

Well Operator's Report of Well Work



Well Number: Haggard 10H (L003871)

API: 47 - 103 - 03529

Submission: Initial Amended

Notes: Original

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

API 47 - 103 - 03529 County Wetzel District Center
Quad Littleton Pad Name Haggard Field/Pool Name N/A
Farm name Amie Lee Henderson Well Number Haggard 10H (L003871)
Operator (as registered with the OOG) EQT Production Company
Address 400 Woodcliff Drive 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 4,389,463.724 Easting 532,593.162
Landing Point of Curve Northing 4,389,339.775 Easting 532,630.117
Bottom Hole Northing 4,384,627.897 Easting 535,059.901

Elevation (ft) 1519' 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 Oil Based Mud 13.53 ppg barium sulfate, sodium chloride, xanthan gum, polyanionic cellulose, modified starch, sodium hydroxide, phosphonates and alkyl phosphates, glutaraldehyde solution, calcium hydroxide, partially hydrolyzed polyacrylamide/polyacrylate, potassium chloride, sodium carbonate, ground walnut shells, alcohol and modified fatty acid, ferrochrome lignosulfonate, calcium carbonate, fibrous cellulose

Date permit issued 10/31/2022 Date drilling commenced 03/29/2023 Date drilling ceased 11/15/2023
Date completion activities began 01/08/2024 Date completion activities ceased 04/10/2024
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 437 Open mine(s) (Y/N) depths N
Salt water depth(s) ft 2187 Void(s) encountered (Y/N) depths N
Coal depth(s) ft 1307,1429 Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

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API 47- 103 - 03529 Farm name Amie Lee Henderson Well number Haggard 10H (L003871)

CASING STRINGS	Hole Size	Casing Size	Depth (GL)	New or Used	Grade wt/ft	Basket Depth(s) (GL)	Did cement circulate (Y/N) * Provide details below*
Conductor	30"	26"	40'	NEW	A-500 85.6#	N/A	Y
Surface	17-1/2"	13-3/8"	1462'	NEW	J-55 54.5#	N/A	Y
Coal							
Intermediate 1	12-1/4"	9-5/8"	2919'	NEW	J-55 36#	N/A	Y
Intermediate 2							
Intermediate 3							
Production	8-3/4", 8-1/2"	6"	25,492'	NEW	P-110 24#	N/A	N
Tubing							
Packer type and depth set							

Comment Details Production Cement job has a calculated TOC of 1034' GL, which is greater than 500' TVD above the producing formation. No issues during cement job.

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft ³ /sks)	Volume (ft ³)	Cement Top (GL)	WOC (hrs)
Conductor	CLASS A	83	15.6	1.18	98	0	8+
Surface	CLASS L	1255	16.0	1.09	1368	0	8
Coal							
Intermediate 1	CLASS L	1025	15.6	1.14	1168	0	8
Intermediate 2							
Intermediate 3							
Production	CLASS A	4210	15.0	1.19	5010	1034'	8+
Tubing							

Drillers TD (ft) 25,515' Loggers TD (ft) N/A
 Deepest formation penetrated MARCELLUS Plug back to (ft) N/A
 Plug back procedure _____

Kick off depth (ft) 4,021'

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 _____
 CONDUCTOR- NONE _____
 SURFACE- ON SHOE TRACK AND EVERY 500' TO SURFACE _____
 INTERMEDIATE: ON SHOE TRACK AND EVERY 500' FEET TO SURFACE _____
 PRODUCTION: ON SHOE TRACK AND EVERY OTHER JOINT TO 8027' AND EVERY JOINT TO 2179' _____

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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Drilling Contractor Falcon (Rig 25)
Address 1120 US-119 City Indiana State PA Zip 15701

Logging Company Scientific Drilling International
Address 124 Vista Drive City Charleroi State PA Zip 15022

Logging Company GyroData
Address 73 Noblestown Road City Carnegie State PA Zip 15106

Drilling Contractor _____
Address _____ City _____ State _____ Zip _____

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Well # HAGGARD 10H (L003871) Final Formations API# 47-103-03529				
Formation Name	Drill Top MD (ftGRD)	Drill Top (TVD) (ftGRD)	Drill Btm MD (ftGRD)	Drill Btm (TVD) (ftGRD)
Sand/Shale	1	1	1,307	1,307
Sewickley Coal	1,307	1,307	1,310	1,310
Sand/Shale	1,310	1,310	1,429	1,429
Pittsburgh Coal	1,429	1,429	1,438	1,438
Sand/Shale	1,438	1,438	2,771	2,771
Big Injun	2,771	2,771	2,896	2,896
Sand/Shale	2,896	2,896	3,045	3,045
Berea	3,045	3,045	3,286	3,286
Sand/Shale	3,286	3,286	3,404	3,404
Gantz	3,404	3,404	3,537	3,537
Sand/Shale	3,537	3,537	3,559	3,559
Fifty foot	3,559	3,559	3,597	3,597
Sand/Shale	3,597	3,597	3,643	3,643
Thirty foot	3,643	3,643	3,664	3,664
Sand/Shale	3,664	3,664	3,711	3,711
Bayard	3,711	3,711	3,803	3,803
Sand/Shale	3,803	3,803	4,155	4,155
Upper Speechley	4,155	4,155	4,216	4,216
Speechley	4,216	4,216	4,300	4,299
Balltown	4,300	4,299	4,630	4,627
Bradford	4,630	4,627	5,773	5,762
Benson	5,773	5,762	6,110	6,097
Alexander	6,110	6,097	6,569	6,553
Elk	6,569	6,553	7,299	7,270
Sonyea	7,299	7,270	7,438	7,388
Middlesex	7,438	7,388	7,480	7,420
Genesee	7,480	7,420	7,566	7,480
Geneseo	7,566	7,480	7,604	7,504
Tully	7,604	7,504	7,633	7,521
Hamilton	7,633	7,521	7,893	7,622
Marcellus	7,893	7,622	25,515	7,666

