

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

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API 47-051-02138 County Marshall District Franklin WV Department of Environmental Protection
Quad Powhatan Point 7.5' Pad Name Goudy Field/Pool Name _____
Farm name TH Exploration III, LLC Well Number Whistlepig N-5HM
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 4,402,836.60 Easting 517,728.74
Landing Point of Curve Northing 4,402,265.30 Easting 517,611.53
Bottom Hole Northing 4,404,972.80 Easting 515,118.91


Elevation (ft) 1368.5' 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 2/8/2019 Date drilling commenced ^{spud: 7/6/2019 big rig: 7/10/2021} Date drilling ceased 7/31/2021
Date completion activities began 10/24/2021 Date completion activities ceased 11/22/2021
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 1007' Open mine(s) (Y/N) depths N
Salt water depth(s) ft 1393' Void(s) encountered (Y/N) depths N
Coal depth(s) ft 901-907', 1001-1007' Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) _____

APPROVED
Reviewed by:

10-11-2022
10/14/2022

API 47- 051 - 02138 Farm name TH Exploration III, LLC Well number Whistlepig N-5HM

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	17 1/2"	13 3/8"	1,104'	NEW	48#	N/A	Y
Coal	17 1/2"	13 3/8"	1,104'	NEW	48#	N/A	Y
Intermediate 1	12 1/4"	9 5/8"	2,885'	NEW	36#	N/A	Y
Intermediate 2							
Intermediate 3							
Production	8 1/2"	5 1/2"	19,688' +	NEW	20#	N/A	Y
Tubing		2 3/8"	9,844'	NEW	4.7#	N/A	Y
Packer type and depth set							

Comment Details _____

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	547	15.5	1.18	646		
Surface	A	1120	15.6	1.2	1344	0	8
Coal	A	1120	15.6	1.2	1344	0	8
Intermediate 1	A	840	15	1.38	1159.2	0	8
Intermediate 2							
Intermediate 3							
Production	A	4465	14.5	1.22	5447.3	0	8
Tubing							

Drillers TD (ft) 19,720' Loggers TD (ft) n/a
 Deepest formation penetrated Marcellus Plug back to (ft) n/a
 Plug back procedure n/a

Kick off depth (ft) 6,315'

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

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 _____

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PRODUCING FORMATION(S)	DEPTHS	
MARCELLUS	6628'-6481'	TVD 7590'-19720' MD

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

SHUT-IN PRESSURE Surface 2583 psi Bottom Hole _____ psi DURATION OF TEST 4 hrs

OPEN FLOW Gas 468.00 mcfpd Oil 792 bpd NGL _____ bpd Water 504 bpd GAS MEASURED BY Estimated Orifice Pilot

LITHOLOGY/ FORMATION	TOP	BOTTOM	TOP	BOTTOM	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H ₂ S, ETC)
	DEPTH IN FT NAME TVD	DEPTH IN FT TVD	DEPTH IN FT MD	DEPTH IN FT MD	
*see attached	0		0		

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Please insert additional pages as applicable.

Drilling Contractor Nabors Drilling USA
Address 505 West Greens Road, Suite 1000 City Houston State TX Zip 77067

Logging Company n/a
Address _____ City _____ State _____ Zip _____

Cementing Company Halliburton Energy Services, Inc.
Address 121 Champion Way, Suite 200 City Canonsburg State PA Zip 15317

Stimulating Company PRO-FRAC
Address 333 Shops Boulevard City Willow Park State TX Zip 76087

Please insert additional pages as applicable.

Completed by Amy L. Morris Telephone 304-376-0111
Signature *Amy L. Morris* Title Permitting Specialist - Appalachia Date 10-3-2022

