

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

RECEIVED
Office of Oil and Gas

AUG 30 2017

WV Department of
Environmental Protection

API 47-049-02281 County Marion District Mannington
Quad Glover Gap Pad Name Wright Field/Pool Name _____
Farm name Jackie & Sheila Radcliffe Well Number Wright 1H
Operator (as registered with the OOG) EQT Production
Address 625 Liberty Avenue City Pittsburgh State PA Zip 15222

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 4,382,195.962 Easting 548,259.421
Landing Point of Curve Northing 4,382,162.099 Easting 548,407.004
Bottom Hole Northing 4,383,739.473 Easting 548,110.933

Elevation (ft) 1,490 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)
Synthetic Base Drilling Mud with Barite, Calcium Carbonate, Calcium Chloride, Hydrated Lime, Cedar Fiber, Bentonite, Soda Ash, Lignite
Aluminum Sterate, Citric Acide, Sodium Bicarbonate, Glycerine, Desco, Caustic Soda, Synvert Synthetic 11-L

Date permit issued 05/07/2014 Date drilling commenced 10/3/2014 Date drilling ceased 11/4/2015
Date completion activities began Not Yet Completed Date completion activities ceased Not Yet Completed
Verbal plugging (Y/N) _____ Date permission granted _____ Granted by _____

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

Freshwater depth(s) ft 60, 150' Open mine(s) (Y/N) depths No
Salt water depth(s) ft 1,525' Void(s) encountered (Y/N) depths No
Coal depth(s) ft 1,200' Cavern(s) encountered (Y/N) depths No
Is coal being mined in area (Y/N) N

Reviewed by: _____

Reviewed

*SDW
8/22/19 Well not complete*

API 47-049 - 02281

Farm name Jackie & Sheila Radcliffe

Well number Wright 1H

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	26"	20"	120'	NEW	J-55 94#	N/A	Y
Surface	17-1/2"	13-3/8"	1,235'	NEW	J-55 54.5#	N/A	Y
Coal							
Intermediate 1	12-1/4"	9-5/8"	2,950'	NEW	J-55 36#	N/A	Y
Intermediate 2							
Intermediate 3							
Production	8-3/4"	5-1/2"	13,634'	NEW	P-110 20#	N/A	Y
Tubing							
Packer type and depth set							

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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	Type 1	140	15.2	1.30	180.6	Surface	24+
Surface	Type 1	947	15.6	1.18	1,117.4	Surface	23.5
Coal							
Intermediate 1	Type 1	950	15.6	1.25	1,190.4	Surface	30.25
Intermediate 2							
Intermediate 3							
Production	Class H POZ/Class H	1,376/1,582	14.0/15.6	1.39/1.18	3,750.82	Surface	72+
Tubing							

Drillers TD (ft) 13,677'

Loggers TD (ft) N/A

Deepest formation penetrated Marcellus

Plug back to (ft) N/A

Plug back procedure _____

Kick off depth (ft) 4,485'

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 _____

13-3/8" Fresh Water - 1 Centralizer every 160'

9-5/8" Fresh Water - 1 Bowspring Centralizer every 100' / 2,950' T/900'

5-1/2" Fresh Water - 1 Solid Body Centralizer every 80' from 13,634' T/7,000'

WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS NOT YET COMPLETED

WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS NOT YET COMPLETED

WERE TRACERS USED Yes No TYPE OF TRACER(S) USED NOT YET COMPLETED

API 47-049 - 02281 Farm name Jackie & Sheila Radcliffe Well number Wright 1H

PERFORATION RECORD

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

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)

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Please insert additional pages as applicable.

API 47- 049 - 02281

Farm name Jackie & Sheila Radcliffe

Well number Wright 1H

PRODUCING FORMATION(S)

DEPTHS

	TVD	MD
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

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

OPEN FLOW Gas _____ mcfpd Oil _____ bpd NGL _____ bpd Water _____ 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	
	0		0		

Please insert additional pages as applicable.

Drilling Contractor Helmerich & Payne, Inc (Rig 285)

Address 912 N Eagle Valley Road City Howard State PA Zip 16841

RECEIVED
Office of Oil and Gas

Logging Company Baker Hughes

Address 400 Technology Drive - Suite 100 City Canonsburg State PA Zip 15317

AUG 30 2017

Cementing Company Baker Hughes

Address 400 Technology Drive - Suite 100 City Canonsburg State PA Zip 15317

WV Department of
Environmental Protection

Stimulating Company _____

Address _____ City _____ State _____ Zip _____

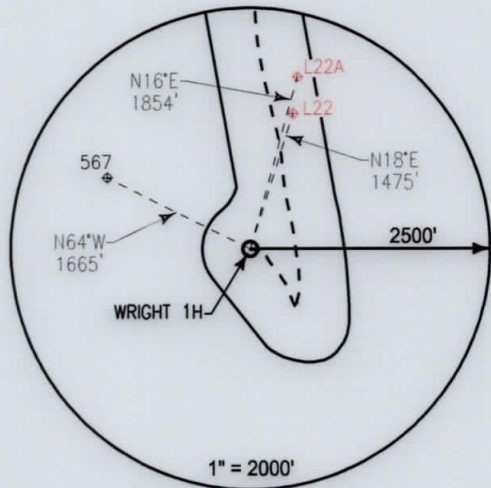
Please insert additional pages as applicable.

