

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

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Office of Oil & Gas  
OCT 04 2022

WWW.DEPARTMENT.OF  
ENVIRONMENTAL PROTECTION

API 47-051-02141 County Marshall District Franklin  
Quad Powhatan Point 7.5' Pad Name Goudy Field/Pool Name \_\_\_\_\_  
Farm name TH Exploration III, LLC Well Number Whistlepig S-9HM  
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 4,402,840.95 Easting 517,734.68  
Landing Point of Curve Northing 4,403,192.49 Easting 517,902.43  
Bottom Hole Northing 4,401,350.06 Easting 518,946.82

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: 7/4/2019 big rig: 6/6/2021 Date drilling ceased 6/21/2021  
Date completion activities began 11/23/2021 Date completion activities ceased 12/12/2021  
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:  
Stacy Gaiser  
10-21-2022  
10-16-2022

API 47-051-02141

Farm name TH Exploration III, LLC

Well number Whistlepig S-9HM

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"	1,086' <input checked="" type="checkbox"/>	NEW	48#	N/A	Y
Coal	17 1/2"	13 3/8"	1,086' <input checked="" type="checkbox"/>	NEW	48#	N/A	Y
Intermediate 1	12 1/4"	9 5/8"	2,862' <input checked="" type="checkbox"/>	NEW	36#	N/A	Y
Intermediate 2							
Intermediate 3							
Production	8 1/2"	5 1/2"	14,345' <input checked="" type="checkbox"/>	NEW	20#	N/A	Y
Tubing		2 3/8"	7,173'	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 <sup>3</sup> /sks)	Volume (ft <sup>3</sup> )	Cement Top (MD)	WOC (hrs)
Conductor	A						
Surface	A	1120	15.6	1.2	1344	0	8
Coal	A	1120	15.6	102	1344	0	8
Intermediate 1	A	840	15	1.38	1159.2	0	8
Intermediate 2							
Intermediate 3							
Production	A	3050	14.5	1.3	3965	0	8
Tubing							

Drillers TD (ft) 14,366'

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) 5,997'

WV Department of Environmental Protection

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 \_\_\_\_\_

10/21/2022



API 47- 051 - 02141 Farm name TH Exploration III, LLC Well number Whistlepig S-9HM

<u>PRODUCING FORMATION(S)</u>	<u>DEPTHS</u>	
<u>MARCELLUS</u>	<u>6642'-6705'</u> TVD	<u>7719'-14366'</u> MD

Please insert additional pages as applicable.

GAS TEST  Build up  Drawdown  Open Flow OIL TEST  Flow  Pump  
 SHUT-IN PRESSURE Surface 2456 psi Bottom Hole \_\_\_\_\_ psi DURATION OF TEST 4 hrs  
 OPEN FLOW Gas 471.00 mcfpd Oil 432 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 <sub>2</sub> S, ETC)
	DEPTH IN FT NAME TVD	DEPTH IN FT TVD	DEPTH IN FT MD	DEPTH IN FT MD	
	<u>0</u>		<u>0</u>		
<u>*see attached</u>					

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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 S-9HM

