

Well Operator's Report of Well Work



Well Number: Haggard 6H (L017956)

API: 47 - 103 - 03528

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 47-103-03528 County Wetzel District Center
Quad Littleton Pad Name Haggard Field/Pool Name N/A
Farm name Amie Lee Henderson Well Number Haggard 6H (L017956)
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 4,389,456.668 Easting 532,587.351
Landing Point of Curve Northing 4,388,825.393 Easting 532,227.554
Bottom Hole Northing 4,384,250.994 Easting 534,556.221

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 13.28 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 03/27/2023 Date drilling ceased 11/03/2023
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

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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 2195 Void(s) encountered (Y/N) depths N
Coal depth(s) ft 1311,1429 Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

Reviewed by:

APPROVED

08/16/2024

SMay
13024

API 47- 103-03528 Farm name Amie Lee Henderson Well number Haggard 6H (L017956)

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"	1459'	NEW	J-55 54.5#	N/A	Y
Coal							
Intermediate 1	12-1/4"	9-5/8"	2896'	NEW	J-55 36#	N/A	Y
Intermediate 2							
Intermediate 3							
Production	8-3/4", 8-1/2"	6"	25,412'	NEW	P-110 24#	N/A	N
Tubing							
Packer type and depth set							

Comment Details Production Cement job has a calculated TOC of 1036' 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	1243	16.0	1.09	1355	0	8
Coal							
Intermediate 1	CLASS L	1024	15.6	1.14	1167	0	8
Intermediate 2							
Intermediate 3							
Production	CLASS A	4210	15.0	1.19	5010	1036'	8+
Tubing							

Drillers TD (ft) 25,432' Loggers TD (ft) N/A
 Deepest formation penetrated MARCELLUS Plug back to (ft) N/A
 Plug back procedure _____

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Kick off depth (ft) 3,034'

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 8483' AND EVERY JOINT TO 2178' _____

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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API 47- 103 - 03528 Farm name Amie Lee Henderson Well number Haggard 6H (L017956)

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 6H (L017956) Final Formations API# 47-103-03528				
Formation Name	Drill Top MD (ftGRD)	Drill Top (TVD) (ftGRD)	Drill Btm MD (ftGRD)	Drill Btm (TVD) (ftGRD)
Sand/Shale	1	1	1,311	1,311
Sewickley Coal	1,311	1,311	1,314	1,314
Sand/Shale	1,314	1,314	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	3,402
Gantz	3,404	3,402	3,537	3,533
Sand/Shale	3,537	3,533	3,559	3,555
Fifty foot	3,559	3,555	3,597	3,592
Sand/Shale	3,597	3,592	3,643	3,636
Thirty foot	3,643	3,636	3,664	3,657
Sand/Shale	3,664	3,657	3,711	3,702
Bayard	3,711	3,702	3,803	3,791
Sand/Shale	3,803	3,791	4,155	4,123
Upper Speechley	4,155	4,123	4,216	4,179
Speechley	4,216	4,179	4,300	4,255
Balltown	4,300	4,255	4,630	4,548
Bradford	4,630	4,548	5,773	5,543
Benson	5,773	5,543	6,110	5,837
Alexander	6,110	5,837	6,569	6,233
Elk	6,569	6,233	7,730	7,232
Sonyea	7,730	7,232	7,931	7,369
Middlesex	7,931	7,369	7,983	7,402
Genesee	7,983	7,402	8,094	7,472
Geneseo	8,094	7,472	8,138	7,499
Tully	8,138	7,499	8,171	7,519
Hamilton	8,171	7,519	8,381	7,613
Marcellus	8,381	7,613	25,432	7,646