Completed by Brad Muddy Telephone 412-395-7653
Signature [Signature] Title Director of Drilling Date 8/2/17

Submittal of Hydraulic Fracturing Chemical Disclosure Information Attach copy of FRACFOCUS Registry

**Wright 1H
Wright
EQT Production Company**

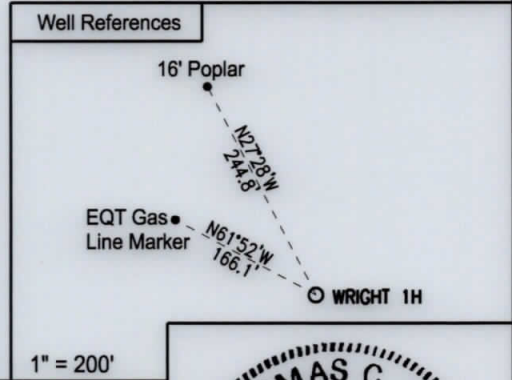
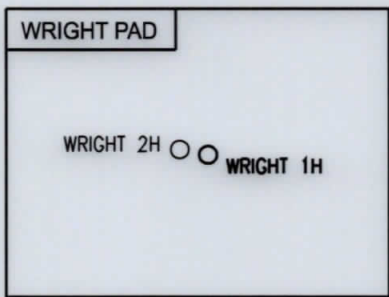
Tract ID	Tax Map No.	Parcel No.	County	District	Surface Tract Owner	Acres
1	40	3	Marion	Mannington	Dale G. OR Theresa D. Stout	99.75
2	26	16	Marion	Mannington	Jason G. & Michelle R. Stout	48.12
3	39	2	Marion	Mannington	Winford H. & Lula B. Knight	43.39
4	40	2.1	Marion	Mannington	Dale G. & Theresa D. Stout & C/O Jason G. & Heather R. Stout	29.58
5	39	4	Marion	Mannington	Coastal Lumber CO & C/O CFRC	245.72
6	39	4.1	Marion	Mannington	Thomas R. & Joann McSorley	14.9
7	40	2.2	Marion	Mannington	James W. OR Jonella D. Boore	29.52
8	40	23	Marion	Mannington	Hilda L. Sweeney	26.41
9	40	11	Marion	Mannington	Clarence W. Sweeney	63
10	40	2	Marion	Mannington	Winford H. & Lula B. Knight	56.23
11	40	10.1	Marion	Mannington	Jackie D. & Sheila L. Radcliff	48.08
12	40	10	Marion	Mannington	Shelly L. Nelson & Sandor A. Frecska	43.03
13	40	14	Marion	Mannington	Sandor A. Frecska	51
14	40	15	Marion	Mannington	George Guido	48.19
15	40	9	Marion	Mannington	Karl A. Gouzd	35.32
16	40	4	Marion	Mannington	Henry E., Michael & Nicole Deem	21
17	40	5	Marion	Mannington	Henry E., Michael & Nicole Deem	25
18	40	7	Marion	Mannington	Kenneth D. & Cynthia Jo Knight	51
19	40	8	Marion	Mannington	Mary Jane VW Vangilder	30.15
20	40	6	Marion	Mannington	Henry E., Michael & Nicole Deem	64
21	25	37	Marion	Mannington	Escar J. & Patricia C. Jones	162
22	25	35	Marion	Mannington	Jeffrey L. & Michelle R. Pethel	42
23	25	34	Marion	Mannington	Jeffrey L. & Michelle R. Pethel	24.75
24	25	39	Marion	Mannington	James R. Batson	50
25	26	14	Marion	Mannington	N/A	N/A
26	26	15	Marion	Mannington	John A. Barnes	91.9
27	26	12	Marion	Mannington	James R. Batson	152.25
28	26	17	Marion	Mannington	Robert L. & Faye H. Jones & (DB 919-719)	57
29	39	15	Marion	Mannington	Robert L. Jones	7.5
30	39	3	Marion	Mannington	Robert L. & Nora F. Jones	10.25
31	39	5	Marion	Mannington	Robert L. & Nora F. Jones	61.85
32	38	21.3	Marion	Mannington	David Mafield	37.29
33	38	21	Marion	Mannington	Dennis G. & Louise M. Hayes	74.88
34	38	1	Marion	Mannington	Casey B. & Jennifer J. Allender	37.25
35	44	11	Marion	Mannington	Charles D. & June Shaver	57.75
36	44	14	Marion	Mannington	Charles D. & June Shaver	22.77
37	40	22	Marion	Mannington	James & Natalie Kerns	113.25
38	40	18	Marion	Mannington	Nimrod Cole & C/O David Schleper	92.12
39	40	12	Marion	Mannington	Jackie D. & Sheila L. Radcliff	27.35
40	40	13	Marion	Mannington	Sandor A. Frecska	19.75
41	40	17	Marion	Mannington	Harry W. Herzberger Jr.	109
42	40	16	Marion	Mannington	Parrish Guido	29
43	41	9	Marion	Mannington	Mary J. Fanok	81.75
44	19	21	Wetzel	Church	Ruth Loraine Koontz ET AL	208.6
45	N/A	N/A	N/A	N/A	N/A	N/A