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	85.20	7570	6143	3841	252900	6,672	0
2	89.99	7171	4668	4586	531900	10,311	0
3	90.71	7253	4646	4918	523520	9,662	0
4	89.73	7078	4736	5137	521120	9,600	0
5	88.18	6964	4651	5278	522380	10,083	0
6	89.67	7062	4901	4891	528680	9,360	0
7	89.26	7158	4750	5182	486720	9,149	0
8	87.99	6890	4411	4147	533880	9,656	0
9	88.67	6890	4679	4837	534340	11,832	0
10	88.24	6738	4811	4596	444180	8,304	0
11	88.13	6654	4857	4759	440380	8,112	0
12	84.80	6536	5200	4731	440520	8,258	0
13	88.02	6630	4774	4383	440420	8,205	0
14	88.77	6831	4805	4678	438860	8,265	0
15	88.06	6807	4804	4753	441000	8,508	0
16	89.92	6818	4560	4795	439700	8,217	0
17	89.79	6633	4671	4456	440680	8,211	0
18	89.40	6722	5025	5243	439380	8,353	0
19	88.89	6566	5255	5518	443160	8,338	0
20	90.68	6768	5121	5297	444080	8,634	0
21	89.24	6849	4944	4899	439380	8,707	0
22	88.30	6738	4859	4605	439760	8,123	0
23	89.77	6743	4638	5900	445780	8,245	0
24	87.63	6668	4808	5123	440260	8,159	0
25	88.86	6758	4756	5011	447580	8,342	0
26	89.14	6746	4755	5193	441820	8,164	0
27	90.41	6631	4634	4643	438400	8,238	0
28	90.34	6690	5206	5156	445940	8,289	0
29	88.44	6554	5406	4998	443600	8,171	0
30	89.34	6517	4915	5219	447680	8,196	0
31	88.01	6465	4790	5428	438140	8,052	0
32	90.18	6385	4604	4729	441020	8,047	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	88.21	6413	4868	5168	446440	8,093	0
34	88.21	6437	5479	5081	434040	7,982	0
35	85.65	6218	5131	4723	439440	8,043	0
36	89.33	6281	5328	4472	443040	8,089	0
37	88.11	6125	5331	4899	442260	8,164	0
38	89.16	6196	5307	4474	445520	8,202	0

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**Whistlepig N-9HM  
PEFORATION RECORD**

Stage No.	Perforation Date	Perforated from MD ft.	Perforated to MD. Ft.	Number of Perforations	Formation(s)
1	11/23/2021	14,154	14,202	48	Marcellus
2	11/24/2021	13,951	14,103	48	Marcellus
3	11/26/2021	13,777	13,929	48	Marcellus
4	11/26/2021	13,603	13,755	48	Marcellus
5	11/26/2021	13,429	13,581	48	Marcellus
6	11/27/2021	13,255	13,407	48	Marcellus
7	11/27/2021	13,081	13,233	48	Marcellus
8	11/28/2021	12,907	13,059	48	Marcellus
9	11/28/2021	12,733	12,885	48	Marcellus
10	11/28/2021	12,559	12,711	48	Marcellus
11	11/29/2021	12,385	12,537	48	Marcellus
12	11/29/2021	12,211	12,363	48	Marcellus
13	11/30/2021	12,037	12,189	48	Marcellus
14	12/1/2021	11,863	12,015	48	Marcellus
15	12/1/2021	11,689	11,841	48	Marcellus
16	12/3/2021	11,515	11,667	48	Marcellus
17	12/3/2021	11,341	11,493	48	Marcellus
18	12/4/2021	11,167	11,319	48	Marcellus
19	12/4/2021	10,993	11,145	48	Marcellus
20	12/5/2021	10,819	10,971	48	Marcellus
21	12/5/2021	10,645	10,797	48	Marcellus
22	12/6/2021	10,471	10,623	48	Marcellus
23	12/6/2021	10,297	10,449	48	Marcellus
24	12/6/2021	10,123	10,275	48	Marcellus
25	12/7/2021	9,949	10,101	48	Marcellus
26	12/7/2021	9,775	9,927	48	Marcellus
27	12/8/2021	9,601	9,753	48	Marcellus
28	12/8/2021	9,427	9,579	48	Marcellus
29	12/8/2021	9,253	9,405	48	Marcellus
30	12/9/2021	9,079	9,231	48	Marcellus
31	12/9/2021	8,905	9,057	48	Marcellus
32	12/10/2021	8,731	8,883	48	Marcellus
33	12/10/2021	8,557	8,709	48	Marcellus
34	12/11/2021	8,383	8,535	48	Marcellus
35	12/11/2021	8,209	8,361	48	Marcellus
36	12/12/2021	8,035	8,187	48	Marcellus
37	12/12/2021	7,861	8,013	48	Marcellus
38	12/12/2021	7,687	7,839	48	Marcellus