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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	01/10/2024	25324	25162	36	Marcellus
3	01/12/2024	25143	24980	36	Marcellus
4	01/13/2024	24961	24778	40	Marcellus
5	01/14/2024	24759	24576	40	Marcellus
6	01/14/2024	24557	24374	40	Marcellus
7	01/15/2024	24355	24172	40	Marcellus
8	01/19/2024	24153	23970	40	Marcellus
9	01/22/2024	23951	23768	40	Marcellus
10	01/23/2024	23749	23566	40	Marcellus
11	01/24/2024	23547	23364	40	Marcellus
12	01/25/2024	23345	23162	40	Marcellus
13	01/26/2024	23143	22960	40	Marcellus
14	01/27/2024	22941	22758	40	Marcellus
15	01/27/2024	22739	22556	40	Marcellus
16	01/29/2024	22537	22354	40	Marcellus
17	01/29/2024	22335	22152	40	Marcellus
18	01/30/2024	22133	21950	40	Marcellus
19	01/31/2024	21931	21748	40	Marcellus
20	01/31/2024	21729	21546	40	Marcellus
21	02/01/2024	21527	21344	40	Marcellus
22	02/01/2024	21325	21142	40	Marcellus
23	02/02/2024	21123	20940	40	Marcellus
24	02/02/2024	20921	20738	40	Marcellus
25	02/03/2024	20719	20536	40	Marcellus
26	02/03/2024	20517	20334	40	Marcellus
27	02/04/2024	20315	20132	40	Marcellus
28	02/04/2024	20113	19930	40	Marcellus
29	02/06/2024	19911	19728	40	Marcellus
30	02/06/2024	19709	19526	40	Marcellus
31	02/06/2024	19507	19324	40	Marcellus
32	02/07/2024	19305	19122	40	Marcellus
33	02/08/2024	19103	18920	40	Marcellus
34	02/08/2024	18901	18718	40	Marcellus
35	02/09/2024	18699	18516	40	Marcellus
36	02/09/2024	18497	18314	40	Marcellus
37	02/10/2024	18295	18112	40	Marcellus
38	02/10/2024	18093	17910	40	Marcellus
39	02/11/2024	17891	17708	40	Marcellus
40	02/12/2024	17689	17506	40	Marcellus
41	02/14/2024	17487	17304	40	Marcellus
42	02/14/2024	17285	17102	40	Marcellus
43	02/14/2024	17083	16900	40	Marcellus
44	02/15/2024	16881	16698	40	Marcellus