Notes:
WRIGHT 1H As-Built coordinates are
 NAD 27 N: 397,669.910 E: 1,735,594.270
 NAD 27 Lat: 39.588045 Long: -80.438192
 NAD 83 UTM N: 4,382,195.962 E: 548,259.421
WRIGHT 1H As-Built Landing Point coordinates are
 NAD 27 N: 397,616.340 E: 1,736,077.790
 NAD 27 Lat: 39.587912 Long: -80.436474
 NAD 83 UTM N: 4,382,182.099 E: 548,407.004
WRIGHT 1H As-Built Bottom Hole coordinates are
 NAD 27 N: 402,742.890 E: 1,735,191.370
 NAD 27 Lat: 39.601960 Long: -80.439809
 NAD 83 UTM N: 4,383,739.473 E: 548,110.933
 West Virginia Coordinates system of 1927 (North Zone)
 based upon Differential GPS Measurements
 Plat orientation, Corner and well ties are based upon
 the grid north meridian
 Well location references are based upon the grid north
 meridian.
 UTM coordinates are NAD83, Zone 17, Meters.

LEGEND

- ⊕ Active Well Location
- Proposed Gas Well
- Located Corner, as noted
- Surface Tract Lines
- - - - - Reference Line
- ===== Lease Boundary
- ~~~~~ Creek or Drain
- ⊙ WV County Route
- ⊠ WV State Route



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 regulations issued and prescribed by the Department of Environmental Protection.

Thomas C. Smit
 L. L. S. 687

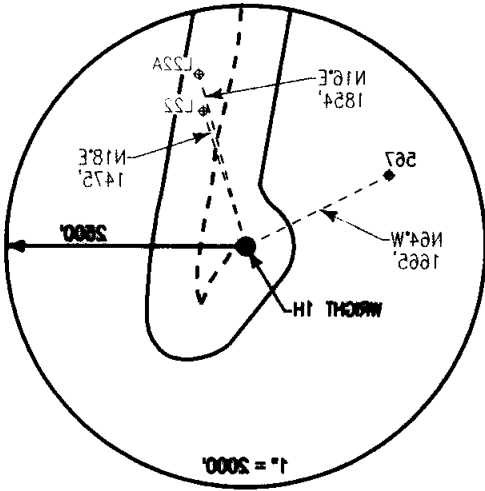


FILE NO: _____
 DRAWING NO: _____
 SCALE: 1" = 1000'
 MINIMUM DEGREE OF ACCURACY: 1:2500
 PROVEN SOURCE OF ELEVATION: NGS CORS Station

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
 OIL AND GAS DIVISION

DATE: AUGUST 29 20 17
 OPERATORS WELL NO: WRIGHT 1H
 API WELL NO
 47 - 049 - 02281
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
 LOCATION ELEVATION: 1527' WATERSHED: BARTHOLOMEW FORK QUADRANGLE: GLOVER GAP
 DISTRICT: Mannington COUNTY: Marion
 SURFACE OWNER: Dale G. OR Theresa D. Stout ACREAGE: 99.75 ±
 ROYALTY OWNER: Billy C. Haught & Betty A. Haught LEASE NO: 871462 ACREAGE: 1090 ±
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus ESTIMATED DEPTH: 7,200'
 WELL OPERATOR: EQT Production Company DESIGNATED AGENT: Rex C. Ray
 ADDRESS: 115 Professional Place PO Box 280 ADDRESS: 115 Professional Place PO Box 280
 Bridgeport, WV 26330 Bridgeport, WV 26330



Well ID	Well Name	County	District	Surface Owner	Lease No.	Acres	Depth
42	Wright 1H	WV	Manhattan	Wright 1H	1882	1.00	1000
43	Wright 2H	WV	Manhattan	Wright 2H	1882	1.00	1000
44	Wright 3H	WV	Manhattan	Wright 3H	1882	1.00	1000