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Perforation Data

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Stage No.	Perforation Date	Stage Perforated From TMD Ft.	Stage Perforated To TMD Ft.	# of Perforations/Stage	Formation(s)
2	02/22/2024	25405	25244	36	Marcellus
3	02/22/2024	25225	25064	36	Marcellus
4	02/22/2024	25045	24884	36	Marcellus
5	02/22/2024	24865	24684	40	Marcellus
6	02/23/2024	24665	24484	40	Marcellus
7	02/23/2024	24465	24284	40	Marcellus
8	02/23/2024	24265	24084	40	Marcellus
9	02/23/2024	24065	23884	40	Marcellus
10	02/24/2024	23865	23684	40	Marcellus
11	02/24/2024	23665	23484	40	Marcellus
12	02/24/2024	23465	23284	40	Marcellus
13	02/24/2024	23265	23084	40	Marcellus
14	02/25/2024	23065	22884	40	Marcellus
15	02/25/2024	22865	22684	40	Marcellus
16	02/25/2024	22665	22484	40	Marcellus
17	02/25/2024	22465	22284	40	Marcellus
18	02/26/2024	22265	22084	40	Marcellus
19	02/26/2024	22065	21884	40	Marcellus
20	02/27/2024	21865	21684	40	Marcellus
21	02/27/2024	21665	21484	40	Marcellus
22	02/28/2024	21465	21284	40	Marcellus
23	02/28/2024	21265	21084	40	Marcellus
24	02/28/2024	21065	20884	40	Marcellus
25	02/29/2024	20865	20684	40	Marcellus
26	02/29/2024	20665	20484	40	Marcellus
27	02/29/2024	20465	20284	40	Marcellus
28	03/01/2024	20265	20084	40	Marcellus
29	03/01/2024	20065	19884	40	Marcellus
30	03/01/2024	19865	19684	40	Marcellus
31	03/02/2024	19665	19484	40	Marcellus
32	03/02/2024	19465	19284	40	Marcellus
33	03/02/2024	19265	19084	40	Marcellus
34	03/02/2024	19065	18884	40	Marcellus
35	03/03/2024	18865	18684	40	Marcellus
36	03/03/2024	18665	18484	40	Marcellus
37	03/03/2024	18465	18284	40	Marcellus
38	03/03/2024	18265	18084	40	Marcellus
39	03/04/2024	18065	17884	40	Marcellus
40	03/04/2024	17865	17684	40	Marcellus
41	03/04/2024	17665	17484	40	Marcellus
42	03/05/2024	17465	17284	40	Marcellus
43	03/05/2024	17265	17084	40	Marcellus
44	03/06/2024	17065	16884	40	Marcellus

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45	03/06/2024	16865	16684	40	Marcellus
46	03/06/2024	16665	16484	40	Marcellus
47	03/06/2024	16465	16284	40	Marcellus
48	03/07/2024	16265	16084	40	Marcellus
49	03/07/2024	16065	15884	40	Marcellus
50	03/07/2024	15865	15684	40	Marcellus
51	03/08/2024	15665	15484	40	Marcellus
52	03/08/2024	15465	15284	40	Marcellus
53	03/09/2024	15265	15084	40	Marcellus
54	03/09/2024	15065	14884	40	Marcellus
55	03/09/2024	14865	14684	40	Marcellus
56	03/09/2024	14665	14484	40	Marcellus
57	03/10/2024	14465	14284	40	Marcellus
58	03/10/2024	14265	14084	40	Marcellus
59	03/10/2024	14065	13884	40	Marcellus
60	03/10/2024	13865	13684	40	Marcellus
61	03/11/2024	13665	13484	40	Marcellus
62	03/11/2024	13465	13284	40	Marcellus
63	03/11/2024	13265	13084	40	Marcellus
64	03/11/2024	13065	12884	40	Marcellus
65	03/12/2024	12865	12684	40	Marcellus
66	03/12/2024	12665	12484	40	Marcellus
67	03/12/2024	12465	12284	40	Marcellus
68	03/13/2024	12265	12084	40	Marcellus
69	03/13/2024	12065	11884	40	Marcellus
70	03/13/2024	11865	11684	40	Marcellus
71	03/13/2024	11665	11484	40	Marcellus
72	03/13/2024	11465	11284	40	Marcellus
73	03/14/2024	11265	11084	40	Marcellus
74	03/14/2024	11065	10884	40	Marcellus
75	03/15/2024	10865	10684	40	Marcellus
76	03/15/2024	10665	10484	40	Marcellus
77	03/15/2024	10465	10284	40	Marcellus
78	03/16/2024	10265	10084	40	Marcellus
79	03/16/2024	10065	9884	40	Marcellus
80	03/16/2024	9865	9684	40	Marcellus
81	03/16/2024	9665	9484	40	Marcellus
82	03/17/2024	9465	9284	40	Marcellus
83	03/17/2024	9265	9084	40	Marcellus
84	03/17/2024	9065	8884	40	Marcellus
85	03/17/2024	8865	8684	40	Marcellus
86	03/18/2024	8665	8484	40	Marcellus
87	03/18/2024	8465	8284	40	Marcellus
88	03/18/2024	8265	8084	40	Marcellus
89	03/18/2024	8065	7924	32	Marcellus

