

Well Operator's Report of Well Work



Where energy meets innovation.

Well Number: Denver 1H (L-003505)

API: 47 - 103 - 03513

Submission:  Initial  Amended

Notes: Original

RECEIVED  
Office of Oil and Gas

MAR 01 2024

WV Department of  
Environmental Protection

**APPROVED**  
06/21/2024

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

MAR 01 2024

WV Department of  
Environmental Protection

API 47-103-03513 County Wetzel District Center  
Quad Littleton Pad Name DENVER Field/Pool Name N/A  
Farm name EQT Production Company Well Number Denver 1H (L003505)  
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 4,387,425.983 Easting 537,769.153  
Landing Point of Curve Northing 4,386,986.648 Easting 536,900.980  
Bottom Hole Northing 4,390,675.396 Easting 534,671.549

Elevation (ft) 1351' 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

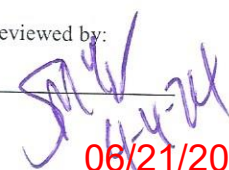
Drilling Media Surface hole  Air  Mud  Fresh Water Intermediate hole  Air  Mud  Fresh Water  Brine  
Production hole  Air  Mud  Fresh Water  Brine  
Mud Type(s) and Additive(s)

Synthetic Oil Based Mud 13.25 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 08/01/2022 Date drilling commenced 10/01/2022 Date drilling ceased 08/06/2023  
Date completion activities began \_\_\_\_\_ Date completion activities ceased \_\_\_\_\_  
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 5,224,329,331,371,385 Open mine(s) (Y/N) depths N  
Salt water depth(s) ft 1830,1963 Void(s) encountered (Y/N) depths N  
Coal depth(s) ft 771,1008,1091 Cavern(s) encountered (Y/N) depths N  
Is coal being mined in area (Y/N) N

Reviewed by:   
06/21/2024

API 47-103-03513 Farm name EQT Production Company Well number Denver 1H (L003505)

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"	1190'	NEW	J-55 54.5#	1061'	Y
Coal							
Intermediate 1	12-3/8"	9-5/8"	2598'	NEW	J-55 36#	N/A	Y
Intermediate 2							
Intermediate 3							
Production	8-3/4", 8-1/2"	6"	22,963'	NEW	P-110 24#	N/A	N
Tubing							
Packer type and depth set							

Comment Details Production Cement job has a calculated TOC of 1179' 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 <sup>3</sup> /sks)	Volume (ft <sup>3</sup> )	Cement Top (GL)	WOC (hrs)
Conductor	CLASS A	83	15.6	1.18	98	0	8+
Surface	CLASS L	1085	16.0	1.09	1182	0	8
Coal							
Intermediate 1	CLASS L	952	15.6	1.14	1085	0	8
Intermediate 2							
Intermediate 3							
Production	CLASS A	3785	15.0	1.18	4466	1179'	8+
Tubing							

Drillers TD (ft) 22,987' Loggers TD (ft) N/A  
 Deepest formation penetrated MARCELLUS Plug back to (ft) N/A  
 Plug back procedure N/A

RECEIVED  
Office of Oil and Gas

MAR 01 2024

WV Department of Environmental Protection

Kick off depth (ft) 2,614'

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 8870' AND EVERY JOINT TO 2087'

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 \_\_\_\_\_

06/21/2024







API 47- 103 - 03513 Farm name EQT Production Company Well number Denver 1H (L003505)