45	Wright 4H	WV	Manhattan	Wright 4H	1882	1.00	1000
46	Wright 5H	WV	Manhattan	Wright 5H	1882	1.00	1000
47	Wright 6H	WV	Manhattan	Wright 6H	1882	1.00	1000
48	Wright 7H	WV	Manhattan	Wright 7H	1882	1.00	1000
49	Wright 8H	WV	Manhattan	Wright 8H	1882	1.00	1000
50	Wright 9H	WV	Manhattan	Wright 9H	1882	1.00	1000
51	Wright 10H	WV	Manhattan	Wright 10H	1882	1.00	1000
52	Wright 11H	WV	Manhattan	Wright 11H	1882	1.00	1000
53	Wright 12H	WV	Manhattan	Wright 12H	1882	1.00	1000
54	Wright 13H	WV	Manhattan	Wright 13H	1882	1.00	1000
55	Wright 14H	WV	Manhattan	Wright 14H	1882	1.00	1000
56	Wright 15H	WV	Manhattan	Wright 15H	1882	1.00	1000
57	Wright 16H	WV	Manhattan	Wright 16H	1882	1.00	1000
58	Wright 17H	WV	Manhattan	Wright 17H	1882	1.00	1000
59	Wright 18H	WV	Manhattan	Wright 18H	1882	1.00	1000
60	Wright 19H	WV	Manhattan	Wright 19H	1882	1.00	1000
61	Wright 20H	WV	Manhattan	Wright 20H	1882	1.00	1000
62	Wright 21H	WV	Manhattan	Wright 21H	1882	1.00	1000
63	Wright 22H	WV	Manhattan	Wright 22H	1882	1.00	1000
64	Wright 23H	WV	Manhattan	Wright 23H	1882	1.00	1000
65	Wright 24H	WV	Manhattan	Wright 24H	1882	1.00	1000
66	Wright 25H	WV	Manhattan	Wright 25H	1882	1.00	1000
67	Wright 26H	WV	Manhattan	Wright 26H	1882	1.00	1000
68	Wright 27H	WV	Manhattan	Wright 27H	1882	1.00	1000
69	Wright 28H	WV	Manhattan	Wright 28H	1882	1.00	1000
70	Wright 29H	WV	Manhattan	Wright 29H	1882	1.00	1000
71	Wright 30H	WV	Manhattan	Wright 30H	1882	1.00	1000
72	Wright 31H	WV	Manhattan	Wright 31H	1882	1.00	1000
73	Wright 32H	WV	Manhattan	Wright 32H	1882	1.00	1000
74	Wright 33H	WV	Manhattan	Wright 33H	1882	1.00	1000
75	Wright 34H	WV	Manhattan	Wright 34H	1882	1.00	1000
76	Wright 35H	WV	Manhattan	Wright 35H	1882	1.00	1000
77	Wright 36H	WV	Manhattan	Wright 36H	1882	1.00	1000
78	Wright 37H	WV	Manhattan	Wright 37H	1882	1.00	1000
79	Wright 38H	WV	Manhattan	Wright 38H	1882	1.00	1000
80	Wright 39H	WV	Manhattan	Wright 39H	1882	1.00	1000
81	Wright 40H	WV	Manhattan	Wright 40H	1882	1.00	1000
82	Wright 41H	WV	Manhattan	Wright 41H	1882	1.00	1000
83	Wright 42H	WV	Manhattan	Wright 42H	1882	1.00	1000
84	Wright 43H	WV	Manhattan	Wright 43H	1882	1.00	1000
85	Wright 44H	WV	Manhattan	Wright 44H	1882	1.00	1000
86	Wright 45H	WV	Manhattan	Wright 45H	1882	1.00	1000
87	Wright 46H	WV	Manhattan	Wright 46H	1882	1.00	1000
88	Wright 47H	WV	Manhattan	Wright 47H	1882	1.00	1000
