

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

API 47 - 051 - 02035 County Marshall District Franklin
Quad New Martinsville 7.5' Pad Name Lily Field/Pool Name _____
Farm name Ula F. Nelson Well Number Weller 2HM
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 4,398,622.59 Easting 516,597.17
Landing Point of Curve Northing 4,398,605.65 Easting 517,347.00
Bottom Hole Northing 4,396,787.16 Easting 518,401.61

Elevation (ft) 1272.6' 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 6/12/2018 Date drilling commenced 4/6/2019 Date drilling ceased 4/16/2019
Date completion activities began 4/28/2019 Date completion activities ceased 9/10/2019
Verbal plugging (Y/N) N Date permission granted N/A Granted by N/A

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

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Freshwater depth(s) ft 70' Open mine(s) (Y/N) depths N
Salt water depth(s) ft 1595' Void(s) encountered (Y/N) depths N
Coal depth(s) ft N Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

WV Department of Environmental Protection

Reviewed by:
Jim Nicholas
6/22/2020

API 47-051 - 02035 Farm name Ula F. Nelson Well number Weller 2HM

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"	988'	NEW	54.5#	N/A	Y
Coal	17 1/2"	13 3/8"	988'	NEW	54.5#	N/A	Y
Intermediate 1	12 1/4"	9 5/8"	2,704'	NEW	36#	N/A	Y
Intermediate 2							
Intermediate 3							
Production	8 3/4"	5 1/2"	14,292'	NEW	20#	N/A	Y
Tubing		2 3/8"	7,146'	NEW	4.7#	N/A	
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		15.6	1.19		0	8
Surface	A	1051	15.6	1.19	1270	0	8
Coal	A	1051	15.6	1.19	1270	0	8
Intermediate 1	A	782	15.6	1.19	1077	0	8
Intermediate 2							
Intermediate 3							
Production	A	3379	14.5	1.17	3937	0	8
Tubing							

Drillers TD (ft) 14,292' Loggers TD (ft) n/a
 Deepest formation penetrated Marcellus Plug back to (ft) n/a
 Plug back procedure n/a

Kick off depth (ft) 6,449'

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.

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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 _____

**Weller 2HM
PEFORATION RECORD**

Stage No.	Perforation Date	Perforated from MD ft.	Perforated to MD. Ft.	Number of Perforations	Formation(s)
1	7/24/2019	13874	14026	48	Marcellus
2	7/24/2019	13701	13853	48	Marcellus
3	7/24/2019	13527	13679	48	Marcellus
4	7/25/2019	13353	13505	48	Marcellus
5	7/25/2019	13180	13332	48	Marcellus
6	7/25/2019	13006	13158	48	Marcellus
7	7/26/2019	12833	12985	48	Marcellus
8	7/26/2019	12659	12811	48	Marcellus
9	7/27/2019	12486	12638	48	Marcellus
10	7/27/2019	12312	12464	48	Marcellus
11	7/27/2019	12139	12291	48	Marcellus
12	7/28/2019	11965	12117	48	Marcellus
13	7/28/2019	11792	11944	48	Marcellus
14	7/28/2019	11618	11770	48	Marcellus
15	7/29/2019	11445	11597	48	Marcellus
16	7/29/2019	11271	11423	48	Marcellus
17	7/29/2019	11098	11250	48	Marcellus
18	7/29/2019	10924	11076	48	Marcellus
19	7/30/2019	10751	10903	48	Marcellus
20	7/30/2019	10577	10729	48	Marcellus
21	7/30/2019	10404	10556	48	Marcellus
22	7/30/2019	10230	10382	48	Marcellus
23	7/31/2019	10057	10209	48	Marcellus
24	7/31/2019	9883	10035	48	Marcellus
25	7/31/2019	9710	9862	48	Marcellus
26	8/1/2019	9536	9688	48	Marcellus
27	8/1/2019	9363	9515	48	Marcellus
28	8/1/2019	9189	9341	48	Marcellus
29	8/1/2019	9016	9168	48	Marcellus
30	8/2/2019	8842	8994	48	Marcellus
31	8/2/2019	8669	8821	48	Marcellus
32	8/2/2019	8495	8647	48	Marcellus
33	8/3/2019	8322	8474	48	Marcellus
34	8/3/2019	8148	8300	48	Marcellus
35	8/4/2019	7975	8127	48	Marcellus
36	8/4/2019	7801	7953	48	Marcellus
37	8/4/2019	7628	7780	48	Marcellus
38	8/5/2019	7454	7606	48	Marcellus
39	8/5/2019	7281	7433	48	Marcellus