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## Whistlepig S-9HM

### 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	2069	2162	2073	2168	Sandstone
Big Lime	2162	2231	2168	2239	Limestone
Big Injun	2231	2516	2239	2537	Sandstone
Weir	2516	2708	2537	2743	Sandstone
Berea	2708	3050	2743	3114	Sandstone
Gordon	3050	3105	3114	3174	Sandstone
Fifty Foot	3105	3657	3174	3779	Sandstone
Speechley	3657	5052	3779	5307	Sandstone
Benson	5052	5417	5307	5703	Sandstone
Alexander	5417	6001	5703	6323	Siltstone
Rhinestreet	6001	6419	6323	6790	Black Shale
Middlesex	6419	6499	6790	6911	Black Shale
Geneseo/Burkett	6499	6530	6911	6967	Black Shale
Tully	6530	6558	6967	7029	Limestone
Hamilton	6558	6602	7029	7184	Gray Shale
Marcellus	6602	-	7184	-	Black Shale

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 WV Department of  
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10/21/2022



# Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	11/23/2021
Job End Date:	12/12/2021
State:	West Virginia
County:	Marshall
API Number:	47-051-02141-00-00
Operator Name:	Tug Hill Operating, LLC
Well Name and Number:	Whistlepig S-9HM
Latitude:	39.77532012
Longitude:	-80.79291163
Datum:	NAD27
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	6,675
Total Base Water Volume (gal):	13,651,512
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					
Sand (40/70 White Proppant)	Tug Hill Operating	Proppant	Water	7732-18-5	100.00000	86.51162	None
Sand (100 Mesh Proppant)	Tug Hill Operating	Proppant	Silica Substrate	14808-60-7	100.00000	8.79269	None
Sand (30/50 White Proppant)	Tug Hill Operating	Proppant	Silica Substrate	14808-60-7	100.00000	3.12828	None
Hydrochloric Acid (7.5%)	CNR	Etwork	Silica Substrate	14808-60-7	100.00000	1.17700	None
StimStream FR 9800	Chemstream		Water	7732-18-5	85.00000	0.22969	None
			Hydrochloric Acid (Hydrogen Chloride)	7647-01-0	37.00000	0.10007	None
			Alkanes, C16-20-iso-	90622-59-6	25.00000	0.01827	None
			Butene, homopolymer	9003-29-6	25.00000	0.01827	None
			Ethoxylated alcohols (C12-18)	68213-23-0	3.00000	0.00219	None

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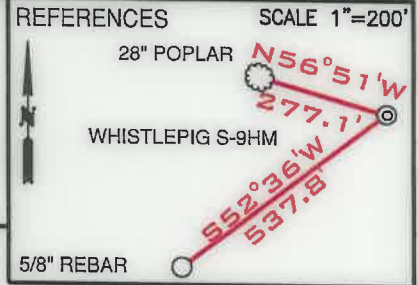