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 \_\_\_\_\_

RECEIVED  
Office of Oil and Gas

MAR 01 2024

WV Department of  
Environmental Protection

Well # DENVER 1H (L003505) Final Formations API# 47-103-03513				
Formation Name	Drill Top MD (ftGRD)	Drill Top (TVD) (ftGRD)	Drill Btm MD (ftGRD)	Drill Btm (TVD) (ftGRD)
Sand/Shale	1	1	771	771
Waynesburg Coal	771	771	774	774
Sand/Shale	774	774	1,008	1,008
Sewickley Coal	1,008	1,008	1,010	1,010
Sand/Shale	1,010	1,010	1,091	1,091
Pittsburgh Coal	1,091	1,091	1,097	1,097
Sand/Shale	1,097	1,097	2,403	2,403
Big Injun	2,403	2,403	2,527	2,527
Sand/Shale	2,527	2,527	2,642	2,642
Berea	2,642	2,642	2,991	2,989
Gantz	2,991	2,989	3,170	3,165
Fifty foot	3,170	3,165	3,214	3,208
Sand/Shale	3,214	3,208	3,237	3,230
Thirty foot	3,237	3,230	3,264	3,256
Sand/Shale	3,264	3,256	3,316	3,306
Bayard	3,316	3,306	3,444	3,427
Sand/Shale	3,444	3,427	3,828	3,778
Speechley	3,828	3,778	3,905	3,844
Balltown	3,905	3,844	4,232	4,097
Bradford	4,232	4,097	4,362	4,192
Sand/Shale	4,362	4,192	5,371	4,973
Benson	5,371	4,973	5,781	5,292
Alexander	5,781	5,292	6,233	5,647
Elk	6,233	5,647	7,988	6,996
Sonyea	7,988	6,996	8,182	7,142
Middlesex	8,182	7,142	8,242	7,185
Genesee	8,242	7,185	8,363	7,260
Geneseo	8,363	7,260	8,414	7,289
Tully	8,414	7,289	8,454	7,310
Hamilton	8,454	7,310	8,728	7,414
Marcellus	8,728	7,414	22,987	7,476

RECEIVED  
Office of Oil and Gas

MAR 01 2024

NY Department of  
Environmental Conservation

06/21/2024

# Perforation Data

RECEIVED  
Office of Oil and Gas

MAR 01 2024

WV Department of  
Environmental Protection

06/21/2024



Stage_Number	Perf_Date	Depth_Bottom	Depth_Top	Shot_Count	Formation
2	10/14/2023	22878	22697	40	Marcellus
3	10/14/2023	22679	22498	40	Marcellus
4	10/14/2023	22480	22299	40	Marcellus
5	10/15/2023	22281	22100	40	Marcellus
6	10/15/2023	22082	21901	40	Marcellus
7	10/15/2023	21883	21702	40	Marcellus
8	10/15/2023	21684	21503	40	Marcellus
9	10/16/2023	21485	21304	40	Marcellus
10	10/16/2023	21286	21105	40	Marcellus
11	10/16/2023	21087	20906	40	Marcellus
12	10/16/2023	20888	20707	40	Marcellus
13	10/17/2023	20689	20508	40	Marcellus
14	10/17/2023	20490	20309	40	Marcellus
15	10/17/2023	20291	20110	40	Marcellus
16	10/17/2023	20092	19911	40	Marcellus
17	10/18/2023	19893	19712	40	Marcellus
18	10/18/2023	19694	19513	40	Marcellus
19	10/18/2023	19495	19314	40	Marcellus
20	10/18/2023	19296	19115	40	Marcellus
21	10/19/2023	19097	18916	40	Marcellus
22	10/19/2023	18898	18717	40	Marcellus
23	10/19/2023	18699	18518	40	Marcellus
24	10/19/2023	18500	18319	40	Marcellus
25	10/20/2023	18301	18120	40	Marcellus
26	10/20/2023	18102	17921	40	Marcellus
27	10/20/2023	17903	17722	40	Marcellus
28	10/20/2023	17704	17523	40	Marcellus
29	10/21/2023	17505	17324	40	Marcellus
30	10/21/2023	17306	17125	40	Marcellus
31	10/21/2023	17107	16926	40	Marcellus
32	10/22/2023	16908	16727	40	Marcellus
33	10/22/2023	16709	16528	40	Marcellus
34	10/22/2023	16510	16329	40	Marcellus
35	10/22/2023	16311	16130	40	Marcellus
36	10/22/2023	16112	15931	40	Marcellus
37	10/22/2023	15913	15732	40	Marcellus
38	10/23/2023	15714	15533	40	Marcellus
39	10/23/2023	15515	15334	40	Marcellus
40	10/23/2023	15316	15135	40	Marcellus
41	10/23/2023	15117	14936	40	Marcellus
42	10/23/2023	14918	14737	40	Marcellus
43	10/24/2023	14719	14538	40	Marcellus
44	10/24/2023	14520	14339	40	Marcellus
45	10/24/2023	14321	14140	40	Marcellus
46	10/24/2023	14122	13941	40	Marcellus
47	10/24/2023	13923	13742	40	Marcellus