WHISTLEPIG N-5HM
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	90.00	7886	5872	3141	256360	7,952	0
2	89.00	7716	5045	4069	400140	8,709	0
3	90.00	7814	4706	4377	403540	8,844	0
4	89.00	7755	4914	4495	390520	8,698	0
5	89.00	7790	5210	4462	400440	8,753	0
6	90.00	7969	5045	4595	475960	9,192	0
7	90.00	7417	5288	4922	474060	9,881	0
8	90.00	7408	5447	4782	474060	9,689	0
9	91.00	7357	4877	4538	475460	9,738	0
10	89.00	7226	5049	4452	475700	9,808	0
11	89.00	7616	5398	4442	489420	10,082	0
12	89.00	7448	5374	4163	473640	9,706	0
13	89.00	7417	5000	4101	471120	9,703	0
14	89.00	7356	5577	4018	470200	9,804	0
15	88.00	7385	5508	4559	482300	9,740	0
16	89.00	7214	5033	4049	475640	9,629	0
17	88.00	7172	5108	3814	476180	9,664	0
18	88.00	7278	4691	3968	476840	9,704	0
19	88.00	7197	5123	4112	473760	9,770	0
20	88.00	7109	4999	4663	475300	9,579	0
21	89.00	7337	5320	4310	481500	9,698	0
22	88.00	7010	4870	3930	472980	9,653	0
23	89.00	7154	5261	4190	467560	9,502	0
24	90.00	7341	5421	4703	466600	9,694	0
25	89.00	7045	4824	4743	472800	9,568	0
26	90.00	7199	5178	4568	469800	9,711	0
27	89.00	7185	5311	5131	475900	10,675	0
28	87.00	7167	5005	4777	477920	9,708	0
29	90.00	7261	5753	4840	475180	9,664	0
30	90.00	7045	4959	4228	480360	9,501	0
31	87.00	6995	5662	4151	478980	9,528	0
32	90.00	7212	5068	4124	470920	9,617	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	90.00	7342	5161	4521	476620	9,513	0
34	90.00	7398	5241	4725	469660	9,471	0
35	90.00	7253	5032	3346	477060	9,481	0
36	89.00	6928	5432	5275	474780	9,530	0
37	88.00	6893	5124	5170	407380	8,591	0
38	90.00	7086	5100	4660	395330	8,454	0
39	89.00	6905	4860	4481	405480	8,261	0
40	89.00	7041	5502	3870	396840	8,267	0
41	89.00	7175	5036	4264	398240	8,290	0
42	89.00	7070	4776	4612	400080	8,778	0
43	89.00	7051	5058	4902	399720	8,232	0
44	89.00	6877	4989	4725	405320	8,325	0
45	90.00	6883	4927	4563	400280	8,354	0
46	90.00	6885	4779	4635	397300	8,144	0
47	90.00	7064	5490	5407	400600	8,475	0
48	89.00	6933	5205	5307	401740	8,238	0
49	90.00	6988	5317	4451	396640	8,155	0
50	90.00	6920	5640	3815	402060	8,383	0
51	89.00	6684	4932	4732	400940	8,233	0
52	89.00	6723	5156	4311	404320	8,273	0
53	88.00	6704	4984	3980	400160	8,220	0
54	89.00	6606	5091	4808	404780	8,214	0
55	90.00	6586	5224	4419	399960	8,217	0
56	89.00	6572	5095	3718	400700	8,154	0
57	90.00	6386	5113	4684	392900	8,132	0
58	89.00	6481	5052	4622	395400	7,969	0
59	89.00	6430	5459	4738	401060	8,237	0
60	85.00	6312	5264	4562	391080	8,227	0
61	88.00	6256	4705	4881	400560	8,101	0
62	89.00	6292	4733	4522	399620	8,292	0
63	89.00	6266	5069	4569	399960	8,069	0
64	89.00	6258	4871	4495	399500	8,020	0
65	88.00	6177	4893	4445	403700	8,081	0
66	90.00	6352	5055	4346	398380	8,038	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)
67	88.00	6261	4777	4301	397120	7,683	0
68	88.00	6606	5123	3728	232780	5,805	0
69	91.00	6456	5293	4225	395180	8,060	0

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**Whistlepig N-5HM
PEFORATION RECORD**