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45	02/15/2024	16679	16496	40	Marcellus
46	02/15/2024	16477	16294	40	Marcellus
47	02/15/2024	16275	16092	40	Marcellus
48	02/16/2024	16073	15890	40	Marcellus
49	02/16/2024	15871	15688	40	Marcellus
50	02/16/2024	15669	15486	40	Marcellus
51	02/17/2024	15467	15284	40	Marcellus
52	02/17/2024	15265	15082	40	Marcellus
53	02/17/2024	15063	14880	40	Marcellus
54	02/18/2024	14861	14678	40	Marcellus
55	02/18/2024	14659	14476	40	Marcellus
56	02/18/2024	14457	14274	40	Marcellus
57	02/18/2024	14255	14072	40	Marcellus
58	02/19/2024	14053	13870	40	Marcellus
59	02/19/2024	13851	13668	40	Marcellus
60	02/19/2024	13649	13466	40	Marcellus
61	02/20/2024	13447	13264	40	Marcellus
62	02/20/2024	13245	13062	40	Marcellus
63	02/21/2024	13043	12860	40	Marcellus
64	02/21/2024	12841	12658	40	Marcellus
65	02/21/2024	12639	12456	40	Marcellus
66	02/22/2024	12437	12254	40	Marcellus
67	02/22/2024	12235	12052	40	Marcellus
68	02/22/2024	12033	11850	40	Marcellus
69	02/22/2024	11831	11648	40	Marcellus
70	02/23/2024	11629	11446	40	Marcellus
71	02/23/2024	11427	11244	40	Marcellus
72	02/23/2024	11225	11042	40	Marcellus
73	02/24/2024	11023	10840	40	Marcellus
74	02/24/2024	10821	10638	40	Marcellus
75	02/25/2024	10619	10436	40	Marcellus
76	02/25/2024	10417	10234	40	Marcellus
77	02/25/2024	10215	10032	40	Marcellus
78	02/25/2024	10013	9830	40	Marcellus
79	02/25/2024	9811	9628	40	Marcellus
80	02/26/2024	9609	9426	40	Marcellus
81	02/26/2024	9407	9224	40	Marcellus
82	02/26/2024	9205	9022	40	Marcellus
83	02/26/2024	9003	8820	40	Marcellus
84	02/26/2024	8801	8618	40	Marcellus
85	02/27/2024	8599	8416	40	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	01/10/2024	93	9096	7268	4232	176002	4727	
2	01/12/2024	100	9081	6377	4691	396012	9584	
3	01/13/2024	99	9033	5476	5215	396204	9486	
4	01/14/2024	100	9058	4369	4959	439948	10357	
5	01/15/2024	98	8976	5660	4556	440036	10459	
6	01/15/2024	99	8996	5993	4876	440242	10450	
7	01/19/2024	92	8856	5980	5300	440190	13020	
8	01/22/2024	100	8921	5866	4730	440498	10417	
9	01/23/2024	90	8971	6101	5059	440673	11166	
10	01/24/2024	100	8881	6208	5457	440763	10429	
11	01/25/2024	94	9032	6651	4529	439937	10418	
12	01/26/2024	71	9223	6495	4176	439838	10430	
13	01/27/2024	98	9003	6504	5207	440128	10441	
14	01/27/2024	99	8777	6577	4757	440017	10380	
15	01/29/2024	98	8946	6154	4658	440057	10377	
16	01/30/2024	99	8681	6415	4794	440100	10315	
17	01/30/2024	100	8886	6251	4589	440051	10344	
18	01/31/2024	99	8863	5859	4734	440047	10465	
19	02/01/2024	100	8748	6493	4886	440124	10464	
20	02/01/2024	99	8822	6269	4719	440029	10272	
21	02/02/2024	99	8794	6948	4629	440006	10268	
22	02/02/2024	99	8647	6162	4744	439976	10297	
23	02/02/2024	99	8822	5934	4444	440063	10267	
24	02/03/2024	98	8898	6668	4540	440016	10284	
25	02/03/2024	100	8916	6606	4659	440054	10225	
26	02/04/2024	100	8754	6618	4299	439968	10229	
27	02/05/2024	99	8750	6141	4512	440076	10234	
28	02/05/2024	98	8561	6387	4527	439916	10201	
29	02/06/2024	99	8635	6467	2388	440120	10132	
30	02/06/2024	99	8836	6081	4503	440090	10191	
31	02/07/2024	99	8609	6504	4510	440024	10263	
32	02/08/2024	100	8812	6488	4738	440068	10154	
33	02/09/2024	100	8884	6631	4512	440124	10152	
34	02/09/2024	100	8828	6347	4557	440075	10138	
35	02/10/2024	99	8762	6580	4710	440553	10177	
36	02/10/2024	100	8618	6459	4933	439925	10122	
37	02/11/2024	100	8690	6096	4331	440385	10122	
38	02/11/2024	100	8621	6450	4729	440177	10134	
39	02/12/2024	100	8367	6207	4560	440166	10106	
40	02/14/2024	100	8522	6966	4691	440064	10082	
41	02/14/2024	100	8320	6302	4543	440017	10068	
42	02/15/2024	100	8515	6749	4609	440348	10104	
43	02/15/2024	100	8407	6431	4407	440477	10075	