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STIMULATION INFORMATION PER STAGE

Weller ZHM

Stage No.	Ave. Pump Rate (BPM)	Ave Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbbls)	Amount of Nitrogen/other (units)
1	86.4	7346	5564	3740	531705	10432	0
2	88.6	7769	5853	4407	531165	10562	0
3	87.3	7501	5342	4643	528645	11039	0
4	86.5	7469	5621	5243	526305	11272	0
5	88.6	7499	5396	4192	533745	10358	0
6	88.5	7557	5354	4152	529445	10866	0
7	87.7	7523	5140	4744	529145	12626	0
8	86.3	7047	5379	5135	527285	10149	0
9	87	6982	5415	4387	531365	10154	0
10	88.7	7169	5400	4874	531825	10228	0
11	86.9	6982	5714	4457	529985	9758	0
12	88	7006	5784	4986	533695	10142	0
13	88	7235	5748	5215	529615	9993	0
14	88.3	7281	5341	4459	528435	10528	0
15	86.8	7122	5302	5133	530135	10250	0
16	86.6	7409	5624	4821	474295	9792	0
17	87.6	7117	5605	5115	534095	10203	0
18	87.7	6909	5129	4701	538955	10363	0
19	86.6	6918	5059	4865	530760	11029	0
20	89.4	7128	5103	4775	531700	10220	0
21	89.3	6887	5116	5172	532320	10128	0
22	88.3	6770	5432	5148	537440	10654	0
23	86.7	7090	5608	4799	536635	9915	0
24	89.5	6859	5600	3447	532835	9813	0
25	87.8	6849	6026	3939	536275	9926	0
26	88.3	6690	5223	4377	533295	9894	0
27	87.6	6938	5363	4616	461930	9242	0
28	87.7	6724	5324	4884	536340	10202	0
29	86.1	6714	5410	3951	538040	10343	0
30	87.1	6470	4902	3647	530340	9950	0
31	86.7	7079	5451	4886	499720	9613	0
32	87.7	6642	5195	4353	531765	9926	0
33	87.2	5387	5387	4308	360160	8220	0

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34	86.9	6520	5166	4796	527000	10815	0
35	85	6614	5469	4824	492150	10073	0
36	88.5	6711	5626	4624	415670	8864	0
37	87.4	6634	5186	3573	535210	9876	0
38	85.7	6904	5429	4413	535945	10374	0
39	88.6	6513	4678	5836	543925	10717	0

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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	1958	2053	1960	2056	Sandstone
Big Lime	2053	2108	2056	2112	Limestone
Big Injun	2108	2410	2112	2424	Sandstone
Weir	2410	2593	2424	2616	Sandstone
Berea	2593	2903	2616	2956	Sandstone
Gordon	2903	2963	2956	3026	Sandstone
Fifty Foot	2963	3541	3026	3682	Sandstone
Speechley	3541	4932	3682	5249	Sandstone
Benson	4932	5308	5249	5673	Sandstone
Alexander	5308	5898	5673	6329	Siltstone
Rhinestreet	5898	6318	6329	6836	Black shale
Middlesex	6318	6402	6836	6968	Black shale
Geneseo/Burkett	6402	6429	6968	7017	Black shale
Tully	6429	6460	7017	7078	Limestone
Hamilton	6460	6499	7078	7177	Grey shale
Marcellus	6499	-	7177	-	Black shale

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	7/23/2019
Job End Date:	8/5/2019
State:	West Virginia
County:	Marshall
API Number:	47-051-02035-00-00
Operator Name:	Tug Hill Operating, LLC
Well Name and Number:	Weller 2HM
Latitude:	39.73733480
Longitude:	-80.80630150
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	6,566
Total Base Water Volume (gal):	17,018,342
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
Fresh Water	Halliburton	Base Fluid					
			Water	7732-18-5	100.00000	86.96888	Density = 8.34
Ingredients	Listed Above	Listed Above					
			Water	7732-18-5	100.00000	0.57169	



OilPerm A	Halliburton	Non-ionic Surfactant		Listed Below				
Sand-Premium White-30/50	Halliburton	Proppant		Listed Below				
MC MX 8-4743	MultiChem	Additive		Listed Below				
FDP-S1296-17	Halliburton	Acid Corrosion Inhibitor		Listed Below				
Sand-Common White-100 Mesh, SSA-2	Halliburton	Proppant		Listed Below				
Sand-Premium White-40/70	Halliburton	Proppant		Listed Below				
HYDROCHLORIC ACID, 22 BAUME	Halliburton	Solvent		Listed Below				
LEGEND(TM) LD-7750W	MultiChem	Scale Control		Listed Below				
LD-2950	MultiChem	Friction Reducer		Listed Below				