Form ww6

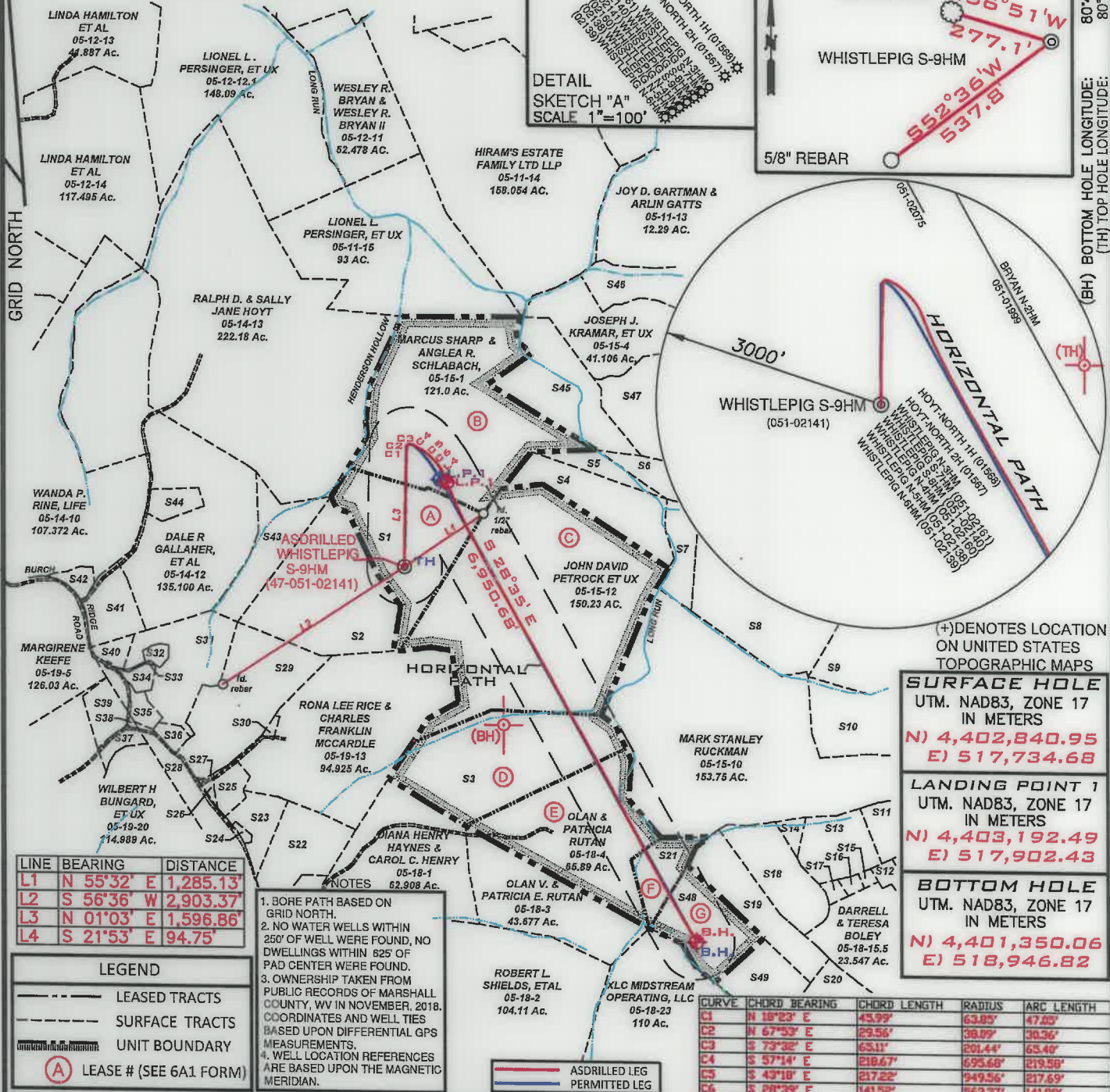
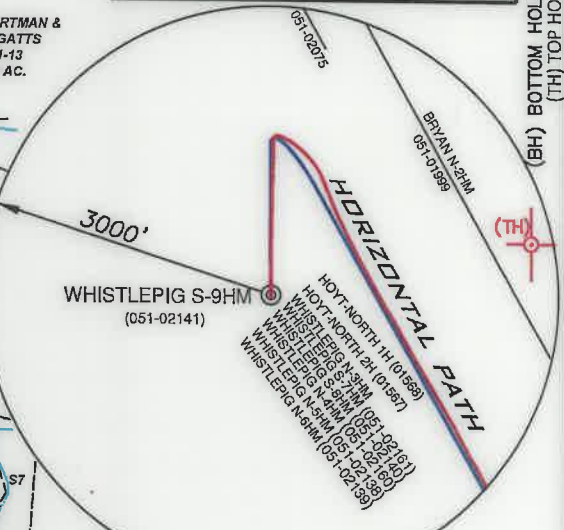
# WHISTLEPIG LEASE WELL S-9HM 485.85± ACRES

TOP HOLE LATITUDE: 39°47'30"  
BOTTOM HOLE LATITUDE: 39°47'30"

(BH) 8,155' (TH) 398'



DETAIL SKETCH "A" SCALE 1"=100'



LINE	BEARING	DISTANCE
L1	N 55°32' E	1,285.13'
L2	S 56°36' W	2,903.37'
L3	N 01°03' E	1,596.86'
L4	S 21°53' E	94.75'

- NOTES**
- BORE PATH BASED ON GRID NORTH.
  - NO WATER WELLS WITHIN 250' OF WELL WERE FOUND, NO DWELLINGS WITHIN 625' OF PAD CENTER WERE FOUND.
  - OWNERSHIP TAKEN FROM PUBLIC RECORDS OF MARSHALL COUNTY, WV IN NOVEMBER, 2018. COORDINATES AND WELL TIES BASED UPON DIFFERENTIAL GPS MEASUREMENTS.
  - WELL LOCATION REFERENCES ARE BASED UPON THE MAGNETIC MERIDIAN.