89	Wright 48H	WV	Manhattan	Wright 48H	1882	1.00	1000
90	Wright 49H	WV	Manhattan	Wright 49H	1882	1.00	1000
91	Wright 50H	WV	Manhattan	Wright 50H	1882	1.00	1000
92	Wright 51H	WV	Manhattan	Wright 51H	1882	1.00	1000
93	Wright 52H	WV	Manhattan	Wright 52H	1882	1.00	1000
94	Wright 53H	WV	Manhattan	Wright 53H	1882	1.00	1000
95	Wright 54H	WV	Manhattan	Wright 54H	1882	1.00	1000
96	Wright 55H	WV	Manhattan	Wright 55H	1882	1.00	1000
97	Wright 56H	WV	Manhattan	Wright 56H	1882	1.00	1000
98	Wright 57H	WV	Manhattan	Wright 57H	1882	1.00	1000
99	Wright 58H	WV	Manhattan	Wright 58H	1882	1.00	1000
100	Wright 59H	WV	Manhattan	Wright 59H	1882	1.00	1000
101	Wright 60H	WV	Manhattan	Wright 60H	1882	1.00	1000
102	Wright 61H	WV	Manhattan	Wright 61H	1882	1.00	1000
103	Wright 62H	WV	Manhattan	Wright 62H	1882	1.00	1000
104	Wright 63H	WV	Manhattan	Wright 63H	1882	1.00	1000
105	Wright 64H	WV	Manhattan	Wright 64H	1882	1.00	1000
106	Wright 65H	WV	Manhattan	Wright 65H	1882	1.00	1000
107	Wright 66H	WV	Manhattan	Wright 66H	1882	1.00	1000
108	Wright 67H	WV	Manhattan	Wright 67H	1882	1.00	1000
109	Wright 68H	WV	Manhattan	Wright 68H	1882	1.00	1000
110	Wright 69H	WV	Manhattan	Wright 69H	1882	1.00	1000
111	Wright 70H	WV	Manhattan	Wright 70H	1882	1.00	1000
112	Wright 71H	WV	Manhattan	Wright 71H	1882	1.00	1000
113	Wright 72H	WV	Manhattan	Wright 72H	1882	1.00	1000
114	Wright 73H	WV	Manhattan	Wright 73H	1882	1.00	1000
115	Wright 74H	WV	Manhattan	Wright 74H	1882	1.00	1000
116	Wright 75H	WV	Manhattan	Wright 75H	1882	1.00	1000
117	Wright 76H	WV	Manhattan	Wright 76H	1882	1.00	1000
118	Wright 77H	WV	Manhattan	Wright 77H	1882	1.00	1000
119	Wright 78H	WV	Manhattan	Wright 78H	1882	1.00	1000
120	Wright 79H	WV	Manhattan	Wright 79H	1882	1.00	1000
121	Wright 80H	WV	Manhattan	Wright 80H	1882	1.00	1000
122	Wright 81H	WV	Manhattan	Wright 81H	1882	1.00	1000
123	Wright 82H	WV	Manhattan	Wright 82H	1882	1.00	1000
124	Wright 83H	WV	Manhattan	Wright 83H	1882	1.00	1000
125	Wright 84H	WV	Manhattan	Wright 84H	1882	1.00	1000
126	Wright 85H	WV	Manhattan	Wright 85H	1882	1.00	1000
127	Wright 86H	WV	Manhattan	Wright 86H	1882	1.00	1000
128	Wright 87H	WV	Manhattan	Wright 87H	1882	1.00	1000
129	Wright 88H	WV	Manhattan	Wright 88H	1882	1.00	1000
130	Wright 89H	WV	Manhattan	Wright 89H	1882	1.00	1000
131	Wright 90H	WV	Manhattan	Wright 90H	1882	1.00	1000
132	Wright 91H	WV	Manhattan	Wright 91H	1882	1.00	1000