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Items above are Trade Names with the exception of Base Water. Items below are the individual ingredients.		Listed Below					
	Crystalline silica, quartz	14808-60-7	100.00000	12.42606			
	Hydrochloric acid	7647-01-0	30.00000	0.14514			
	Complex Amine Compound	Proprietary	60.00000	0.04896			
	Hydrotreated light petroleum distillate	64742-47-8	30.00000	0.02448			
	Sodium nitrate	7631-99-4	60.00000	0.01897			
	Methanol	67-56-1	100.00000	0.00562			
	Ethoxylated alcohols	Proprietary	5.00000	0.00408			
	Sodium molybdate	10102-40-6	5.00000	0.00158			
	Adipic acid	124-04-9	1.00000	0.00082			
	Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched	69011-36-5	1.00000	0.00082			
	Sodium chloride	7647-14-5	5.00000	0.00047			
	Phosphoric Acid Salt	Proprietary	5.00000	0.00044			
	Ethanol	64-17-5	60.00000	0.00022			
	Heavy aromatic petroleum naphtha	64742-94-5	30.00000	0.00011			
	Oxyalkylated nonyl phenolic resin	Proprietary	30.00000	0.00011			
	Modified thiourea polymer	Proprietary	30.00000	0.00011			
	Mixture of dimer and trimer fatty acids of indefinite composition derived from tall oil	61790-12-3	30.00000	0.00011			
	Oxyalkylated phenolic resin	Proprietary	10.00000	0.00004			
	Yeast extract	8013-01-2	0.10000	0.00003			
	Monopotassium phosphate	7778-77-0	0.10000	0.00003			
	Sodium acetate	127-09-3	0.10000	0.00003			
	Sodium lactate	72-17-3	0.10000	0.00003			

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Well: Weller 2 HM (F)
Site: Lily/Weller
Project: Marshall County, West Virginia.
Design: rev1
Rig: Nabors B28

Geodetic System: Universal Transverse Mercator (US Survey Feet)
 Datum: NAD83 West Virginia - HARN
 Ellipsoid: GRS 1980
 Zone: Zone 17N (84 W to 78 W)

System Datum: Mean Sea Level
 Depth Reference: RKB=1273+26 @ 1299.00usft (Nabors B28)
 Northing: 14431147.49
 Easting: 1694869.43
 Latitude: 39.73733483
 Longitude: -80.80650143

Total Corr (M->G): To convert a Magnetic Direction to a Grd Direction Subtract 8.791°



Azimuths to Grid North
 True North: -0.12°
 Magnetic North: 8.79°

Magnetic Field
 Strength: 51950.9nT
 Dip Angle: 66.78°
 Date: 4/7/2019
 Model: IGRF2015