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44	02/15/2024	100	8409	6418	4671	440188	10068
45	02/15/2024	100	8571	6408	4587	440514	10078
46	02/16/2024	100	8213	5928	4837	440211	10095
47	02/16/2024	100	8334	6540	4395	440183	10052
48	02/16/2024	100	8420	6587	4774	440032	10030
49	02/17/2024	100	8181	6509	4613	440176	10035
50	02/17/2024	100	8363	6427	4345	440011	10012
51	02/17/2024	100	8344	6647	4739	440041	10016
52	02/18/2024	100	8259	6160	4274	440085	10011
53	02/18/2024	100	8215	6805	4597	440091	10010
54	02/18/2024	100	8197	6354	4422	440142	10000
55	02/18/2024	100	8324	6502	4510	440130	10029
56	02/19/2024	100	8243	6614	4386	440719	10005
57	02/19/2024	100	8407	6048	4391	440080	7272
58	02/19/2024	100	8070	6237	4217	439989	10054
59	02/20/2024	100	8337	6033	4172	440251	9958
60	02/20/2024	100	8323	6695	4290	440315	9956
61	02/20/2024	100	8077	6536	4660	440145	9976
62	02/21/2024	100	8316	6443	4356	440297	9914
63	02/21/2024	100	7864	5808	4365	440098	9796
64	02/22/2024	100	8211	5959	4178	440354	9928
65	02/22/2024	100	8059	6115	4353	440249	9809
66	02/22/2024	99	8227	6465	4277	440021	9758
67	02/22/2024	99	8296	6998	4370	439993	9777
68	02/23/2024	100	8363	6807	4262	440025	9851
69	02/23/2024	100	8234	6843	4114	439937	9774
70	02/23/2024	98	8454	6912	4365	440089	9737
71	02/24/2024	99	8395	6435	4229	440092	9761
72	02/24/2024	57	9037	6096	4063	440009	15920
73	02/25/2024	100	7965	6321	4109	439999	9762
74	02/25/2024	100	8064	6675	4105	440054	9851
75	02/25/2024	100	7950	6971	4468	440128	9790
76	02/25/2024	99	8237	7319	4498	439979	9824
77	02/26/2024	100	8246	7447	4176	440020	9799
78	02/26/2024	100	8116	6450	4184	440028	9601
79	02/26/2024	100	7963	6353	4093	440025	9689
80	02/26/2024	100	7860	7286	4426	440124	9788
81	02/26/2024	100	7992	6744	4568	440071	9670
82	02/27/2024	100	7905	6839	2938	440081	9654
83	02/27/2024	100	7983	6715	4546	440057	9646
84	02/27/2024	100	7771	6759	4123	440059	9638
85	02/27/2024	100	7780	6933	5366	440070	10267

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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:	47-103-03528-00-00
Operator Name:	EQT Production
Well Name and Number:	Haggard 6H
Latitude:	39.654288
Longitude:	-80.620144
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	7674
Total Base Water Volume (gal)*:	35980854
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	88.87765	None
Sand (Proppant)	EQT	Proppant					
			Silica Substrate	14808-60-7	100.00000	10.96946	None
Clearal 268	ChemStream	Biocide					
			Non-hazardous substances	Proprietary	80.00000	0.00902	None
StimSTREAM FR 9800	ChemStream	Friction Reducer					
			Copolymer of 2-propenamide	Proprietary	30.00000	0.00874	None
StimSTREAM SC-398	ChemStream	Scale Inhibitor					
			Non-hazardous substances	Proprietary	90.00000	0.00760	None
StimSTREAM	ChemStream	Friction					

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FR 9800		Reducer					
			Petroleum Distillate	64742-47-8	20.00000	0.00388	None
Enviro-Syn HCR-7000-WL	Fluid Energy Group Ltd.	Synthetic Acid					
			Proprietary	Proprietary	20.00000	0.00129	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					
			Alcohols, C12-16, ethoxylated	68551-12-2	2.00000	0.00004	None
StimSTREAM FR 9800	ChemStream	Friction Reducer					
			Oleic Acid Diethanolamide	93-83-4	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.