RECEIVED  
Office of Oil and Gas

MAR 01 2024

WV Department of  
Environmental Protection

06/21/2024

48 10/25/2023	13724	13543	40 Marcellus
49 10/25/2023	13525	13344	40 Marcellus
50 10/25/2023	13326	13145	40 Marcellus
51 10/25/2023	13127	12946	40 Marcellus
52 10/25/2023	12928	12747	40 Marcellus
53 10/26/2023	12729	12548	40 Marcellus
54 10/26/2023	12530	12349	40 Marcellus
55 10/26/2023	12331	12150	40 Marcellus
56 10/26/2023	12132	11951	40 Marcellus
57 10/26/2023	11933	11752	40 Marcellus
58 10/26/2023	11734	11553	40 Marcellus
59 10/27/2023	11535	11354	40 Marcellus
60 10/27/2023	11336	11155	40 Marcellus
61 10/27/2023	11137	10956	40 Marcellus
62 10/27/2023	10938	10757	40 Marcellus
63 10/27/2023	10739	10558	40 Marcellus
64 10/28/2023	10540	10359	40 Marcellus
65 10/28/2023	10341	10160	40 Marcellus
66 10/28/2023	10142	9961	40 Marcellus
67 10/28/2023	9943	9762	40 Marcellus
68 10/28/2023	9744	9563	40 Marcellus
69 10/29/2023	9545	9364	40 Marcellus
70 10/29/2023	9346	9165	40 Marcellus
71 10/29/2023	9147	8966	40 Marcellus
72 10/29/2023	8948	8767	40 Marcellus