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Stimulation Data

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Stage #	Stimulation 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)
1	02/22/2024	95	8861	7160	4013	176408	3916	
2	02/22/2024	100	8777	7191	4674	396041	9361	
3	02/22/2024	100	8567	6142	4909	396061	9403	
4	02/23/2024	100	8946	6820	4965	396002	9338	
5	02/23/2024	100	8793	6764	5505	440011	10279	
6	02/23/2024	100	8681	6541	4833	440112	10224	
7	02/23/2024	100	8707	6143	4969	440057	10259	
8	02/24/2024	100	8831	6571	3076	440156	10243	
9	02/24/2024	100	8750	6132	4894	439986	10221	
10	02/24/2024	100	8689	5916	4741	440083	10213	
11	02/24/2024	100	8883	6555	5327	440183	10252	
12	02/25/2024	100	8866	6252	4750	440018	10235	
13	02/25/2024	100	8875	6617	4866	440040	10198	
14	02/25/2024	99	8871	6558	4672	440094	10197	
15	02/25/2024	98	8937	6385	4723	440112	10198	
16	02/26/2024	99	8948	6595	4658	440028	10185	
17	02/26/2024	99	8870	6402	4703	440119	10175	
18	02/26/2024	100	8758	6572	4959	440046	10165	
19	02/27/2024	100	8776	6387	4909	439974	10138	
20	02/28/2024	99	8978	5902	4496	440024	10128	
21	02/28/2024	99	9006	7103	4740	439967	10126	
22	02/28/2024	100	8861	6069	4855	440077	10165	
23	02/28/2024	98	8687	6654	4671	440241	10153	
24	02/29/2024	99	9064	7623	4668	440012	10122	
25	02/29/2024	100	8692	5974	2746	440142	10079	
26	02/29/2024	100	9118	6211	2887	439975	10142	
27	03/01/2024	100	9068	7110	2759	441899	10122	
28	03/01/2024	100	8519	6230	4894	440109	10096	
29	03/02/2024	100	9077	6975	2893	440021	10091	
30	03/02/2024	100	9045	6193	3071	439986	10121	
31	03/02/2024	100	8691	6263	3242	440071	10062	
32	03/02/2024	100	8962	6355	3084	440099	10056	
33	03/03/2024	100	8993	6490	4314	440020	10057	
34	03/03/2024	100	8963	6204	4355	439952	10029	
35	03/03/2024	100	8501	6179	2863	440093	10019	
36	03/04/2024	100	8873	6174	4180	440022	10007	
37	03/04/2024	100	8969	6686	4544	440009	10098	
38	03/04/2024	100	8785	6926	2879	440091	10013	
39	03/04/2024	100	8433	6793	3142	440079	10015	
40	03/05/2024	98	8950	5762	4356	439994	9992	
41	03/05/2024	100	8874	6311	4431	440092	9982	
42	03/06/2024	100	8859	6707	4329	439949	9975	
43	03/06/2024	100	8746	6050	4296	440040	9962	

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44	03/06/2024	98	8708	6211	4354	439862	9944
45	03/06/2024	98	8582	6439	4538	440066	9960
46	03/07/2024	94	8533	6316	4529	440068	9970
47	03/07/2024	95	8275	6475	4558	438726	10173
48	03/07/2024	100	8711	6737	4945	440230	9946
49	03/08/2024	100	8655	6972	4747	440375	9942
50	03/08/2024	100	8561	6800	4429	439986	9914
51	03/09/2024	100	8398	6592	4967	440228	10053
52	03/09/2024	100	8461	6349	4625	440245	9890
53	03/09/2024	98	8320	6711	4609	439965	9891
54	03/09/2024	98	8461	6637	4866	439956	9897
55	03/10/2024	98	8250	6414	5043	440151	9881
56	03/10/2024	98	8242	6607	4628	440127	9888
57	03/10/2024	98	8410	6548	4446	440043	9869
58	03/10/2024	100	8446	6459	4693	440013	9865
59	03/10/2024	100	8401	6438	4520	440221	9875
60	03/11/2024	100	8413	6778	4538	440027	9862
61	03/11/2024	100	8261	6623	4522	439988	9843
62	03/11/2024	100	8251	6796	4649	440121	9838
63	03/12/2024	100	8262	6687	4826	440197	9845
64	03/13/2024	98	8286	6749	4448	440082	9818
65	03/12/2024	99	8172	6751	4672	439931	9809
66	03/12/2024	100	8381	6551	4441	440148	9817
67	03/13/2024	100	8128	6484	4652	440252	9793
68	03/13/2024	100	8489	6389	4583	440014	9791
69	03/13/2024	98	8164	6643	4807	439985	9773
70	03/13/2024	98	8088	6486	4575	439931	9764
71	03/14/2024	100	8290	6909	4543	440276	9778
72	03/14/2024	100	8131	6541	4493	440207	9771
73	03/15/2024	77	8857	9469	4368	439979	12834
74	03/15/2024	100	8343	7519	4630	440093	9789
75	03/15/2024	99	8579	8129	4426	440131	9745
76	03/16/2024	100	8250	6683	4399	440254	9739
77	03/16/2024	84	8965	7072	4314	440149	9738
78	03/16/2024	100	8180	6559	4450	440105	9737
79	03/16/2024	100	8184	7183	4408	440071	9713
80	03/16/2024	100	8123	6772	4253	440169	9710
81	03/17/2024	98	8309	6906	3193	440299	9716
82	03/17/2024	99	8310	7198	4237	440267	9722
83	03/17/2024	99	8277	7161	4726	440041	9792
84	03/17/2024	98	8123	7059	4524	440177	9689
85	03/18/2024	88	8843	6769	4614	440259	9677
86	03/18/2024	100	8199	6837	4329	440226	9667
87	03/18/2024	100	7894	6983	4528	440188	9670
88	03/18/2024	100	7700	6499	4516	440101	9654
89	03/19/2024	93	8317	6877	4368	352130	7756

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Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	01/08/2024
Job End Date:	03/20/2024
State:	West Virginia
County:	Wetzel
API Number:	47-103-03529-00-00
Operator Name:	EQT Production
Well Name and Number:	Haggard 10H
Latitude:	39.654351
Longitude:	-80.620076
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	7695
Total Base Water Volume (gal)*:	36944040
Total Base Non Water Volume:	0