133	Wright 92H	WV	Manhattan	Wright 92H	1882	1.00	1000
134	Wright 93H	WV	Manhattan	Wright 93H	1882	1.00	1000
135	Wright 94H	WV	Manhattan	Wright 94H	1882	1.00	1000
136	Wright 95H	WV	Manhattan	Wright 95H	1882	1.00	1000
137	Wright 96H	WV	Manhattan	Wright 96H	1882	1.00	1000
138	Wright 97H	WV	Manhattan	Wright 97H	1882	1.00	1000
139	Wright 98H	WV	Manhattan	Wright 98H	1882	1.00	1000
140	Wright 99H	WV	Manhattan	Wright 99H	1882	1.00	1000
141	Wright 100H	WV	Manhattan	Wright 100H	1882	1.00	1000

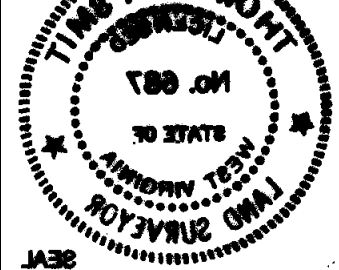
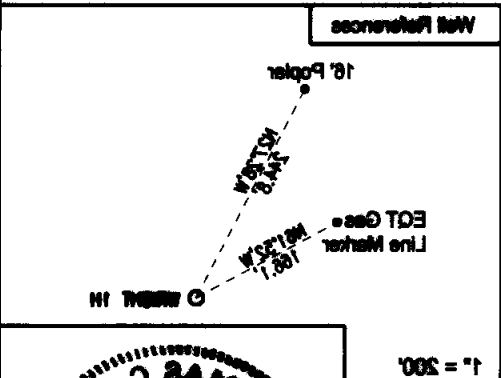
UTM coordinates are NAD83, Zone 17, Meter.
 Well location references are based upon the grid north
 and grid north magnetic
 Flat orientation. Corner and well locations are based upon
 based upon Ellipsoid GPS measurements
 West Virginia Coordinate system of 1987 (North Zone)

Wright 1H
 NAD 83 UTM N: 4285, 185,089 E: 248,481,004
 NAD 83 Loc: 3889712 Long: -80.488714
 NAD 83 N: 381,848.940 E: 1,788,877,780

Wright 2H
 NAD 83 UTM N: 4285, 185,089 E: 248,481,004
 NAD 83 Loc: 3889712 Long: -80.488714
 NAD 83 N: 381,848.940 E: 1,788,877,780

Wright 3H
 NAD 83 UTM N: 4285, 185,089 E: 248,481,004
 NAD 83 Loc: 3889712 Long: -80.488714
 NAD 83 N: 381,848.940 E: 1,788,877,780

Wright 4H
 NAD 83 UTM N: 4285, 185,089 E: 248,481,004
 NAD 83 Loc: 3889712 Long: -80.488714
 NAD 83 N: 381,848.940 E: 1,788,877,780

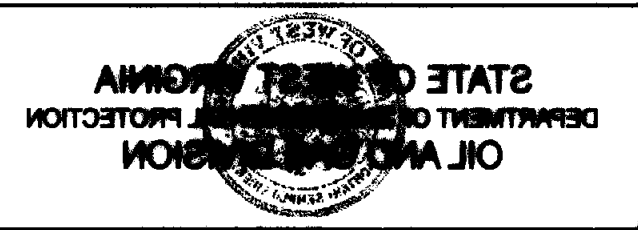


I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Department of Environmental Protection.

Thomas C. Smith
 T. C. Smith
 L. L. S. 687



STATE PERMIT 05281
 COUNTY 048
 API WELL NO.
 OPERATORS WELL NO: WRIGHT 1H
 DATE: AUGUST 28 20 17



PROVEN SOURCE OF ELEVATION: 1882
 MINIMUM DEGREE OF ACCURACY: 1:2500
 SCALE: 1" = 1000'
 DRAWING NO: 1882
 FILE NO:

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL

(IF GAS PRODUCTION) STORAGE DEEP SHALLOW

LOCATION ELEVATION: 1882 WATERSHED: BATHOLOMEW FORK QUADRANGLE: GLOVER GAP

DISTRICT: Manhattan COUNTY: Mahon

SURFACE OWNER: Dale G. Or Thomas D. Stout
 ROYALTY OWNER: Bill C. Huggins & Bill A. Huggins
 LEASE NO: 871482 ACRES: 1.00 ±

PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION

PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)
 TARGET FORMATION: Manassas ESTIMATED DEPTH: 7,300'

PLUG AND ABANDON CLEAN OUT AND REPLUG