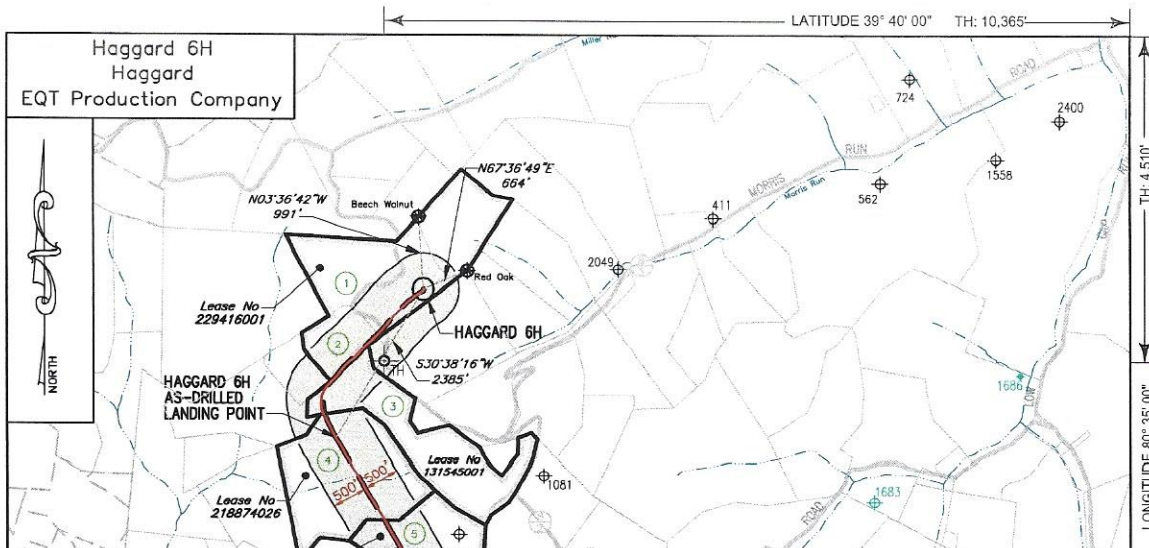
Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)

RECEIVED
Office of Oil and Gas

JUL 08 2024

WV Department of
Environmental Protection

08/16/2024



NOTES ON SURVEY

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LEGEND

- Active Well Location
- Plugged Well Location
- Abandoned Well
- Surface Tract Identification
- Proposed Gas Well
- Located Corner, as noted
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- Surface Tract Lines (Tax Map)
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- Reference Line
- Lease Boundary
- Creek or Drain
- WV County Route
- WV State Route

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



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Thomas C. Smith
L. L. S. 687



FILE NO: W2175 (BK 59-37)
DRAWING NO:
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: 1:2500
PROVEN SOURCE OF ELEVATION: NGS CORS Station



DATE: NOVEMBER 7, 20 23
OPERATORS WELL NO: Haggard 6H
API WELL NO: 47 - 103 - 03528
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: 84.9 ±