Water Source	Percent
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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	EQT	Carrier/Base Fluid					
			Water	7732-18-5	100.00000	88.71438	None
Sand (Proppant)	EQT	Proppant					
			Silica Substrate	14808-60-7	100.00000	11.13168	None
Clearal 268	ChemStream	Biocide					
			Non-hazardous substances	Proprietary	80.00000	0.00899	None
StimSTREAM FR 9800	ChemStream	Friction Reducer					
			Copolymer of 2-propenamide	Proprietary	30.00000	0.00916	None
StimSTREAM SC-398	ChemStream	Scale Inhibitor					
			Non-hazardous substances	Proprietary	90.00000	0.00768	None
StimSTREAM	ChemStream	Friction					

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FR 9800		Reducer					
			Petroleum Distillate	64742-47-8	20.00000	0.00396	None
Enviro-Syn HCR-7000-WL	Fluid Energy Group Ltd.	Synthetic Acid					
			Proprietary	Proprietary	20.00000	0.00126	None
Clearal 268	ChemStream	Biocide					
			Glutaraldehyde	111-30-8	20.00000	0.00056	None
Enviro-Syn HCR-7000-WL	Fluid Energy Group Ltd.	Synthetic Acid					
			Proprietary	Proprietary	10.00000	0.00032	None
StimSTREAM SC-398	ChemStream	Scale Inhibitor					
			Bis(HexaMethylene Triamine Penta(Methylene Phosphonic Acid) (BHMT)	34690-00-1	10.00000	0.00010	None
StimSTREAM FR 9800	ChemStream	Friction Reducer					
			Oleic Acid Diethanolamide	93-83-4	2.00000	0.00004	None
StimSTREAM FR 9800	ChemStream	Friction Reducer					
			Alcohols, C12-16, ethoxylated	68551-12-2	2.00000	0.00004	None
Clearal 268	ChemStream	Biocide					
			Didecyl dimethyl ammonium chloride	7173-51-5	3.00000	0.00001	None
Clearal 268	ChemStream	Biocide					
			Quaternary Ammonium Compounds	68424-85-1	3.00000	0.00001	None
StimSTREAM FR 9800	ChemStream	Friction Reducer					
			Ammonium chloride ((NH4)Cl)	12125-02-9	1.00000	0.00001	None
Clearal 268	ChemStream	Biocide					
			Ethanol	64-17-5	1.50000	0.00000	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

* Total Water Volume sources may include various types of water including fresh water, produced water, and 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.

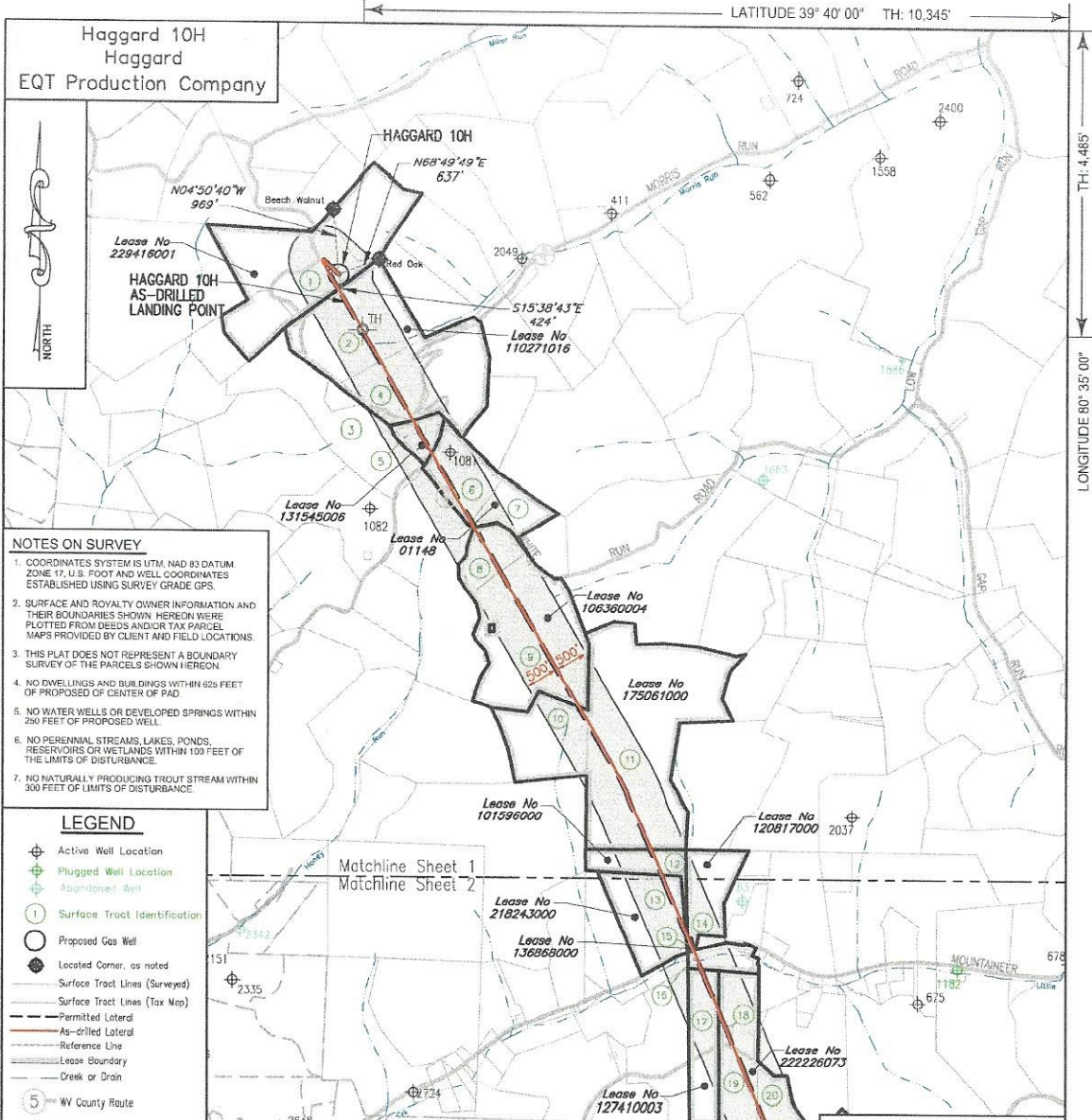
Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)