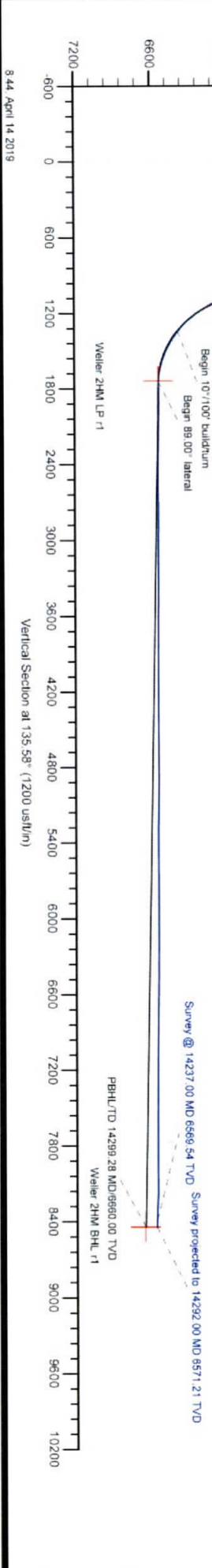
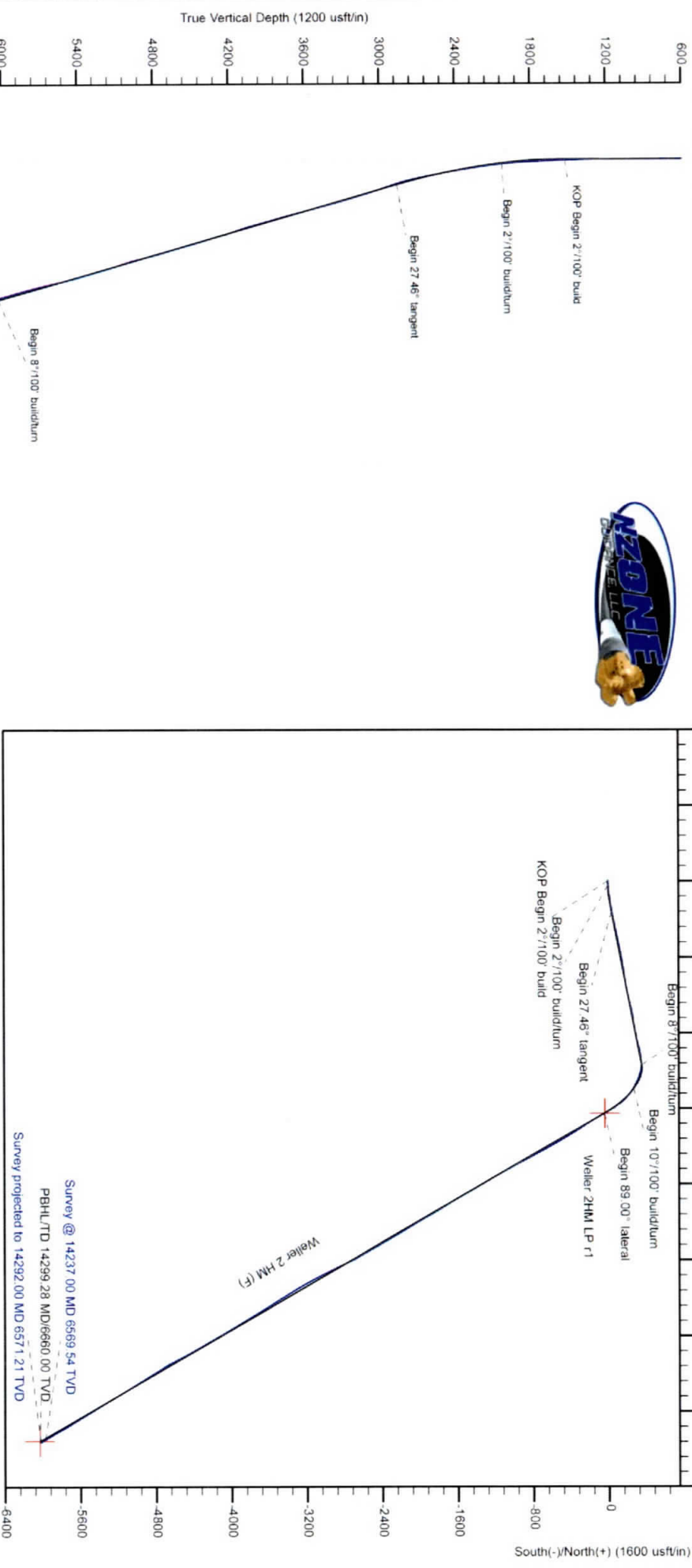


SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/S	+E/W	Vsect	Annotation
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	1596.00	0.00	0.00	1596.00	0.00	0.00	0.00	KOP Begin 2'7'100" build
3	2028.00	10.00	90.00	2023.47	0.00	43.52	2.00	90.000
4	2913.22	27.46	78.97	2860.65	39.44	323.61	0.00	-16.822
5	6484.83	67.46	123.96	6092.72	354.46	1540.42	0.00	0.000
6	6932.08	89.00	150.00	6363.47	270.80	2188.35	9.00	73.387
7	7379.05	89.00	150.00	6593.00	39.18	2452.17	10.00	35.357
8	14299.29	89.00	150.00	6660.00	-6031.46	5911.59	0.00	0.000