RECEIVED  
Office of Oil and Gas

MAR 01 2024

Environmental Protection

06/21/2024

RECEIVED  
Office of Oil and Gas

MAR 01 2024

WV Department of  
Environmental Protection

## Stimulation Data

06/21/2024

Stimulation_Date	Stage_Number	Avg_Pump_Rate	Avg_Treatment_Pressure	Pressure_Breakdown	ISIP	Amount_of_Proppant_lbs	Amount_of_Water_bbls	Proppant_Type	Proppant_Mesh_Size
10/14/2023	1	89		8763	7223	4160	176226	4765 Sand	100 MESH;
10/14/2023	2	97		9062	6402	4560	440155	9472 Sand	100 MESH;
10/15/2023	3	100		9194	7005	5025	440074	9468 Sand	100 MESH;
10/15/2023	4	99		9154	6133	4681	440204	9486 Sand	100 MESH;
10/15/2023	5	99		9319	6272	4429	440040	9466 Sand	100 MESH;
10/15/2023	6	95		9270	5932	4760	440044	9460 Sand	100 MESH;
10/16/2023	7	96		9135	5880	4660	440211	9471 Sand	100 MESH;
10/16/2023	8	99		9189	5743	5225	440836	9485 Sand	100 MESH;
10/16/2023	9	100		8961	5865	5173	440227	9468 Sand	100 MESH;
10/16/2023	10	100		9131	6035	4832	440134	9465 Sand	100 MESH;
10/17/2023	11	100		9145	5840	4465	440149	9470 Sand	100 MESH;
10/17/2023	12	100		9134	5612	4847	440156	9470 Sand	100 MESH;
10/17/2023	13	100		9138	6151	4893	440102	9469 Sand	100 MESH;
10/17/2023	14	100		9207	5862	4873	441858	9511 Sand	100 MESH;
10/17/2023	15	100		9190	6054	4883	440068	9471 Sand	100 MESH;
10/18/2023	16	100		9033	6242	5036	440147	9523 Sand	100 MESH;
10/18/2023	17	100		9139	5904	4994	440106	9468 Sand	100 MESH;
10/18/2023	18	99		9150	6332	5079	440090	9464 Sand	100 MESH;
10/18/2023	19	100		9057	6038	4660	440137	9467 Sand	100 MESH;
10/19/2023	20	99		9186	6153	5207	440118	9461 Sand	100 MESH;
10/19/2023	21	99		9153	6587	4664	440149	9469 Sand	100 MESH;
10/19/2023	22	100		8940	6222	4825	440061	9472 Sand	100 MESH;
10/19/2023	23	98		8876	6246	5190	440062	9460 Sand	100 MESH;
10/20/2023	24	100		9020	6002	5159	440094	9471 Sand	100 MESH;
10/20/2023	25	99		9084	6102	5082	440107	9472 Sand	100 MESH;
10/20/2023	26	99		8924	6001	4885	440012	9469 Sand	100 MESH;
10/21/2023	27	100		9010	6561	4792	440360	9496 Sand	100 MESH;
10/21/2023	28	89		9165	6031	4133	440062	10456 Sand	100 MESH;
10/21/2023	29	99		8957	6356	4795	440014	9474 Sand	100 MESH;
10/21/2023	30	100		8981	6187	4451	440443	9581 Sand	100 MESH;
10/22/2023	31	100		8920	5914	4111	440127	9486 Sand	100 MESH;
10/22/2023	32	97		8882	6070	4800	445160	9510 Sand	100 MESH;
10/22/2023	33	100		8881	6044	5253	440118	10015 Sand	100 MESH;
10/22/2023	34	100		8927	6220	4460	440060	9463 Sand	100 MESH;
10/22/2023	35	100		8857	6250	4057	439996	9546 Sand	100 MESH;
10/23/2023	36	100		8932	5953	4083	440355	9477 Sand	100 MESH;
10/23/2023	37	99		8833	5930	4052	440189	9495 Sand	100 MESH;
10/23/2023	38	100		8843	6192	4292	440194	9507 Sand	100 MESH;
10/23/2023	39	100		9037	6075	4376	440072	9470 Sand	100 MESH;
10/23/2023	40	100		8802	6063	4477	440220	9573 Sand	100 MESH;
10/24/2023	41	100		8865	6288	4790	440116	9473 Sand	100 MESH;
10/24/2023	42	100		8906	6416	4786	440157	9559 Sand	100 MESH;
10/24/2023	43	100		8784	5869	4674	440097	9467 Sand	100 MESH;
10/24/2023	44	99		8895	6008	4703	440054	9468 Sand	100 MESH;
10/24/2023	45	99		9019	6359	4903	440171	9466 Sand	100 MESH;
10/25/2023	46	99		8951	6096	4951	440078	9460 Sand	100 MESH;
10/25/2023	47	100		8753	6057	5933	440223	9478 Sand	100 MESH;
10/25/2023	48	100		8688	6073	5452	440088	9468 Sand	100 MESH;
10/25/2023	49	100		8586	6143	5332	440008	9478 Sand	100 MESH;
10/25/2023	50	99		8716	6580	4714	440211	9484 Sand	100 MESH;
10/26/2023	51	100		8578	6275	4630	440316	9494 Sand	100 MESH;
10/26/2023	52	99		8502	6708	4351	440295	9468 Sand	100 MESH;
10/26/2023	53	97		8904	6512	4294	440907	9617 Sand	100 MESH;
10/26/2023	54	100		8364	5974	4495	440064	9512 Sand	100 MESH;
10/26/2023	55	100		8447	6229	4891	440477	9485 Sand	100 MESH;
10/26/2023	56	100		8345	6099	4675	440224	9468 Sand	100 MESH;
10/27/2023	57	98		8918	6907	4494	440110	9481 Sand	100 MESH;
10/27/2023	58	96		8939	6632	5010	440065	9465 Sand	100 MESH;
10/27/2023	59	99		8511	6850	4968	440110	9485 Sand	100 MESH;