Stage No.	Perforation Date	Perforated from MD ft.	Perforated to MD. Ft.	Number of Perforations	Formation(s)
1	10/24/2021	19,509	19,553	48	Marcellus
2	10/25/2021	19,309	19,455	48	Marcellus
3	10/26/2021	19,134	19,280	48	Marcellus
4	10/26/2021	18,959	19,105	48	Marcellus
5	10/26/2021	18,784	18,930	48	Marcellus
6	10/27/2021	18,609	18,755	48	Marcellus
7	10/27/2021	18,434	18,580	48	Marcellus
8	10/27/2021	18,259	18,405	48	Marcellus
9	10/28/2021	18,084	18,230	48	Marcellus
10	10/28/2021	17,909	18,055	48	Marcellus
11	10/28/2021	17,734	17,880	48	Marcellus
12	10/28/2021	17,559	17,705	48	Marcellus
13	10/29/2021	17,384	17,530	48	Marcellus
14	10/29/2021	17,209	17,355	48	Marcellus
15	10/30/2021	17,034	17,180	48	Marcellus
16	10/30/2021	16,859	17,005	48	Marcellus
17	10/31/2021	16,684	16,830	48	Marcellus
18	10/31/2021	16,509	16,655	48	Marcellus
19	10/31/2021	16,334	16,480	48	Marcellus
20	11/1/2021	16,159	16,305	48	Marcellus
21	11/1/2021	15,984	16,130	48	Marcellus
22	11/1/2021	15,809	15,955	48	Marcellus
23	11/2/2021	15,634	15,780	48	Marcellus
24	11/2/2021	15,459	15,605	48	Marcellus
25	11/2/2021	15,284	15,430	48	Marcellus
26	11/3/2021	15,109	15,255	48	Marcellus
27	11/3/2021	14,934	15,080	48	Marcellus
28	11/4/2021	14,759	14,905	48	Marcellus
29	11/4/2021	14,584	14,730	48	Marcellus
30	11/4/2021	14,409	14,555	48	Marcellus
31	11/5/2021	14,234	14,380	48	Marcellus
32	11/5/2021	14,059	14,205	48	Marcellus
33	11/5/2021	13,884	14,030	48	Marcellus
34	11/6/2021	13,709	13,855	48	Marcellus
35	11/6/2021	13,534	13,680	48	Marcellus
36	11/6/2021	13,359	13,505	48	Marcellus
37	11/7/2021	13,184	13,330	48	Marcellus
38	11/7/2021	13,009	13,155	48	Marcellus
39	11/7/2021	12,834	12,980	48	Marcellus
40	11/8/2021	12,659	12,805	48	Marcellus
41	11/8/2021	12,484	12,630	48	Marcellus

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Stage No.	Perforation Date	Perforated from MD ft.	Perforated to MD. Ft.	Number of Perforations	Formation(s)
42	11/9/2021	12,309	12,455	48	Marcellus
43	11/9/2021	12,134	12,280	48	Marcellus
44	11/9/2021	11,959	12,105	48	Marcellus
45	11/10/2021	11,784	11,930	48	Marcellus
46	11/10/2021	11,609	11,755	48	Marcellus
47	11/11/2021	11,434	11,580	48	Marcellus
48	11/11/2021	11,259	11,405	48	Marcellus
49	11/12/2021	11,084	11,230	48	Marcellus
50	11/13/2021	10,909	11,055	48	Marcellus
51	11/14/2021	10,734	10,880	48	Marcellus
52	11/15/2021	10,559	10,705	48	Marcellus
53	11/15/2021	10,384	10,530	48	Marcellus
54	11/15/2021	10,209	10,355	48	Marcellus
55	11/16/2021	10,034	10,180	48	Marcellus
56	11/16/2021	9,859	10,005	48	Marcellus
57	11/17/2021	9,684	9,830	48	Marcellus
58	11/17/2021	9,509	9,655	48	Marcellus
59	11/18/2021	9,334	9,480	48	Marcellus
60	11/18/2021	9,159	9,305	48	Marcellus
61	11/19/2021	8,984	9,130	48	Marcellus
62	11/20/2021	8,809	8,955	48	Marcellus
63	11/20/2021	8,634	8,780	48	Marcellus
64	11/21/2021	8,459	8,605	48	Marcellus
65	11/21/2021	8,284	8,430	48	Marcellus
66	11/22/2021	8,109	8,255	48	Marcellus
67	11/22/2021	7,934	8,080	48	Marcellus
68	11/22/2021	7,759	7,905	48	Marcellus
69	11/22/2021	7,584	7,730	48	Marcellus