**LEGEND**

- LEASED TRACTS
- SURFACE TRACTS
- UNIT BOUNDARY
- (A) LEASE # (SEE 6A1 FORM)

CURVE	CHORD BEARING	CHORD LENGTH	RADIUS	ARC LENGTH
C1	N 18°23' E	43.99'	63.85'	47.05'
C2	N 67°32' E	29.56'	38.99'	30.36'
C3	S 73°32' E	65.11'	201.44'	65.40'
C4	S 57°14' E	218.67'	695.68'	219.59'
C5	S 43°18' E	217.22'	949.56'	217.69'
C6	S 29°39' E	141.52'	563.37'	141.89'

(+) DENOTES LOCATION ON UNITED STATES TOPOGRAPHIC MAPS

**SURFACE HOLE**  
UTM. NAD83, ZONE 17 IN METERS  
N) 4,402,840.95  
E) 517,734.68

**LANDING POINT 1**  
UTM. NAD83, ZONE 17 IN METERS  
N) 4,403,192.49  
E) 517,902.43

**BOTTOM HOLE**  
UTM. NAD83, ZONE 17 IN METERS  
N) 4,401,350.06  
E) 518,946.82

FILE NUMBER \_\_\_\_\_

DRAWING NUMBER WHISTLEPIG S-9HM REV 0

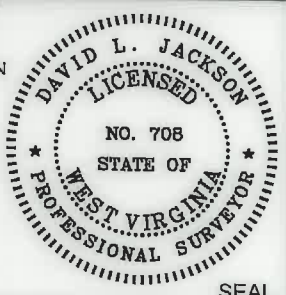
SCALE 1" = 2000'

MINIMUM DEGREE OF ACCURACY 1/200

PROVEN SOURCE OF ELEVATION SUBMETER MAPPING  
GRADE GPS

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAN 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

*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

DATE: OCTOBER 3, 2022

OPERATORS WELL NO. WHISTLEPIG S-9HM

API WELL NO. 47-051-02141

STATE WV COUNTY MARSHALL PERMIT \_\_\_\_\_

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

LOCATION ELEVATION 1,368.5' WATERSHED (HUC 10) FISH CREEK

DISTRICT FRANKLIN COUNTY MARSHALL

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

SURFACE OWNER ROBERT L. & REBECCA SHIELDS & DONALD SHIELDS ACREAGE 49.0

OIL & GAS ROYALTY OWNER ROBERT L. & REBECCA SHIELDS & DONALD SHIELDS LEASE ACREAGE 49.0

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

TARGET FORMATION MARCELLUS ESTIMATED DEPTH TVD: 6,705' TMD: 14,366'

WELL OPERATOR TUG HILL OPERATING, LLC DESIGNATED AGENT DARREN BROWN, CT CORP

ADDRESS 1320 SOUTH UNIVERSITY DRIVE, SUITE 500 FORT WORTH, TX 76107 ADDRESS 5098 WASHINGTON STREET WEST, SUITE 407 CHARLESTON, WV 25313-1561