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Department of
Environmental Protection

08/16/2024



- NOTES ON SURVEY**
1. COORDINATES SYSTEM IS UTM, NAD 83 DATUM ZONE 17, U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS.
 2. 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.
 3. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
 4. NO DWELLINGS AND BUILDINGS WITHIN 625 FEET OF PROPOSED OF PAD.
 5. NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 200 FEET OF PROPOSED WELL.
 6. NO PERENNIAL STREAMS, LAKES, PONDS, RESERVOIRS OR WETLANDS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
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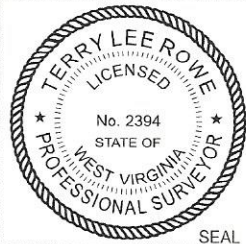
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 - Abandoned Well
 - Surface Tract Identification
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 - Surface Tract Lines (Tax Map)
 - Permitted Lateral
 - As-Drilled Lateral
 - Reference Line
 - Lease Boundary
 - Creek or Drain
 - WV County Route
 - 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.

L. L. S. 2394

L. L. S. 2394



FILE NO:
DRAWING NO:
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: 1:2500
PROVEN SOURCE OF ELEVATION: NGS CORS Station



DATE: NOVEMBER 20 20 23
OPERATORS WELL NO: Haggard 10H
API WELL NO
47 - 103 - 03529
STATE COUNTY PERMIT

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

LOCATION ELEVATION: 1519' WATERSHED: LOWER WEST VIRGINIA FORK FISH CREEK QUADRANGLE: LITTLETON
DISTRICT: Center COUNTY: Wetzel

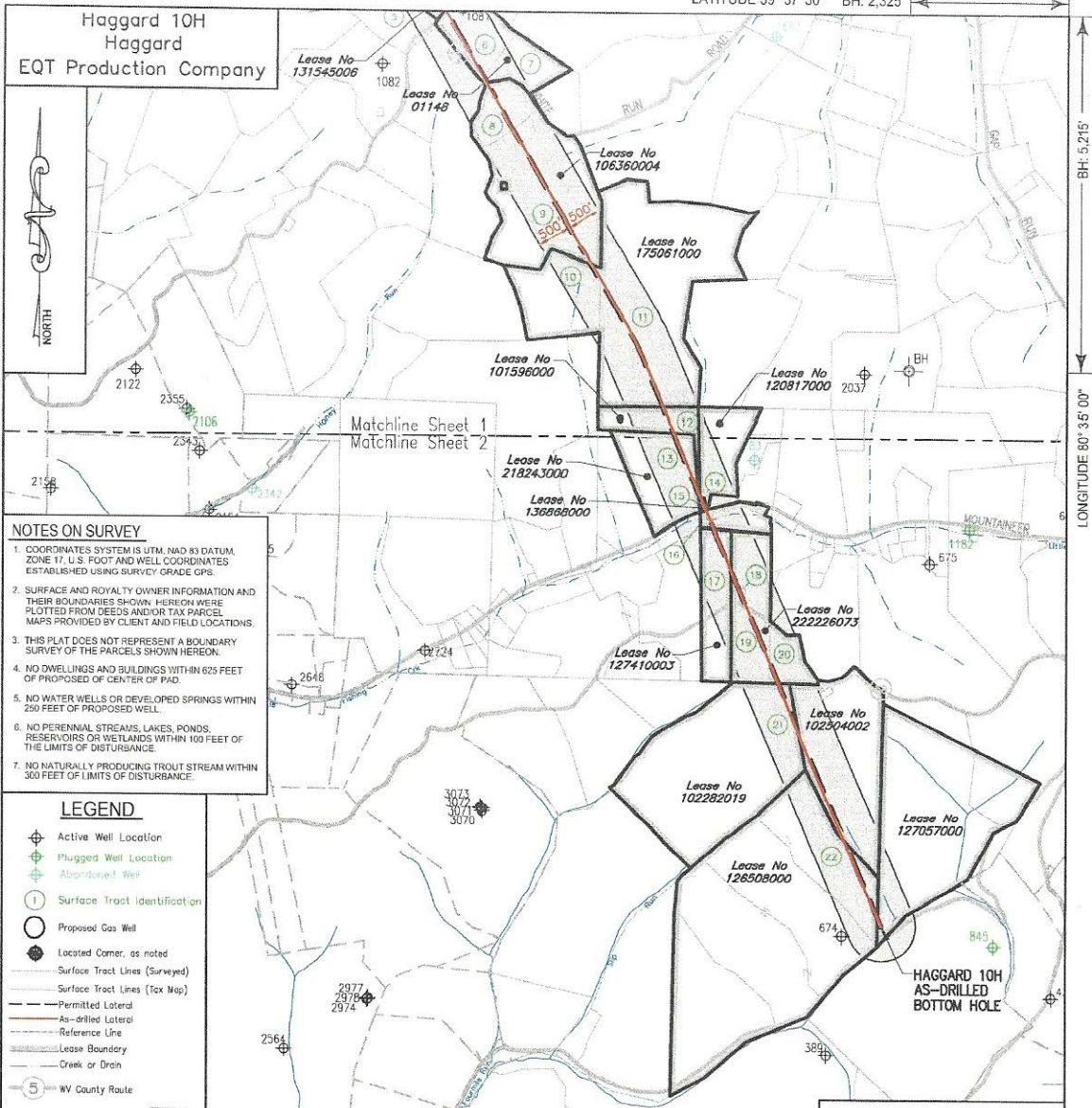
SURFACE OWNER: Amie Lee Henderson ACREAGE: 45.5 ±
ROYALTY OWNER: Blackrock Enterprises LLC, et al. LEASE NO: 229416001 ACREAGE: 84.94 ±