ANNOTATIONS SURVEYS

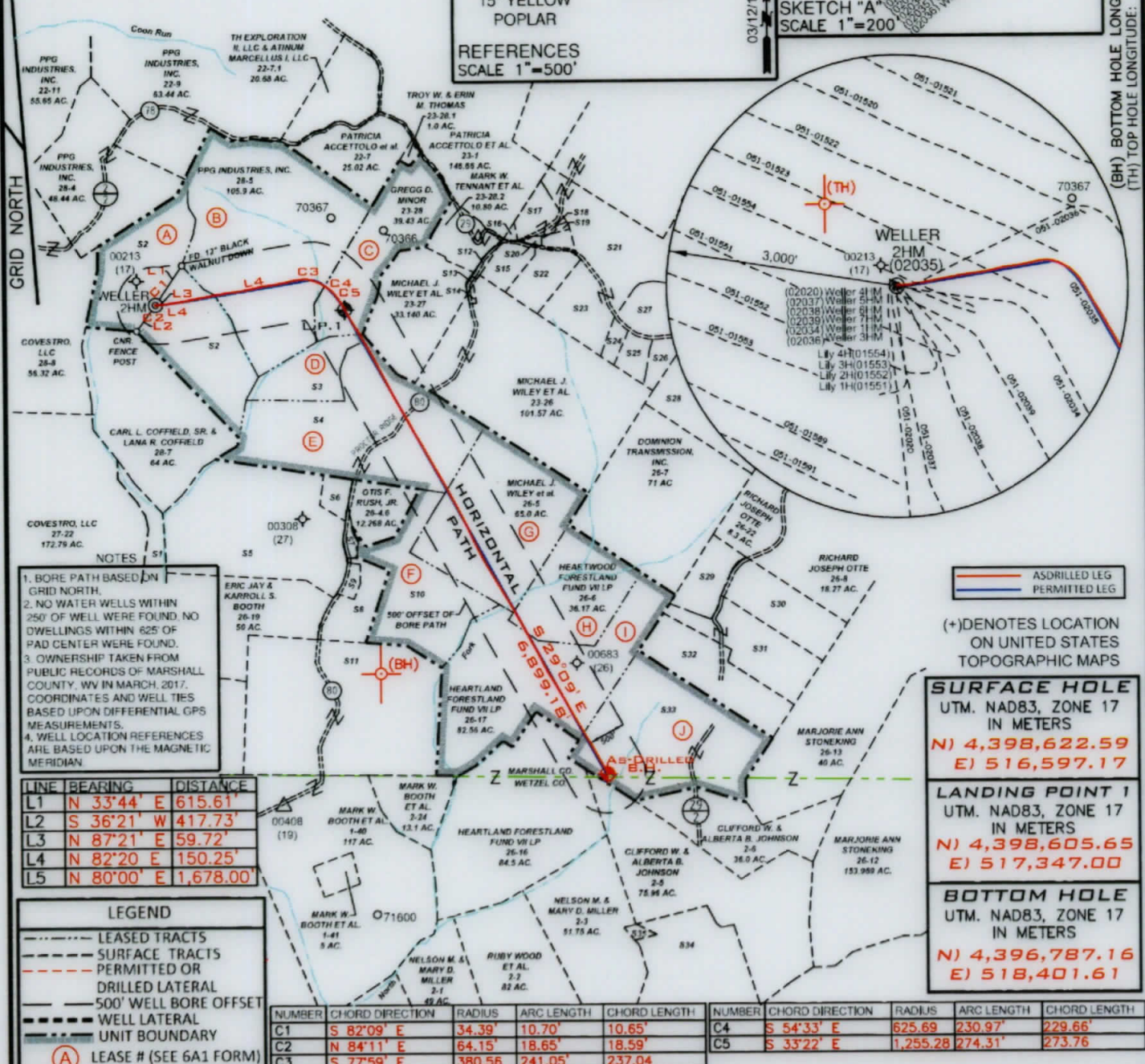
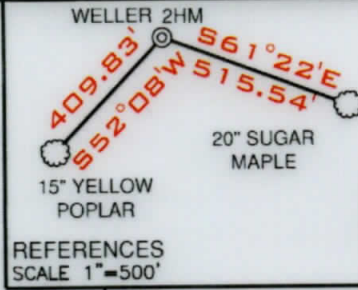
MD	Inc	Azi	TVD	+N/S	+E/W	Vsect	Annotation
158.00	1.02	221.67	157.89	-1.05	-0.93	91.10	NWD surveys
14237.00	88.26	151.00	6569.54	-5973.67	5893.59	8391.43	Survey @ 14237.00 MD 6569.54 TVD
14292.00	88.26	151.00	6571.21	-6021.75	5920.05	8444.42	Survey @ 14292.00 MD 6571.21 TVD



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**WELLER LEASE
WELL 2HM
587.936± ACRES**



- NOTES**
1. BORE PATH BASED ON GRID NORTH.
 2. NO WATER WELLS WITHIN 250' OF WELL WERE FOUND. NO DWELLINGS WITHIN 625' OF PAD CENTER WERE FOUND.
 3. OWNERSHIP TAKEN FROM PUBLIC RECORDS OF MARSHALL COUNTY, WV IN MARCH, 2017. COORDINATES AND WELL TIES BASED UPON DIFFERENTIAL GPS MEASUREMENTS.
 4. WELL LOCATION REFERENCES ARE BASED UPON THE MAGNETIC MERIDIAN.