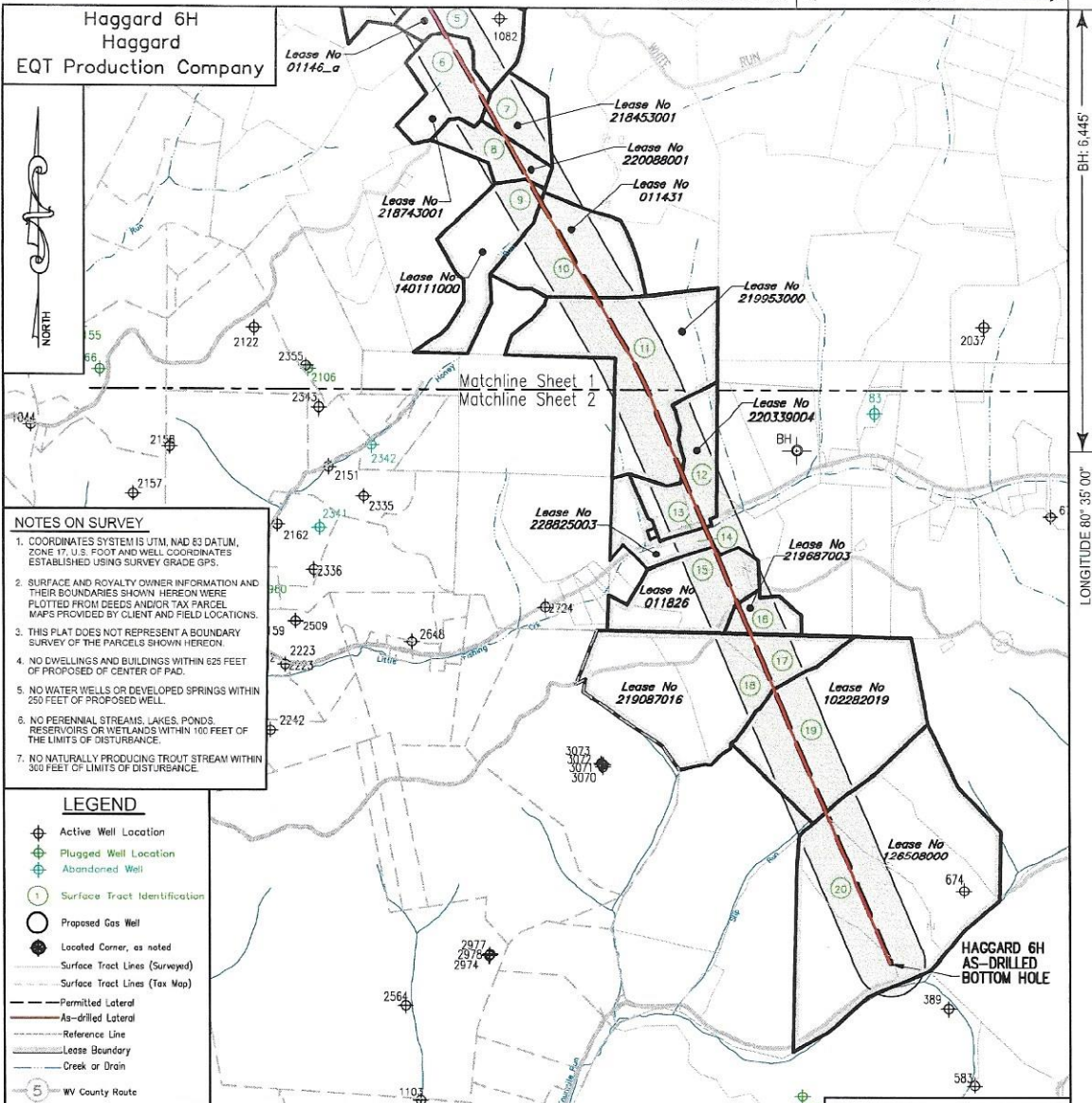
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)

PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus ESTIMATED DEPTH: 7,594'

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

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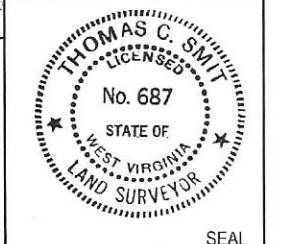
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STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

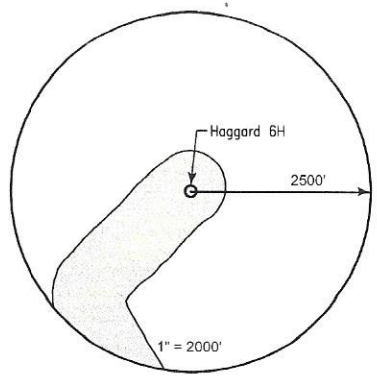
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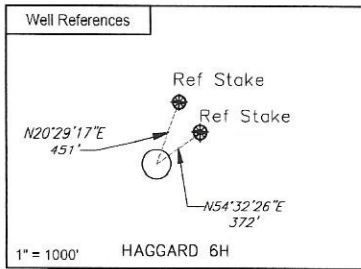
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Haggard 6H
Haggard
EQT Production Company