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: 7,614'

WELL OPERATOR: EQT Production Company DESIGNATED AGENT: Joseph C Mallow
ADDRESS: 400 Woodcliff Drive ADDRESS: 427 Midstate Drive
Canonsburg, PA 15317 Clarksburg, WV 26301

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Office of Oil and Gas
JUL 08 2024
WV Department of
Environmental Protection

AS 08/16/2024



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LEGEND

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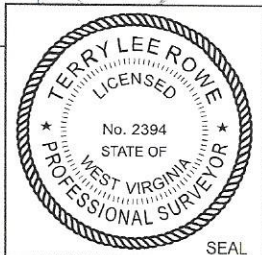
(- φ -) Denotes Location of Well on United States Topographic Maps



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L. L. S. 2394

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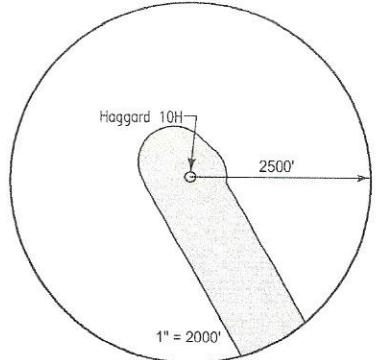
STATE OF WEST VIRGINIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
 OIL AND GAS DIVISION

DATE: NOVEMBER 20 20 23
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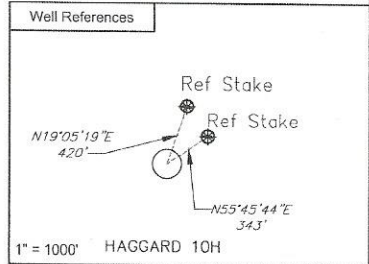
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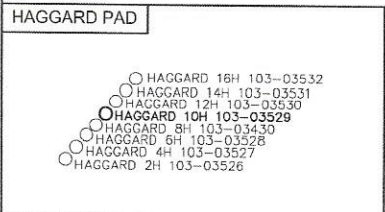
Haggard 10H Haggard EQT Production Company						
Tract ID.	Tax Map No.	Parcel No.	County	District	Surface Tract Owner	Acres
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4	10	53.0	Wetzel	Center	Rusty Lee Morris	22.02
5	10	52.1	Wetzel	Center	Rusty Lee Morris	3.48
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13	14	52.0	Wetzel	Center	Lonnie H. Kirkpatrick Jr. ET AL	29.52
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16	15	50.0	Wetzel	Center	Church of Christ	0.39
17	2	1.0	Wetzel	Grant	George HRS. & Robert L. Yoho	47.49
18	19	1.1	Wetzel	Center	Cross Yoho Cemetery	0.43
19	19	1.0	Wetzel	Center	Michael Corey Dulaney	44.57
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22	3	5.0	Wetzel	Grant	Coastal Forest Resources Co.	179.00



Lease	Owner	Acres
229416001	Blackrock Enterprises LLC, et al	84.94 ac of 198.1275 ac
110271016	Vivian Rine, a/k/a Vivian L. Rine, et al	95.7 ac
131545006	Earnest H. Cagle, et al	10.33 ac
01148	First United Methodist Church of New Martinsville, et al	41.26 ac
106360004	Shben Estates, Inc., et al	80 ac
175051000	QIX USA, Inc., et al	31.19 ac and 144 ac of 31,151.581 ac
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218243000	Hundred Resources, Inc.	29.52 ac
136886000	Ronnie Joe Dulaney and Sharon Maxine Dulaney	0.50159 ac
120917000	Raymond Lee Yoho, et al	27.075 ac
127410003	The Joseph F. Blake and Gay K. Blake Irrevocable Grantor Trust Dated May 30, 2013, et al	23 ac
222226073	Verlin Edzel O'Neal and Ira Vaughn O'Neal Living Trust L/ARD April 12, 2000, et al	38.50 ac
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102504002	The Joseph F. Blake and Gay K. Blake Irrevocable Grantor Trust Dated May 30, 2013, et al	60.06 ac
126506000	J&N Management Enterprises, LLC, et al	332 ac



Notes:
 HAGGARD 10H coordinates are
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 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.



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.

L. S. 2394
 L. S. 2394



FILE NO:
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 MINIMUM DEGREE OF ACCURACY: 1:2500
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DATE: NOVEMBER 20 20 23
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 API WELL NO: 47 - 103 - 03529
 STATE COUNTY PERMIT

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

LOCATION ELEVATION: 1519' WATERSHED: LOWER WEST VIRGINIA FORK FISH CREEK QUADRANGLE: LITTLETON
 DISTRICT: Center COUNTY: Wetzel

SURFACE OWNER: Amie Lee Henderson ACREAGE: 45.5 ±
 ROYALTY OWNER: Blackrock Enterprises LLC, et al. LEASE NO: 229416001 ACREAGE: 84.94 ±

PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
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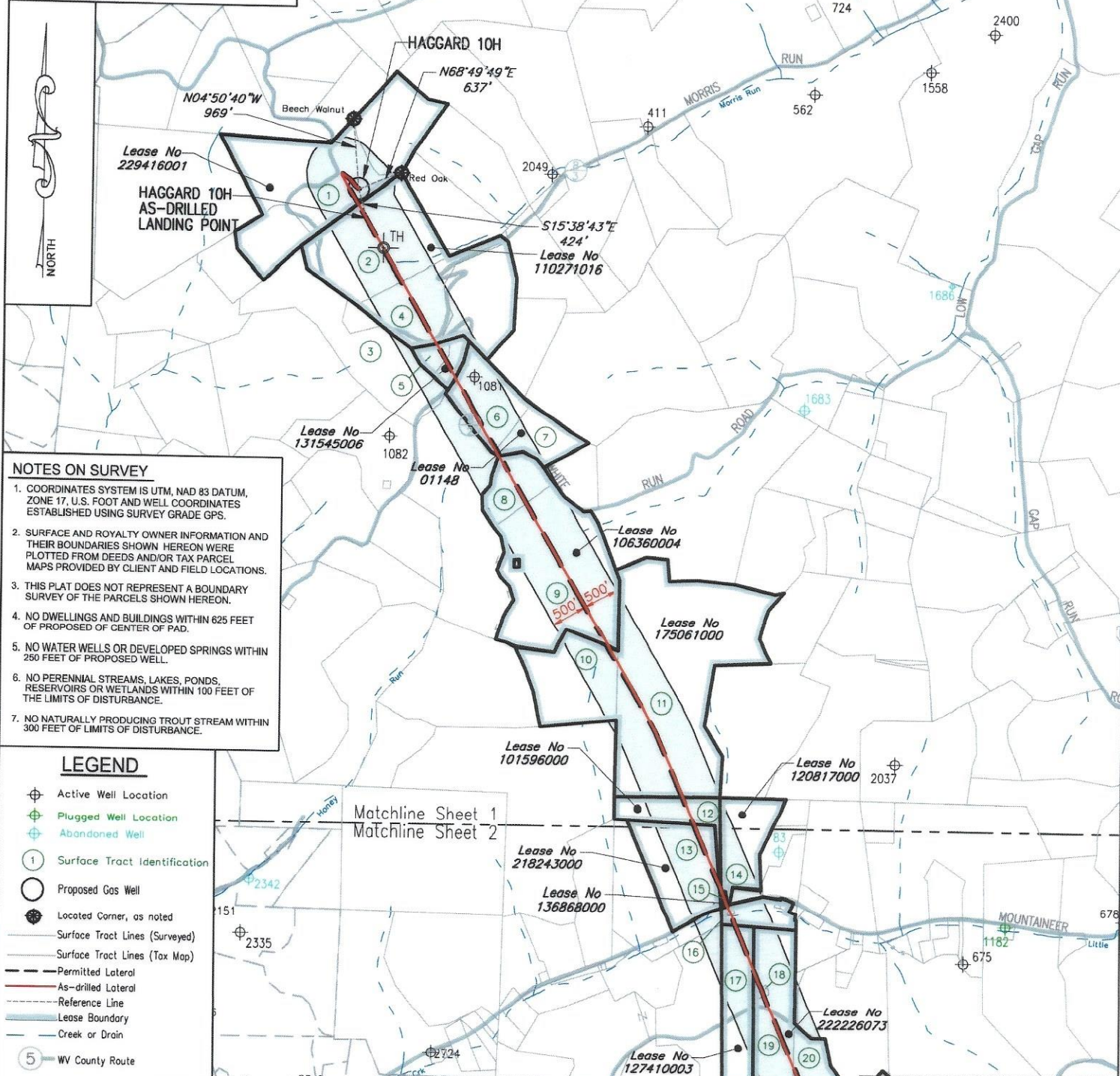
PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus ESTIMATED DEPTH: 7,614'

WELL OPERATOR: EQT Production Company DESIGNATED AGENT: Joseph C Mallow
 ADDRESS: 400 Woodcliff Drive ADDRESS: 427 Midstate Drive
 Canonsburg, PA 15317 Clarksburg, WV 26301

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 WV Department of Environmental Protection

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Haggard 10H
Haggard
EQT Production Company



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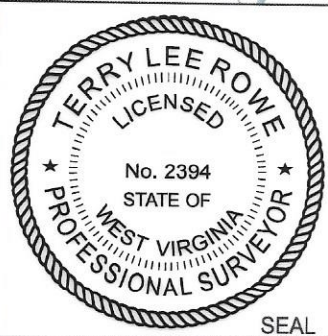
Matchline Sheet 1
Matchline Sheet 2

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



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L. L. Rowe
L. L. S. 2394



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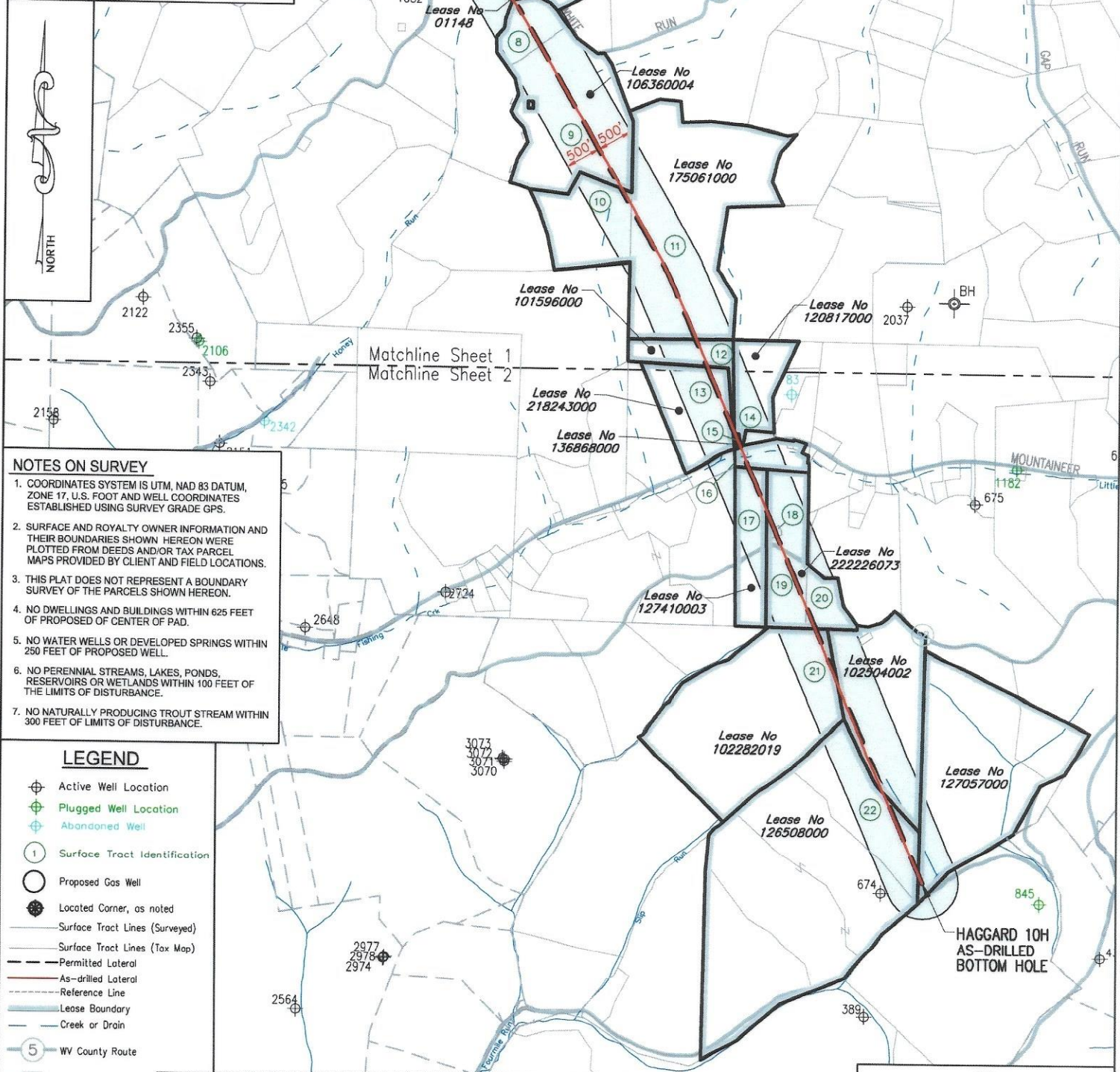
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OIL AND GAS DIVISION