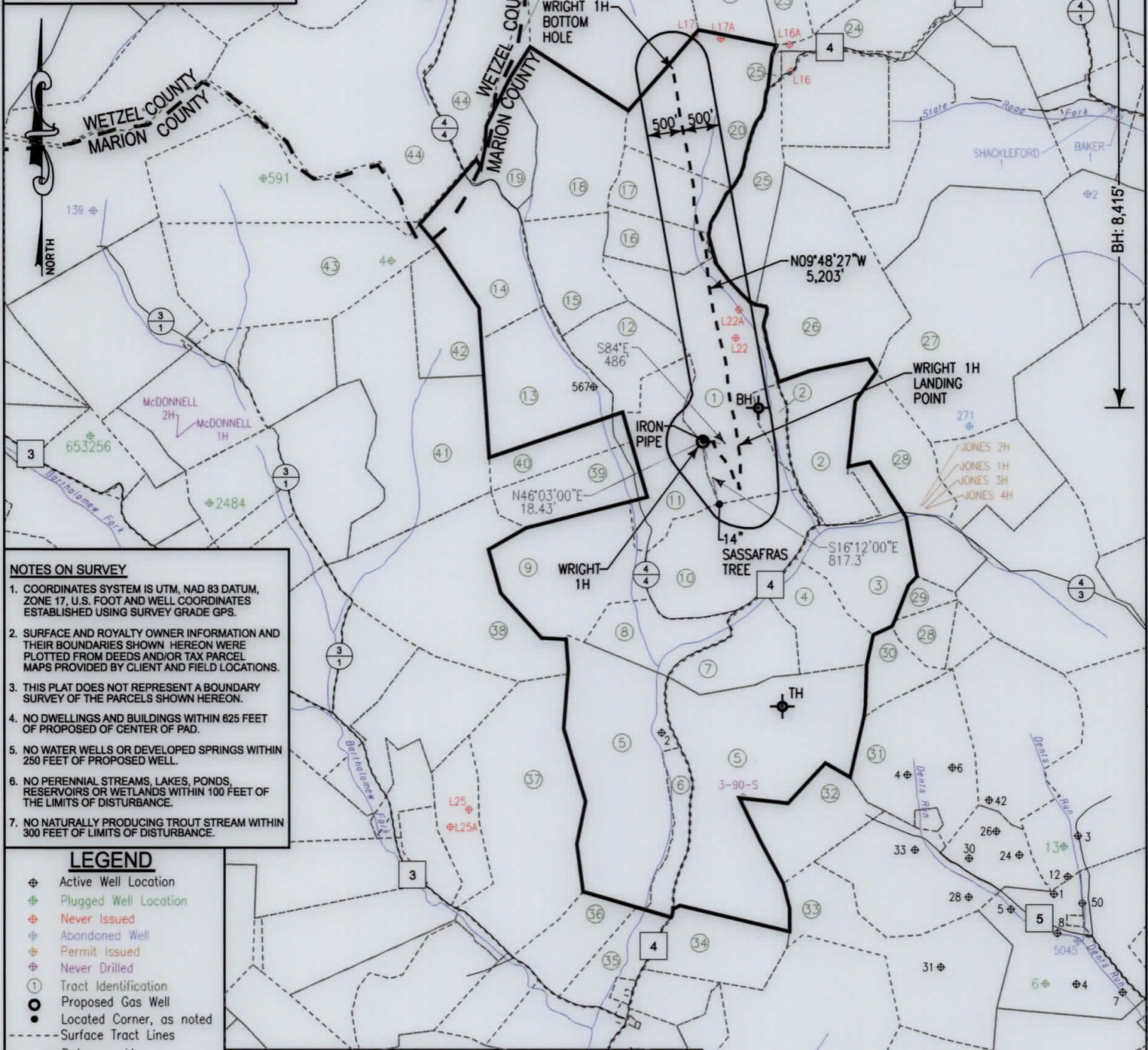
WELL OPERATOR: EQT Production Company ADDRESS: 118 Professional Place PO Box 280 Bhdgeport, WV 28330

DESIGNATED AGENT: Rex C. Ray ADDRESS: 118 Professional Place PO Box 280 Bhdgeport, WV 28330

LATITUDE 39° 37' 00"

TH: 6,065'

**Wright 1H
Wright
EQT Production Company**



NOTES ON SURVEY

- COORDINATES SYSTEM IS UTM, NAD 83 DATUM, ZONE 17, U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS.
- SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND FIELD LOCATIONS.
- THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
- NO DWELLINGS AND BUILDINGS WITHIN 625 FEET OF PROPOSED OF CENTER OF PAD.
- NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250 FEET OF PROPOSED WELL.
- NO PERENNIAL STREAMS, LAKES, PONDS, RESERVOIRS OR WETLANDS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
- NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF LIMITS OF DISTURBANCE.

LEGEND

- ⊕ Active Well Location
- ⊕ Plugged Well Location
- ⊕ Never Issued
- ⊕ Abandoned Well
- ⊕ Permit Issued
- ⊕ Never Drilled
- ① Tract Identification
- Proposed Gas Well
- Located Corner, as noted
- - - Surface Tract Lines
- - - Reference Line
- - - Lease Boundary
- - - Creek or Drain
- Ⓢ WV County Route
- Ⓡ WV State Route

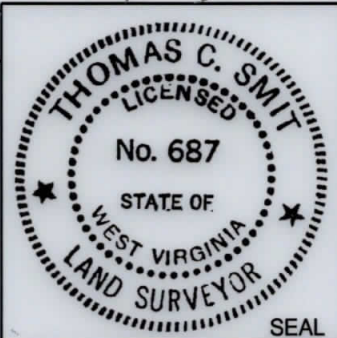
Tract ID.	Acres	Owner
1	1090	Billy C. Haught & Betty A. Haught

(⊕) Denotes Location of Well on United States Topographic Maps



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 regulations issued and prescribed by the Department of Environmental Protection.

Thomas C. Smit
L. L. S. 687

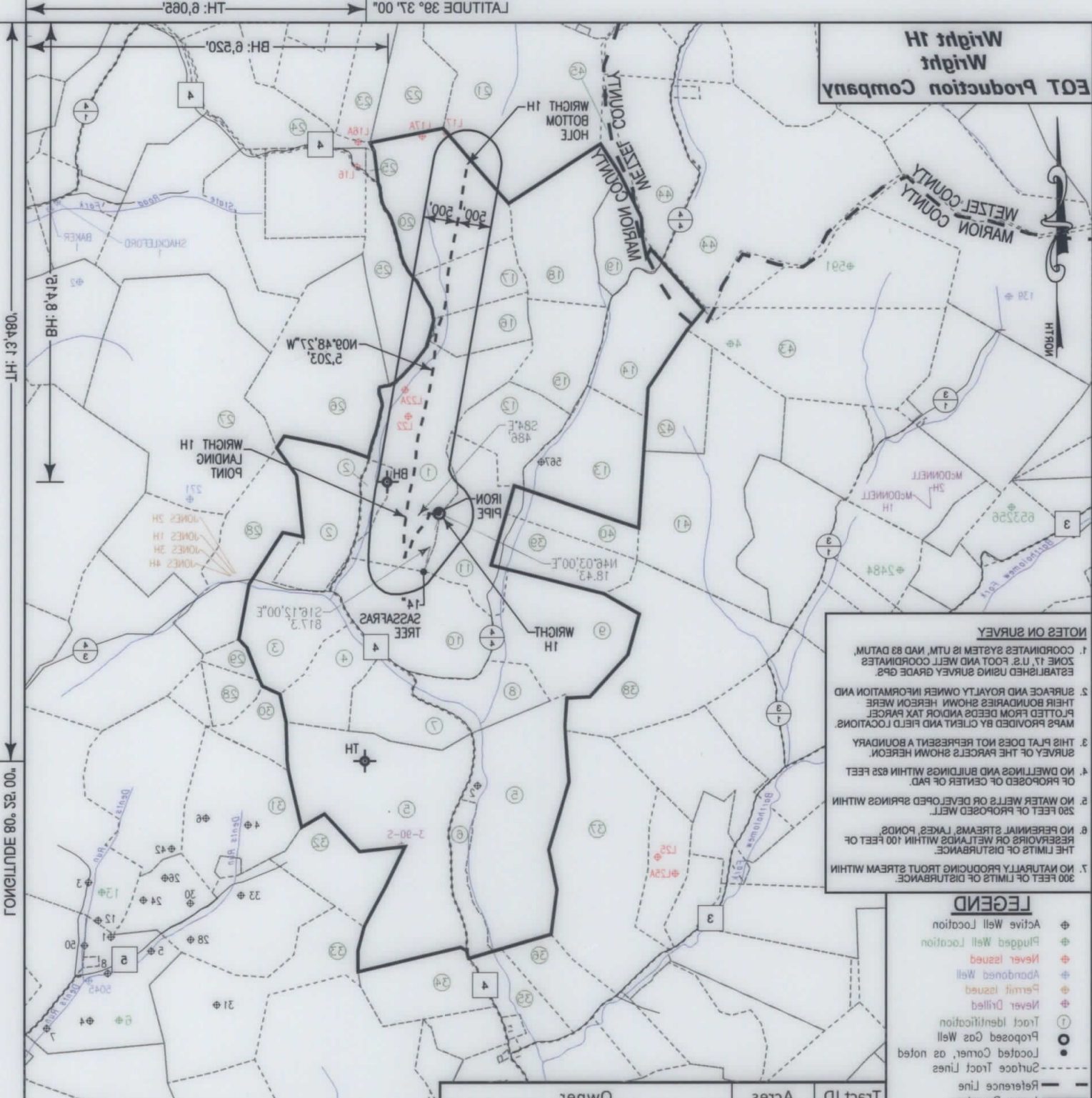


FILE NO: _____
 DRAWING NO: _____
 SCALE: 1" = 2000'
 MINIMUM DEGREE OF ACCURACY: 1:2500
 PROVEN SOURCE OF ELEVATION: SG-GPS (OPUS)

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: AUGUST 29 20 17
 OPERATORS WELL NO: WRIGHT 1H
API WELL NO
 47 - 049 - 02281
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
 LOCATION ELEVATION: 1527' WATERSHED: BARTHOLOMEW FORK QUADRANGLE: GLOVER GAP
 DISTRICT: Mannington COUNTY: Marion
 SURFACE OWNER: Dale G. OR Theresa D. Stout ACREAGE: 99.75 ±
 ROYALTY OWNER: Billy C. Haught & Betty A. Haught LEASE NO: 871462 ACREAGE: 1090 ±
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus ESTIMATED DEPTH: 7,200'
 WELL OPERATOR: EQT Production Company DESIGNATED AGENT: Rex C. Ray
