BLASE JOSEPH ULCAK JR	829 127
Q078626027	5-8A-15	EE	BETTY JANE PARRIOTT	828 265
Q078626028	5-8A-15	EE	PATRICIA PARRIOTT	828 270
Q078626029	5-8A-15	EE	SOUTHEASTERN GUIDE DOGS INC	828 305
Q078626030	5-8A-15	EE	FRANCES O HALL AKA ORNETTA PARRIOTT	839 133
Q078626032	5-8A-15	EE	KENNETH MORRIS AND DAWN E MORRIS	829 43
Q078626033	5-8A-15	EE	LUCILLE E WINGROVE	829 45
Q078626034	5-8A-15	EE	JANICE R CROOK AKA JANICE WINGROVE CROOK AND DONALD P CROOK	831 60
Q078626035	5-8A-15	EE	NANCY L SNYDER AKA NANCY WINGROVE SNYDER	831 56
Q078626036	5-8A-15	EE	MARSHA FRANCES ULCAK	832 588
Q078626037	5-8A-15	EE	DEBRA ANN AND EARL V BUTCHER	839 215
Q083831000	5-7-29	FF	JAMES K PERSINGER AND TONDA J PERSINGER	836 460
Q08383100	5-7-27	GG	JAMES K PERSINGER AND TONDA J PERSINGER	836 460
Q082348000	5-7-27.1	HH	MARK LITNER AND MICHELLE A RITNER	821 26
Q096159000	5-7-23	II	MARSHA F POWELL	881 21
Q097423000	5-7-23.2	JJ	ROBERT L HENRY JR AND GEORGEANNA HENRY ET AL	890 613
Q091953000	5-7-23.1	KK	PATRICIA Y DARRAH	860 552
10*26015	5-7-22	LL	BUSTAMANTE JESUS ET UX	734 263
10*26015	5-7-28.1	MM	BUSTAMANTE JESUS ET UX	734 263
Q097973000	5-7-28	NN	THELMA M. ROUPE	890 313
624124	5-7-15	OO	KIRKMAN, CASPER SANFORD; KIRKMAN, LILLIAN E	311 390
PENDING	5-8-2	PP	CNX GAS COMPANY LLC	1039 1
Q097217000	5-7-17	QQ	DEBORA L BENNETT	546 58
Q097217000	5-7-18.1	RR	MILLER, ADAM & MARY	311 333
Q097217000	5-7-16	SS	MILLER, ADAM & MARY	311 333
Q097218000	5-7-14.2	TT	LACY MIDCAP ET AL	311 324
Q097218000	5-7-14.3	UU	LACY MIDCAP ET AL	311 324
NO LEASE SHOWN IN GIS	5-7-14	VV	LACY MIDCAP ET AL	311 324
Q097217000	5-7-18	WW	MILLER, ADAM & MARY	311 333
Q097216000	5-7-21	XX	WOLFE, BLAINE & VIVIAN ET AL	312 100
Q097220000	5-7-21	XX	WILLIS RINE ET UX	311 344
Q097423000	5-7-45	YY	ROBERT L HENRY JR AND GEORGEANNA HENRY ET AL	890 613
Pending	5-7-3.2	ZZ	WHEELING POWER COMPANY & KENTUCKY POWER COMPANY	1040 103
624083	5-7-4	AAA	LLOYD Q & MARY WOLFE GATTS	290 94
Q076636002	5-7-5.1	BBB	BRUCE SCOTT SCHMITT & JERRI MARIE BLANEY	813 244
Q076636003	5-7-5.1	BBB	ALAN GREGORY SCHMITT & LINDA LEE SCHMITT	813 538
	5-7-5.1	BBB	GEORGE A. KNUTH	819 298
Q076636004	5-7-5.1	BBB	CYNTHIA JEAN WARD & DALE P. WARD	816 261
Q076636005	5-7-5.1	BBB	SAMUEL O. COEN JR.	816 259
Q076636006	5-7-5.1	BBB	MARK ALAN DELBRUGGE & PATRICIA A. DELBRUGGE	820 512
Q076636007	5-7-5.1	BBB	WALTER L. DELBRUGGE JR & NORA L. DELBRUGGE	820 510
Q076636008	5-7-5.1	BBB	WILLIAM D. MARTIN & ANDREA R. MARTIN	819 298
Q076636009	5-7-5.1	BBB	KIMBERLY ANN DELBRUGGE DECREASE & VINCENT J. DECREASE	825 349
Q076636010	5-7-5.1	BBB	SUZANNE Q. PAVLIC AKA SUZANNE DELBRUGGE PAVLIC	825 262
Q076636011	5-7-5.1	BBB	MARGARET LYNN DELBRUGGE WATSON & JAMES W. WATSON	825 264
Q076636012	5-7-5.1	BBB	JANE LOU WILLIAMS AKA JANE LOU DELBRUGGE WILLIAMS & LAURENCE P. WILLIAMS	825 289
Q076636013	5-7-5.1	BBB	BEATRICE J. SCHMITT	828 292
Q090257000	5-7-5	CCC	KNUTH, GEORGE A & KELLY A	671 385
Q074011007	5-6-3.1	DDD	SUSAN WITTEN NEAL MYERS ET AL	815 375
Q074011008	5-6-3.1	DDD	JANE WITTEN VOTH	853 306
Q074011003	5-6-3.1	DDD	JOSEPH MOORE NEAL	859 512
Q074011006	5-6-3.1	DDD	FRANCES GALE NEAL	851 218
Q074011005	5-6-3.1	DDD	ANN ALEXANDER	853 310
Q074011013	5-6-3.1	DDD	MARY WITTEN NEAL WISEMAN	851 216
624074	5-6-3.1	DDD	GATTS, ALICE	282 394
624080	5-6-3.1	DDD	GATTS, ELIZABETH R J & HARLEY	290 97
624074	5-7-2	EEE	GATTS, ALICE	282 394
624074	5-6-3	FFF	GATTS, ALICE	282 394
624080	5-6-3	FFF	GATTS, ELIZABETH R J & HARLEY	290 97
624083	5-6-3	FFF	GATTS, LLOYD Q & MARY WOLFE	290 94
624150	5-6-3	FFF	RINE, G W & BESSIE J	313 200
Q074011007	5-6-3	FFF	SUSAN WITTEN NEAL MYERS ET AL	815 375
Q074011008	5-6-3	FFF	JANE WITTEN VOTH	853 306
Q074011003	5-6-3	FFF	JOSEPH MOORE NEAL	859 512
Q074011006	5-6-3	FFF	FRANCES GALE NEAL	851 218
Q074011005	5-6-3	FFF	ANN ALEXANDER	853 310
Q074011013	5-6-3	FFF	MARY WITTEN NEAL WISEMAN	851 216
Q074011002	5-6-3	FFF	DOROTHY ANN NEAL	851 396
Q074011004	5-6-3	FFF	MARGERIE J. WITTEN	851 398
624080	5-6-5	GGG	GATTS, ELIZABETH R J & HARLEY	290 97
624073	5-6-6	HHH	STEIGNER, FREDERICK J; STEIGNER, ANNA KATHERYNE	282 61
Q090311000	5-6-6	HHH	ASHLAND OIL & REFINING CO.	277 490
Q090311000	5-6-1	III	ASHLAND OIL & REFINING CO.	277 490



P.S. 708

David L Jackson

08/27/2021



**TUG HILL
OPERATING**

OPERATOR'S
WELL #: Michter N-8HU
DISTRICT: Franklin
COUNTY: Marshall
STATE: WV
API #: 47 - 051 - 02219

WELL PLAT
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DATE: 04/22/2021