*Handwritten signature*

RECEIVED  
Office of Oil and Gas  
MAR 01 2024  
TAMU Department of Geology



10/27/2023	60	99	8506	5992	4474	440391	9490 Sand	100 MESH;
10/27/2023	61	95	8210	6291	4492	440320	9475 Sand	100 MESH;
10/27/2023	62	99	8392	6838	4523	440175	9480 Sand	100 MESH;
10/28/2023	63	99	8364	6020	4606	440197	9477 Sand	100 MESH;
10/28/2023	64	99	8247	7401	4813	440097	9480 Sand	100 MESH;
10/28/2023	65	100	8279	6451	4521	440410	9484 Sand	100 MESH;
10/28/2023	66	100	8479	6163	4446	440414	9484 Sand	100 MESH;
10/28/2023	67	99	8172	6304	4740	440178	9469 Sand	100 MESH;
10/29/2023	68	94	7830	6577	4416	440172	9471 Sand	100 MESH;
10/29/2023	69	100	8370	6923	4112	440454	9493 Sand	100 MESH;
10/29/2023	70	100	8144	6210	4203	440110	9470 Sand	100 MESH;
10/30/2023	71	100	8075	6554	4245	440204	9480 Sand	100 MESH;
10/30/2023	72	100	8266	6971	3898	440210	9526 Sand	100 MESH;

RECEIVED  
Office of Oil and Gas  
MAR 01 2024

# Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	10/14/2023
Job End Date:	11/23/2023
State:	West Virginia
County:	Wetzel
API Number:	47-103-03513-00-00
Operator Name:	EQT Production
Well Name and Number:	Denver 1H
Latitude:	39.635778
Longitude:	-80.55986
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	7504
Total Base Water Volume (gal)*:	29778462
Total Base Non Water Volume:	0



Water Source	Percent
--------------	---------

RECEIVED  
Office of Oil and Gas

MAR 01 2024

WV Department of  
Environmental Protection

## 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	88.65640	None
Sand (Proppant)	EQT	Proppant					
			Silica Substrate	14808-60-7	100.00000	11.21526	None
Clearal 268	ChemStream	Biocide					
			Non-hazardous substances	Proprietary	80.00000	0.00901	None
StimSTREAM SC-398	ChemStream	Scale Inhibitor					
			Non-hazardous substances	Proprietary	90.00000	0.00764	None
StimSTREAM FR 9800	ChemStream	Friction Reducer					
			Copolymer of 2-propenamamide	Proprietary	30.00000	0.00702	None
StimSTREAM	ChemStream	Friction					