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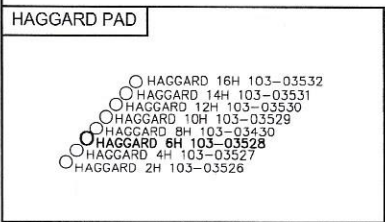


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Joseph C. Mallow
L. L. S. 687



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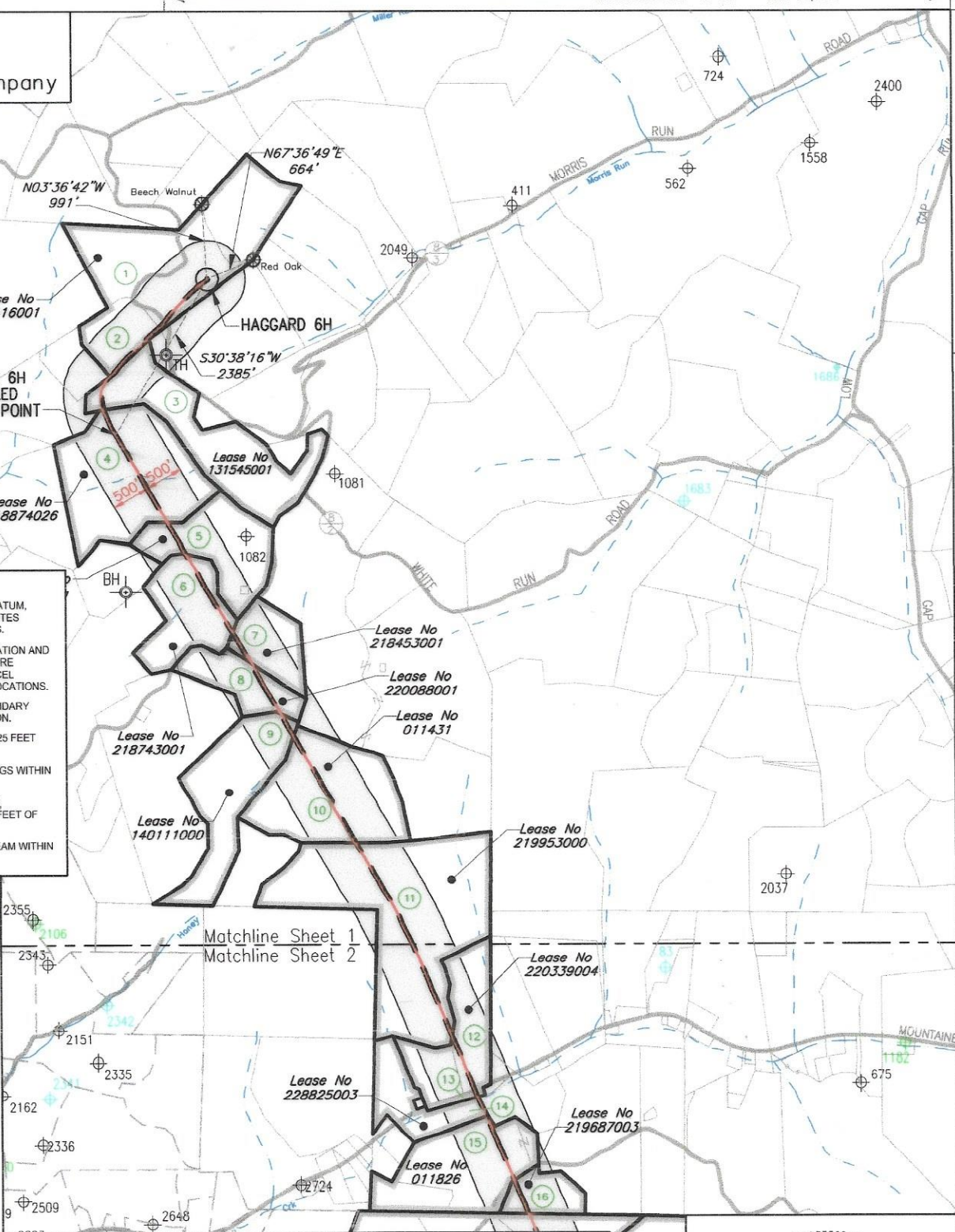