- ASDRILLED LEG**
PERMITTED LEG
- (+) DENOTES LOCATION ON UNITED STATES TOPOGRAPHIC MAPS
- SURFACE HOLE**
UTM. NAD83, ZONE 17 IN METERS
N) 4,398,622.59
E) 516,597.17
- LANDING POINT 1**
UTM. NAD83, ZONE 17 IN METERS
N) 4,398,605.65
E) 517,347.00
- BOTTOM HOLE**
UTM. NAD83, ZONE 17 IN METERS
N) 4,396,787.16
E) 518,401.61

FILE NUMBER _____

DRAWING NUMBER WELLER_WP_2HM

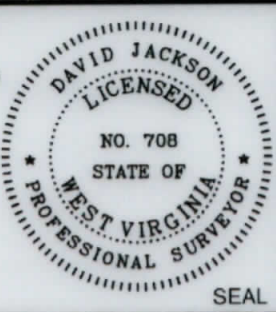
SCALE 1" = 2000'

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 ___ SHALLOW X

LOCATION ELEVATION 1272.4' WATERSHED (HUC 10) French Creek - Ohio River

DISTRICT Franklin COUNTY Marshall

QUADRANGLE New Martinsville 7 1/2' LEASE NUMBER SEE WW-6A1 Royalty Owners

SURFACE OWNER Ula F. Nelson ACREAGE 70.0

OIL & GAS ROYALTY OWNER Ula F. Nelson - See WW-6A1 Royalty Owners LEASE ACREAGE 70.0

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

TARGET FORMATION MARCELLUS ESTIMATED DEPTH TVD: 6,570.42' TMD: 14,479'

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

COUNTY NAME
PERMIT

WELL OPERATOR **TUG HILL OPERATING, LLC**
 ADDRESS 1320 SOUTH UNIVERSITY DRIVE, SUITE 500
 FORT WORTH, TX 76107

DESIGNATED AGENT **DIANNA STAMPER**
 CT CORPORATION SYSTEM
 ADDRESS 5400 D BIG TYLER ROAD
 CHARLESTON, WV 25313

ESTIMATED DEPTH **TVD: 6,570.45', TMD: 14,479'**
 PERMIT **AS-DRILLED**
 PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___
 OIL & GAS ROYALTY OWNER **Ula F. Nelson - See WW-6A1 Royalty Owners** LEASE ACREAGE **70.0**
 SURFACE OWNER **Ula F. Nelson** ACREAGE **70.0**

QUADRANGLE **New Martinsville 7 1/2'** LEASE NUMBER **SEE WW-6A1 Royalty Owners** COUNTY **Marshall**

LOCATION ELEVATION **1272.4'** WATERSHED (HUC 10) **French Creek - Ohio River**
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
 WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___

API WELL NO. **47-051-02035** STATE COUNTY **PERMIT**

OPERATORS WELL NO. **WELLER SHM** DATE: **April 9, 2020**

TARGET FORMATION **MARCELLUS**
 CLEAN OUT & REPLUG ___
 PLUG & ABANDON ___

PROVEN SOURCE **GRADE GPS**
 OF ELEVATION **SUBMETER MAPPING**
 OF ACCURACY **1/200**
 MINIMUM DEGREE
 SCALE **1" = 2000'**
 DRAWING NUMBER **WELLER_WP_SHM**
 FILE NUMBER

JACKSON SURVEYING INC.
 P.O. Box 1400
 Clarkburg, WV 25025
 304-623-9881

David Jackson
 DAVID JACKSON
 LICENSED
 NO. 708
 STATE OF
 WEST VIRGINIA
 PROFESSIONAL SURVEYOR

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

NUMBER	CHORD DIRECTION	RADIUS	ARC LENGTH	CHORD LENGTH
C1	S 82.09° E	24.70	10.70	10.82
C2	N 84.11° E	64.12	18.82	18.92
C3	S 77.29° E	280.28	241.02	237.04
G1	S 44.33° E	652.88	230.97	228.88
G2	S 33.25° E	1,522.28	574.31	573.78