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ROYALTY OWNER: Blackrock Enterprises LLC, et al. LEASE NO: 229416001 ACREAGE: 84.94 ±
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AS-DRILLED

Haggard 10H
Haggard
EQT Production Company



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L. L. S. 2394
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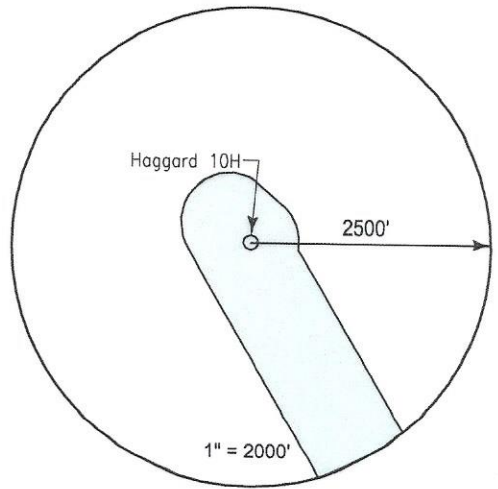
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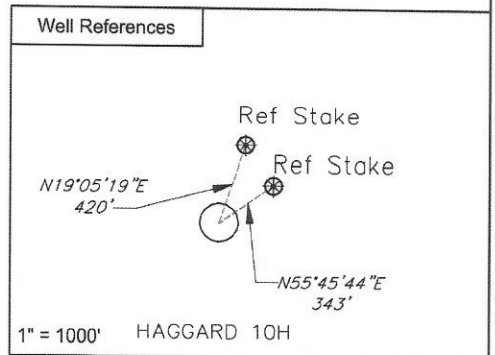
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Haggard 10H
Haggard
EQT Production Company

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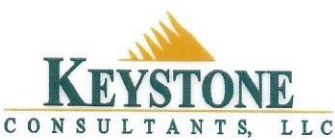
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 NAD 27 N: 406,373.660 E: 1,692,414.520
 NAD 27 Lat: 39.610600 Long: -80.591768
 NAD 83 UTM N: 4,384,627.897 E: 535,059.901
 West Virginia Coordinates system of 1927 (North Zone)
 based upon Differential GPS Measurements
 Plat orientation, Corner and 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.

HAGGARD PAD

- HAGGARD 16H 103-03532
- HAGGARD 14H 103-03531
- HAGGARD 12H 103-03530
- HAGGARD 10H 103-03529
- HAGGARD 8H 103-03430
- HAGGARD 6H 103-03528
- HAGGARD 4H 103-03527
- HAGGARD 2H 103-03526

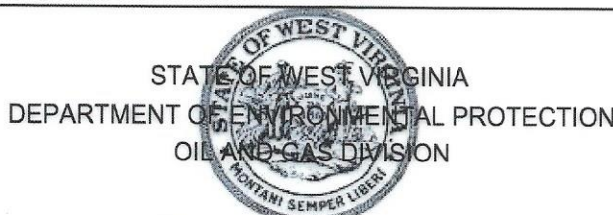


I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Department of Environmental Protection.

L. L. S. 2394
 L. L. S. 2394



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



DATE: NOVEMBER 20 20 23
 OPERATORS WELL NO: Haggard 10H
 API WELL NO
 47 - 103 - 03529
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
 LOCATION ELEVATION: 1519' WATERSHED: LOWER WEST VIRGINIA FORK FISH CREEK QUADRANGLE: LITTLETON
 DISTRICT: Center COUNTY: Wetzel
 SURFACE OWNER: Amie Lee Henderson ACREAGE: 45.51
 ROYALTY OWNER: Blackrock Enterprises LLC, et al. LEASE NO: 229416001 ACREAGE: 84.94 ±
 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: 7,614'
 WELL OPERATOR: EQT Production Company DESIGNATED AGENT: Joseph C Mallow
 ADDRESS: 400 Woodcliff Drive ADDRESS: 427 Midstate Drive
 Canonsburg, PA 15317 Clarksburg, WV 26301