 ADDRESS: 115 Professional Place PO Box 280 ADDRESS: 115 Professional Place PO Box 280
 Bridgeport, WV 26330 Bridgeport, WV 26330



EQT Production Company
Wright
Wright 1H

NOTES ON SURVEY

- COORDINATES SYSTEM IS UTM, NAD 83 DATUM. ZONE 17 U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS.
- SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND FIELD LOCATIONS.
- THIS PLAN DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
- NO DWELLINGS AND BUILDINGS WITHIN 825 FEET OF PROPOSED OR CENTER OF PAD.
- NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250 FEET OF PROPOSED WELL.
- NO PERENNIAL STREAMS, LAKES, PONDS, RESERVOIRS OR WETLANDS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
- NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF LIMITS OF DISTURBANCE.

LEGEND

- Active Well Location
- Plugged Well Location
- Never Issued
- Abandoned Well
- Permit Issued
- Never Drilled
- Tract Identification
- Proposed Gas Well
- Located Corner, as noted
- Surface Tract Lines
- Reference Line
- Lease Boundary
- Creek or Drain
- WV County Route
- WV State Route

Traffic ID.	Acreage	Owner
1	1090	Billy C. Haight & Betty A. Haight

(*) Denotes Location of Well on United States Topographic Maps



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 regulations issued and prescribed by the Department of Environmental Protection.

Thomas C. Smith
L.L.S. 687



FILE NO: _____
DRAWING NO: _____
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: 1:2500
PROVEN SOURCE OF ELEVATION: SG-GPS (OPUS)

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

STATE PERMIT _____
COUNTY PERMIT _____
API WELL NO _____
OPERATORS WELL NO: WRIGHT 1H
DATE: AUGUST 29 20 17

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL

(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW

LOCATION ELEVATION: 1527' WATERSHED: BARTHOLOMEW FORK QUADRANGLE: GLOVER GAP

DISTRICT: Mannington COUNTY: Marion

SURFACE OWNER: Dale G. OR Theresa D. Stout
ROYALTY OWNER: Billy C. Haight & Betty A. Haight
LEASE NO: 871462 ACERAGE: 1090 ±
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus ESTIMATED DEPTH: 7200'

WELL OPERATOR: EQT Production Company DESIGNATED AGENT: Rex C. Ray
ADDRESS: 115 Professional Place PO Box 280 ADDRESS: 115 Professional Place PO Box 280
Bridgeport, WV 26330 Bridgeport, WV 26330