COUNTY NAME  
PERMIT

10/21/2022

**WHISTLEPIG LEASE  
WELL S-9HM  
485.85± ACRES**

Number	TAX MAP-PARCEL	SURFACE OWNER	ACRES
S1 (A)	05-15-15	Robert L. & Rebecca Shields and Donald Shields	49.00
S2	05-14-15	Robert L. Shields et al	53.00
S3 (D)	05-15-11	Diana Henry Haynes & Carol Henry	65.59
S4	05-15-14	John David Petrock, et al	25.00
S5	05-15-02	John David Petrock, et al	5.00
S6	05-15-6.1	Joseph J. Kramar, et ux	39.40
S7	05-15-13	CNX Land Resources, Inc.	11.00
S8	05-15-09	CNX Land Resources, Inc.	81.98
S9	05-16-23	CNX Land Resources, Inc.	60.138
S10	05-16-22	James M. Ruckman, et ux	54.605
S11	05-18-11	Benjamin Robinson	12.883
S12	05-18-12	William L. Wayne, et ux	2.270
S13	05-18-11.1	Edward Lee Burge, Jr.	18.00
S14	05-18-15	Edward Lee Burge, Jr.	2.495
S15	05-18-10	David and Nancy Anderson	0.907
S16	05-18-10.2	David Anderson, et ux	1.377
S17	05-18-10.1	David V. Anderson, et ux	1.65
S18	05-18-15.4	Edward Lee Burge, Jr.	22.34
S19	05-18-15.3	Charles Yeater	26.44
S20	05-18-16	Charles Yeater	17.768
S21 (F)	05-18-05	Terry Melott	8.14
S22	05-19-30	Ernie & Tammy Anderson	19.037
S23	05-19-29	Ernie L. & Tammy L. Anderson	10.961
S24	05-19-15	B.J.Herran Revocable Trust	0.72
S25	05-19-12	Ernie L. Anderson, et ux	5.33
S26	05-19-10	Ernie L. Anderson, et ux	0.8125
S27	05-19-11	Ernie L. Anderson, et ux	0.08
S28	05-19-09	Penny Elaine Menendez	10.00
S29	05-19-08	CNX Gas Company, LLC	40.00
S30	05-19-13.1	Donald Shields	0.800
S31	05-19-07	Olan V. Rutan, et ux	32.4801
S32	05-19-7.4	Olan V. Rutan, et ux	1.787
S33	05-19-7.3	Olan V. Rutan, et ux	0.341
S34	05-19-7.2	Olan V. Rutan	2.783
S35	05-19-7.1	Robert L. Shields, et ux	3.399
S36	05-19-7.5	Adam & Jesse Robinson	2.640
S37	05-19-20.1	John J. Ebert (Life)	3.848
S38	P/O 05-19-20	Wilbert H. Bungard, et ux	P/O 114.989
S39	05-19-20.2	Cassandra L. Harmon	7.448
S40	05-19-06	Martha M. Rutan	5.1099
S41	05-14-11	Dale R. Gallaher, et al	12.00
S42	05-14-10.4	Adam & Jesse Robinson	3.343
S43	05-14-14	Robert L. Shields, et al	29.05
S44	05-14-12.1	Henry Wilson Plunkert, Jr.	5.00
S45	05-15-03	Joseph J. Kramar, et ux	36.10
S46	05-11-12	Joseph J. Kramar, et ux	43.2188
S47	05-15-05	Joseph J. Kramar, et ux	35.00
S48 (G)	05-18-06	Charles Yeater	26.00
S49	05-18-07	Charles Yeater	24.22

RECEIVED  
Office of Oil & Gas

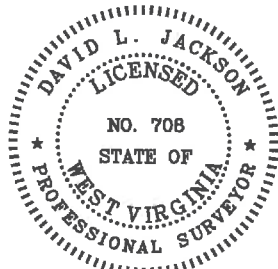
OCT 04 2022

WV Department of  
Environmental Protection

**SURFACE HOLE**  
UTM. NAD83, ZONE 17  
IN METERS  
N) 4,402,840.94  
E) 517,734.81

**LANDING POINT 1**  
UTM. NAD83, ZONE 17  
IN METERS  
N) 4,403,202.51  
E) 517,875.40

**BOTTOM HOLE**  
UTM. NAD83, ZONE 17  
IN METERS  
N) 4,401,348.96  
E) 518,945.51



P.S. 708 *David L Jackson*

10/21/2022

	OPERATOR'S	WELL PLAT
	WELL #: <u>Whistlepig S-9HM</u>	PAGE 2 OF 2
	API# <u>47-051-02141</u>	DATE: <u>10/03/2022</u>
	DISTRICT: <u>Franklin</u>	
	COUNTY: <u>Marshall</u>	
STATE: <u>WV</u>		