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Whistlepig N-5HM

Lithology Information

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	2061	2154	2068	2165	Sandstone
Big Lime	2154	2223	2165	2237	Limestone
Big Injun	2223	2508	2237	2541	Sandstone
Weir	2508	2700	2541	2752	Sandstone
Berea	2700	3042	2752	3143	Sandstone
Gordon	3042	3097	3143	3207	Sandstone
Fifty Foot	3097	3649	3207	3847	Sandstone
Speechley	3649	5044	3847	5468	Sandstone
Benson	5044	5409	5468	5895	Sandstone
Alexander	5409	5993	5895	6549	Siltstone
Rhinestreet	5993	6425	6549	7045	Black Shale
Middlesex	6425	6504	7045	7172	Black Shale
Geneseo/Burkett	6504	6530	7172	7223	Black Shale
Tully	6530	6557	7223	7286	Limestone
Hamilton	6557	6597	7286	7402	Gray Shale
Marcellus	6597	-	7402	-	Black Shale

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Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	10/24/2021
Job End Date:	11/22/2021
State:	West Virginia
County:	Marshall
API Number:	47-051-02138-00-00
Operator Name:	Tug Hill Operating, LLC
Well Name and Number:	Whistlepig N-5HM
Latitude:	39.77581140
Longitude:	-80.79298048
Datum:	NAD27
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	6,547
Total Base Water Volume (gal):	25,709,502
Total Base Non Water Volume:	0



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	86.48829	None
Sand (40/70 White Proppant)	Tug Hill Operating	Proppant	Silica Substrate	14808-60-7	100.00000	8.90170	None
Sand (100 Mesh Proppant)	Tug Hill Operating	Proppant	Silica Substrate	14808-60-7	100.00000	3.03250	None
Sand (30/50 White Proppant)	Tug Hill Operating	Proppant	Silica Substrate	14808-60-7	100.00000	1.21268	None
Hydrochloric Acid (7.5%)	CNR	Acidizing	Water	7732-18-5	85.00000	0.21397	None
			Hydrochloric Acid (Hydrogen Chloride)	7647-01-0	37.00000	0.09314	None
StimStream FR 9800	ChemStream	Friction Reducer	Alkanes, C16-20-iso-	90622-59-6	25.00000	0.01661	None
			Butene, homopolymer	9003-29-6	25.00000	0.01661	None
			Ethoxylated alcohols (C12-18)	68213-23-0	3.00000	0.00199	None

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MC MX 9-4743	Multi-Chem	Biocide					
			Sodium Nitrate	7631-99-4	60.00000	0.02196	None
LD-7750W	Multi-Chem	Scale Inhibitor					
			Methanol	67-56-1	60.00000	0.00501	None
			Phosphonic Acid Salt	Proprietary	5.00000	0.00042	None
ProHib 100	CNR	Acid Inhibitor					
			2-Butoxyethanol	111-76-2	60.00000	0.00047	None
			Proprietary material	Proprietary	30.00000	0.00024	None
			Proprietary non-ionic surfactant	Proprietary	20.00000	0.00016	None
			Proprietary ethoxylated alcohol	Proprietary	10.00000	0.00008	None
			Proprietary corrosion inhibitor	Proprietary	10.00000	0.00008	None
ProFE 105	CNR	Iron Control					
			Citric Acid	77-92-9	20.00000	0.00019	None
			Acetic Acid	64-19-7	5.00000	0.00005	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	0.21397	
			Butene, homopolymer	9003-29-6	25.00000	0.01661	
			Ethoxylated alcohols (C12-18)	68213-23-0	3.00000	0.00199	
			Phosphonic Acid Salt	Proprietary	5.00000	0.00042	
			Proprietary material	Proprietary	30.00000	0.00024	
			Proprietary non-ionic surfactant	Proprietary	20.00000	0.00016	
			Proprietary corrosion inhibitor	Proprietary	10.00000	0.00008	
			Proprietary ethoxylated alcohol	Proprietary	10.00000	0.00008	
			Acetic Acid	64-19-7	5.00000	0.00005	

* 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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**WHISTLEPIG LEASE
WELL N-5HM
1043.245± ACRES**