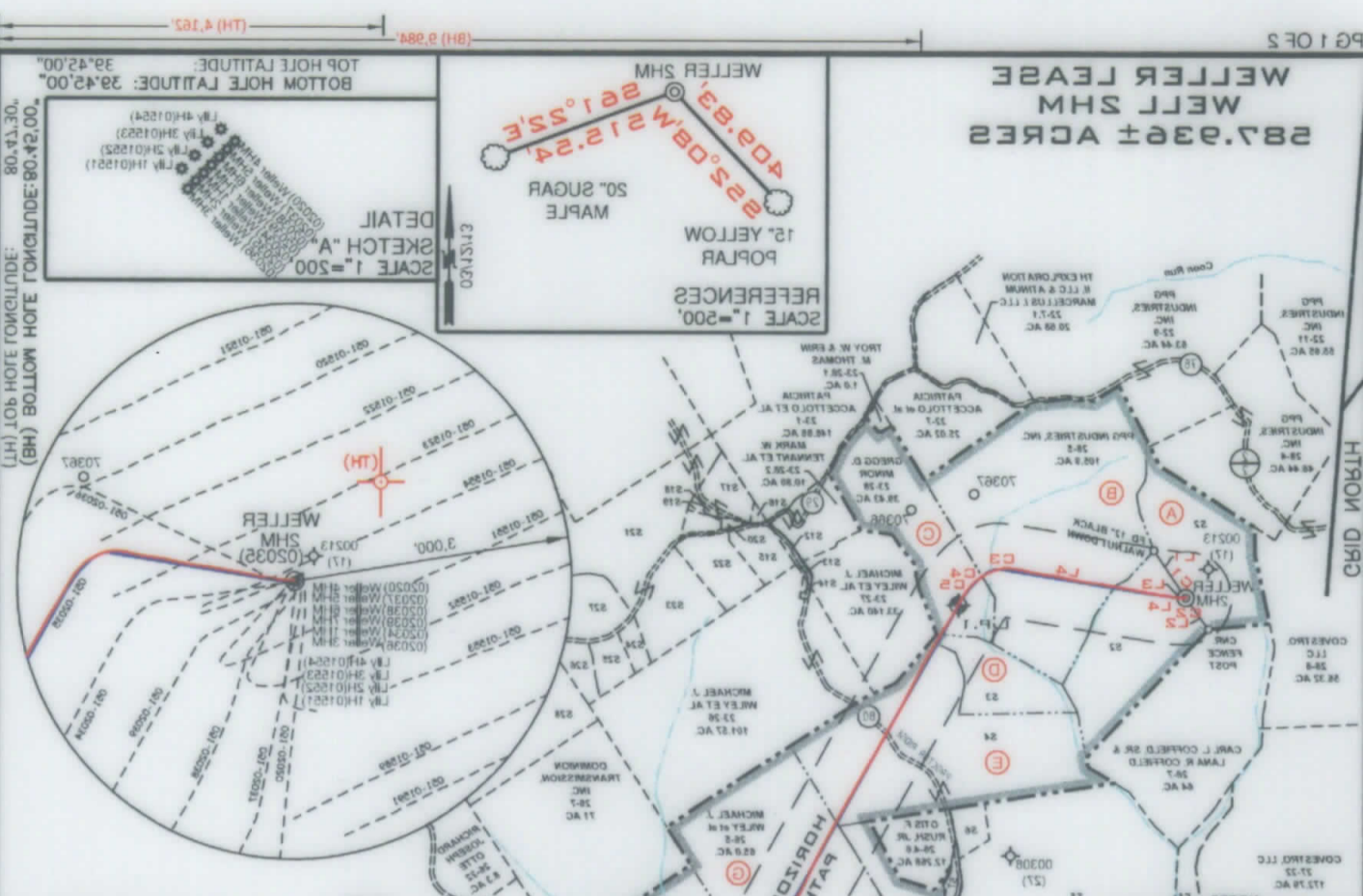
LEGEND
 LEASE # (SEE 6A1 FORM)
 UNIT BOUNDARY
 WELL LATERAL
 200' WELL BORE OFFSET
 DRILLED LATERAL
 PERMITTED OR SURFACE TRACTS
 LEASED TRACTS