HAGGARD 6H
AS-DRILLED
LANDING POINT

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Thomas C. Smit
L. L. S. 687



SEAL

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47 - 103 - 03528
STATE COUNTY PERMIT

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AS-DRILLED

Haggard 6H
Haggard
EQT Production Company

Lease No
01146_a

Lease No
218453001

Lease No
220088001

Lease No
011431

Lease No
218743001

Lease No
140111000

Lease No
219953000

Matchline Sheet 1
Matchline Sheet 2

Lease No
220339004

Lease No
228825003

Lease No
219687003

Lease No
011826

Lease No
219087016

Lease No
102282019

Lease No
126508000

HAGGARD 6H
AS-DRILLED
BOTTOM HOLE

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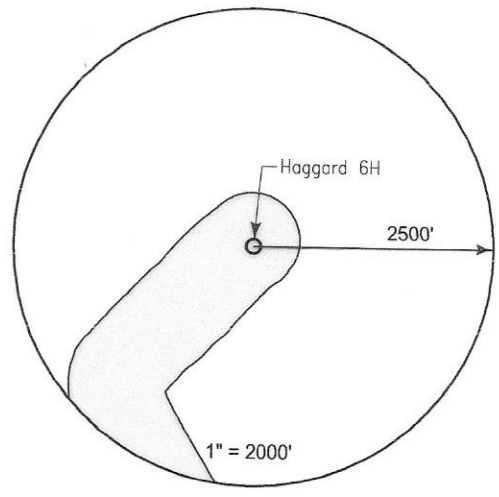
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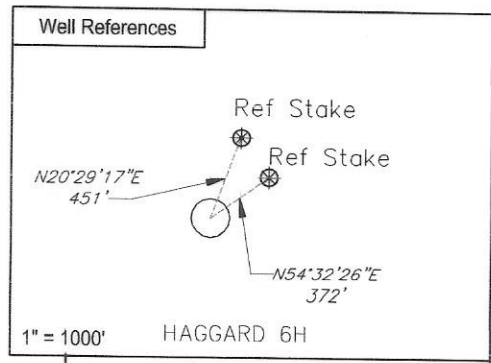
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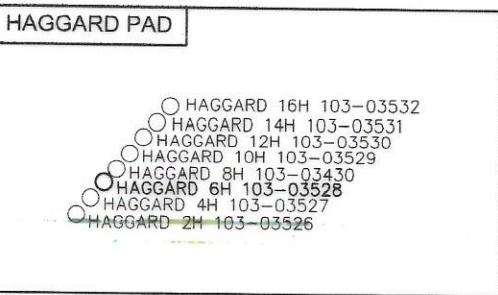


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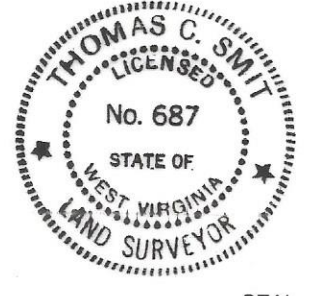
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WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW

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

SURFACE OWNER: Amie Lee Henderson ACREAGE: 84.94 ±
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: 7,594'

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

AS-DRILLED