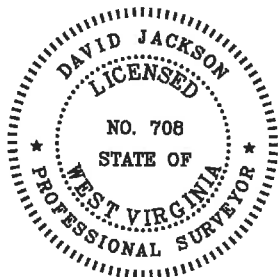
Number	TAX MAP-PARCEL	SURFACE OWNER	ACRES
S1	A 05-15-15	Robert L. Shields & Rebecca Shields and Donald Shields	49.0
S2	B 05-15-12	John David Petrock, et ux	150.23
S3	C 05-19-13	Rona Lee Rice & Charles Franklin McCardle	94.925
S4	D 05-14-15	Robert L. Shields, et al	53.00
S5	E 05-14-14	Robert L. Shields, et al	29.05
S6	F 05-14-12	Dale R. Gallaher, et al	135.100
S7	G 05-14-12.1	Henry Wilson Plunkert, Jr.	5.00
S8	H 05-14-10	Wanda P. Rine (Life)	107.372
S9	I 05-14-9.2	Maria T. Flores	25.00
S10	J 05-12-21	Edward L. Gibson (Life)	73.436
S11	K 05-12-21.1	Robert W., Jr. & Wendy L. Riggenbach	14.222
S12	L 05-12-23	CNX Land Resources, Inc.	236.10
S13	M 05-12-06	CNX Land Resources, Inc.	70.81
S14	05-12-22	CNX Land Resources, Inc.	0.944
S15	05-15-14	John David Petrock, et ux	25.00
S16	05-15-03	Joseph J. Kramer, et ux	36.10
S17	05-15-05	Joseph J. Kramer, et ux	35.00
S18	05-15-02	John David Petrock, et ux	5.00
S19	05-15-6.1	Joseph J. Kramer, et ux	39.40
S20	05-15-06	Joseph J. Kramer, et ux	42.50
S21	05-15-13	CNX Land Resources, Inc.	11.00
S22	05-15-09	CNX Land Resources, Inc.	81.98
S23	05-18-15.4	Edward Lee Burge, Jr.	22.34
S24	05-18-15.3	Charles Yeater	26.44
S25	05-18-06	Charles Yeater	26.00
S26	05-18-05	Terry Melott	8.14
S27	05-18-03	Olan V. & Patricia E. Rutan	43.677
S28	05-19-14	James & Sherry Beegle and Ida Rutan	18.356
S29	05-19-30	Ernie & Tammy Anderson	19.037
S30	05-19-29	Ernie L. & Tammy L. Anderson	10.961
S31	05-19-15	B.J. Herran Revocable Trust	0.72
S32	05-19-12	Ernie L. Anderson, et ux	5.33
S33	05-19-09	Penny Elaine Menendez	10.00
S34	05-19-10	Ernie L. Anderson, et ux	0.8125
S35	05-19-11	Ernie L. Anderson, et ux	0.08
S36	05-19-13.1	Donald Shields	0.80
S37	05-19-08	CNX Gas Company, LLC	40.00
S38	05-19-07	Olan V. Rutan, et ux	32.4801
S39	05-19-7.4	Olan V. Rutan, et ux	1.787
S40	05-19-7.2	Olan Rutan	2.783
S41	05-19-7.1	Robert L. Shields, et ux	3.399
S42	05-19-20.3	Sidney Harmon	3.715
S43	05-19-20.1	John J. Ebert (Life)	3.848
S44	05-19-05	Margirene Keefe	126.03
S45	05-19-20.2	Cassandra L. Harmon	7.448
S46	05-19-7.3	Olan V. Rutan, et ux	0.341
S47	05-19-06	Martha M. Rutan	5.1099
S48	05-14-11	Dale R. Gallaher, et al	12.00
S49	05-14-10.4	Adam & Jesse Robinson	3.343
S50	05-14-10.2	Ida Belle Rutan (Life) & Ralph R. Hoyt	0.495
S51	05-14-10.1	Ida Belle Rutan (Life) & Ralph R. Hoyt	0.50
S52	05-14-10.3	Vernie A. & Jody K. Rine	1.54