NOTES
 1. BORE PATH BASED ON GRID NORTH
 2. NO WATER WELLS WITHIN 250' OF WELL WERE FOUND OR DOWELLINGS WITHIN 650' OF PAD CENTER WERE FOUND.
 3. OWNERSHIP TAKEN FROM PUBLIC RECORDS OF MARSHALL COUNTY, WV IN MARCH 2017.
 4. WELL LOCATION REFERENCES BASED UPON DIFFERENTIAL GPS MEASUREMENTS.
 5. COORDINATES AND WELL TIES

LINE	BEARING	DISTANCE
L1	N 32.44° E	612.67
L2	S 28.21° W	417.73
L3	N 87.21° E	29.72
L4	N 82.20° E	120.22
L5	N 80.00° E	1,628.00

TOPOGRAPHIC MAPS ON UNITED STATES (+) DENOTES LOCATION

ASDRILLED LEG
 PERMITTED LEG



**WELLER LEASE
WELL N-2HM
587.936± ACRES**

Number	TAX MAP-PARCEL	SURFACE OWNERS	ACRES
S1	27-23	ROBERT F. ROTH LISBERGER	35.77
S2	28-6	ULA F. NELSON	70.00
S3	26-1	EDWIN BOOTH ANDERSON & MARK W. ANDERSON	12.94
S4	26-2	EDWIN BOOTH ANDERSON & MARK W. ANDERSON	67.50
S5	26-4.5	ERIC JAY BOOTH	74.388
S6	26-4	JAMES R. & MELODY A. ANDERSON	3.887
S7	26-4.2	OTIS S. & GLENDA RUSH	1.58
S8	26-4.1	OTIS S. RUSH ET UX.	12.188
S9	26-4.3	CRYSTAL & RANDOPH F. MATASK	2.253
S10	26-4.4	OTIS F. & GLENDA M. RUSH	39.436
S11	26-18	ERIC JAY BOOTH	94.00
S12	23-23	MICHAEL J. WILEY ET AL	1.00
S13	23-24	MICHAEL J. WILEY ET AL	0.25
S14	23-25	ARTHUR A. WILEY	0.43
S15	23-22	DANIEL D. RHYAND & LAUREL R. GREENE	6.25
S16	23-29	JAMES WILEY	0.25
S17	23-18.1	MARK A. YOHO	7.80
S18	23-20	CHRISTIAN CHURCH	0.20
S19	23-19	DOTY CEMETERY	1.00
S20	23-21	MARK A. YOHO & MARK E. YOHO	0.588
S21	23-18	ABE J. HOCHSTETLER	35.38
S22	23-17.1	CURTIS E. HALL, ET UX	10.051
S23	23-17.2	DICK JR. & CAROL J. ROWAN	14.920
S24	23-17.4	TAMMY D. MEADOWS	2.605
S25	23-17	TAMMY & THOMAS E. BROWN	4.62
S26	23-17.3	WILLIAM & KATHERINE FLEWELLING	5.018
S27	23-16	ROY FRIEND YOHO SR.	18.03
S28	23-14	DOMINION TRANSMISSION INC.	59.50
S29	26-23	RICHARD JOSEPH OTTE	11.34
S30	26-09	THERESA A. WALTON, TRUSTEE OF ROBERT D. & BONNIE L. OLIVER TRUST	21.75
S31	26-10	THERESA A. WALTON, TRUSTEE OF ROBERT D. & BONNIE L. OLIVER TRUST	24.94
S32	26-14	THERESA A. WALTON, TRUSTEE OF ROBERT D. & BONNIE L. OLIVER TRUST	27.56
S33	26-15	THERESA A. WALTON, TRUSTEE OF ROBERT D. & BONNIE L. OLIVER TRUST	69.00
S34	2-4	EDITH SALEM & LISA G. LARSON	56.25
S35	2-4.1	TYRONE SULTZBACH & RICHARD WOLF	1.00

SURFACE HOLE
UTM. NAD83, ZONE 17
IN METERS
N) 4,398,622.55
E) 516,597.23

LANDING POINT 1
UTM. NAD83, ZONE 17
IN METERS
N) 4,398,610.60
E) 517,344.59

BOTTOM HOLE
UTM. NAD83, ZONE 17
IN METERS
N) 4,396,784.16
E) 518,399.09



P.S.
708

David L Jackson



**TUG HILL
OPERATING**

OPERATOR'S
API #: 47-051-02035
WELL #: Weller 2HM
DISTRICT: Franklin
COUNTY: Marshall
STATE: WV

WELL PLAT
PAGE 2 OF 2
DATE: 04/09/2020