Number	TAX MAP-PARCEL	SURFACE OWNER	ACRES
S53	05-14-08	Lawrence Eugene Anderson	18.29
S54	05-14-9.3	Vernie A. Rine, et al	4.118
S55	05-14-9.4	Vernie A. Rine, et al	3.404
S56	05-14-09	Walter W. Streight, Jr., et ux	9.311
S57	05-14-9.5	Maria T. Flores	6.024
S58	05-14-19	Brian A. & Charlotte Mull	0.92
S59	05-14-9.1	Maria T. Flores	2.882
S60	05-12-18	Joni Lyn Leon	1.018
S61	05-12-17	Joni Lyn Leon	0.762
S62	05-12-16.1	Gary E. Gibson, et al	0.146
S63	05-12-16	Gary E. Gibson, et al	0.104
S64	05-12-20	Joni Lyn Leon	0.457
S65	05-12-19	Joni Lyn Leon	0.457
S66	05-14-17	Justin E. & Jody Rine	1.1044
S67	05-14-16	George E. Knuth	1.6386
S68	05-14-07	Donna K. & Leroy Anderson	4.60
S69	05-14-04	Leroy & Donna K. Anderson	29.29
S70	05-14-02	John B. Williams, Et Al	20.17
S71	05-19-02	Milton R. & Linda L. Neal	63.1
S72	05-19-03	Milton R. & Linda L. Neal	72.01
S73	05-13-42	Thomas & Victoria Bowman	45.0
S74	05-13-41C	Hrs. of Benton Darrah, Lillie May Dugan, Alma Bitmer, Alberta Palmer & Audrey Howard	1.0
S75	05-13-41B	Larry & Judy Darrah	2.50
S76	05-13-41A	Rodney & Rhonda Jackson	17.05
S77	05-19-01	Robert Rine	30.80
S78	05-20-25	Robert Rine	43.82
S79	05-13-40	Robert Rine	29.76
S80	05-13-39	Thomas & Victoria Bowman	46.0
S81	05-13-34	David J. Mast	40.0
S82	05-13-33	Nathan D. Yoder	142.03
S83	05-13-28	Aaron Paul Holdren, Et Ux	17.0
S84	05-13-31	CNX Land Resources, Inc.	31.723
S85	05-12-24.3	CNX Land Resources, Inc.	18.523
S86	05-12-24.1	W.V. D.O.H.	0.994
S87	05-12-25	CNX Land Resources, Inc.	12.8
S88	05-12-05	CNX Land Resources, Inc.	61.883
S89	05-12-03	CNX Land Resources, Inc.	62.30
S90	05-12-01	United States of America	1.68
S91	05-12-07	Robert Wm. Riggenbach, et ux	104.231
S92	05-12-13	Linda Hamilton, et al	41.887
S93	05-12-7.2	Raymond K. Miller	4.66
S94	05-12-7.1	Raymond K. Miller	1.609
S95	05-12-13.1	Raymond K. Miller	0.113
S96	05-12-15	Woodland Hill Church of God Trust	0.375
S97	05-12-12	Lionel L. Persinger, et ux	45.00
S98	05-12-6.1	W.V. D.O.H.	0.31
S99	05-12-23.3	W.V. D.O.H.	0.11
S100	05-12-23.1	James N. Daugherty	0.28
S101	05-12-5.1	CNX Land Resources, Inc.	0.52
S102	05-12-4	CNX Land Resources, Inc.	0.93
S103	05-12-23.2	Consolidation Coal Co./ Murray Energy + CNX Land Resources, Inc.	12.50
S104	05-12-6.2	Consolidation Coal Co./ Murray Energy	25.50

SURFACE HOLE
UTM. NAD83, ZONE 17
IN METERS
N) 4,402,836.60
E) 517,728.92

LANDING POINT 1
UTM. NAD83, ZONE 17
IN METERS
N) 4,402,265.74
E) 517,639.66

BOTTOM HOLE
UTM. NAD83, ZONE 17
IN METERS
N) 4,404,970.71
E) 515,128.68



RECEIVED
Office of Oil & Gas
OCT 04 2022
WV Department of
Environmental Protection

NOTES:
05-13-41A MAPPED AS PART OF 05-13-41
05-13-41B MAPPED AS PART OF 05-13-41. INCORRECTLY ASSESSED AS 05-25-22 4.15 ACRES
05-13-41C MAPPED AS PART OF 05-13-41. NOT ASSESSED. **10/14/2022**

P.S. 708 *David L Jackson*

	OPERATOR'S	WELL PLAT
	WELL #: <u>Whistlepig N-5HM</u>	PAGE 2 OF 2
	DISTRICT: <u>Franklin</u>	DATE: <u>10/03/2022</u>
	COUNTY: <u>Marshall</u>	
	STATE: <u>WV</u>	
	API # <u>47-051-02138</u>	