06/21/2024



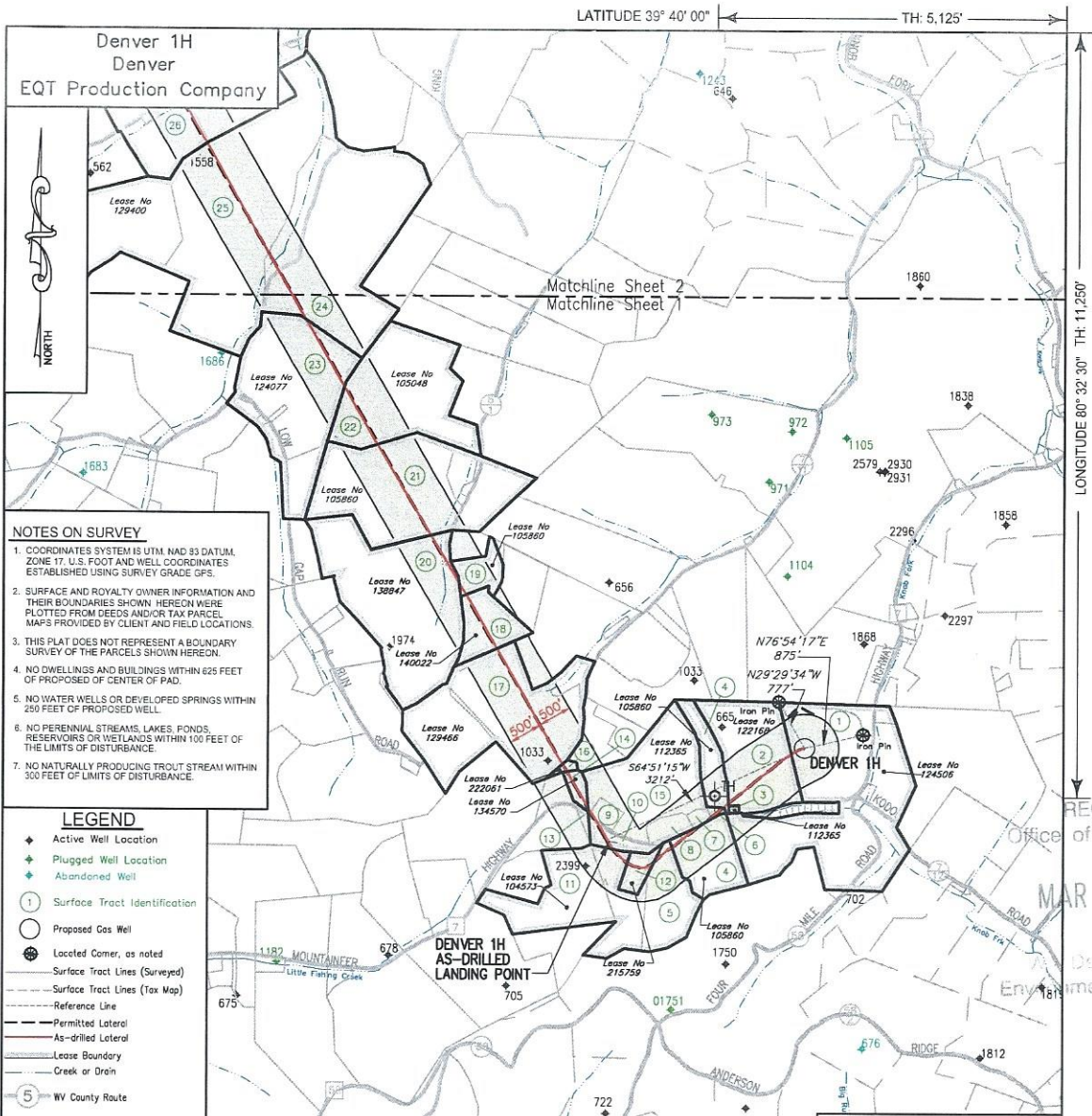
FR 9800		Reducer					
			Petroleum Distillate	64742-47-8	20.00000	0.00312	None
Enviro-Syn HCR-7000-WL	Fluid Energy Group Ltd.	Synthetic Acid					
			Proprietary	Proprietary	20.00000	0.00107	None
Clearal 268	ChemStream	Biocide					
			Glutaraldehyde	111-30-8	20.00000	0.00056	None
Enviro-Syn HCR-7000-WL	Fluid Energy Group Ltd.	Synthetic Acid					
			Proprietary	Proprietary	10.00000	0.00027	None
StimSTREAM SC-398	ChemStream	Scale Inhibitor					
			Bis(HexaMethylene Triamine Penta(Methylene Phosphonic Acid) (BHMT)	34690-00-1	10.00000	0.00009	None
StimSTREAM FR 9800	ChemStream	Friction Reducer					
			Alcohols, C12-16, ethoxylated	68551-12-2	2.00000	0.00003	None
StimSTREAM FR 9800	ChemStream	Friction Reducer					
			Oleic Acid Diethanolamide	93-83-4	2.00000	0.00003	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)

06/21/2024



**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 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**

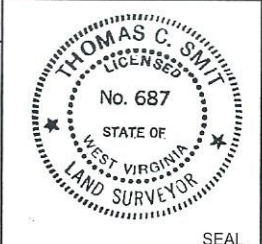
- ◆ Active Well Location
- ◆ Plugged Well Location
- ◆ Abandoned Well
- ① Surface Tract Identification
- Proposed Gas Well
- ⊙ Located Corner, as noted
- Surface Tract Lines (Surveyed)
- - - Surface Tract Lines (Tax Map)
- - - Reference Line
- - - Permitted Lateral
- - - As-drilled Lateral
- - - Lease Boundary
- - - Creek or Drain
- 5 WV County Route
- 5 WV State Route

(◆) 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.

*Joseph C. Smit*  
L. L. S. 687



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



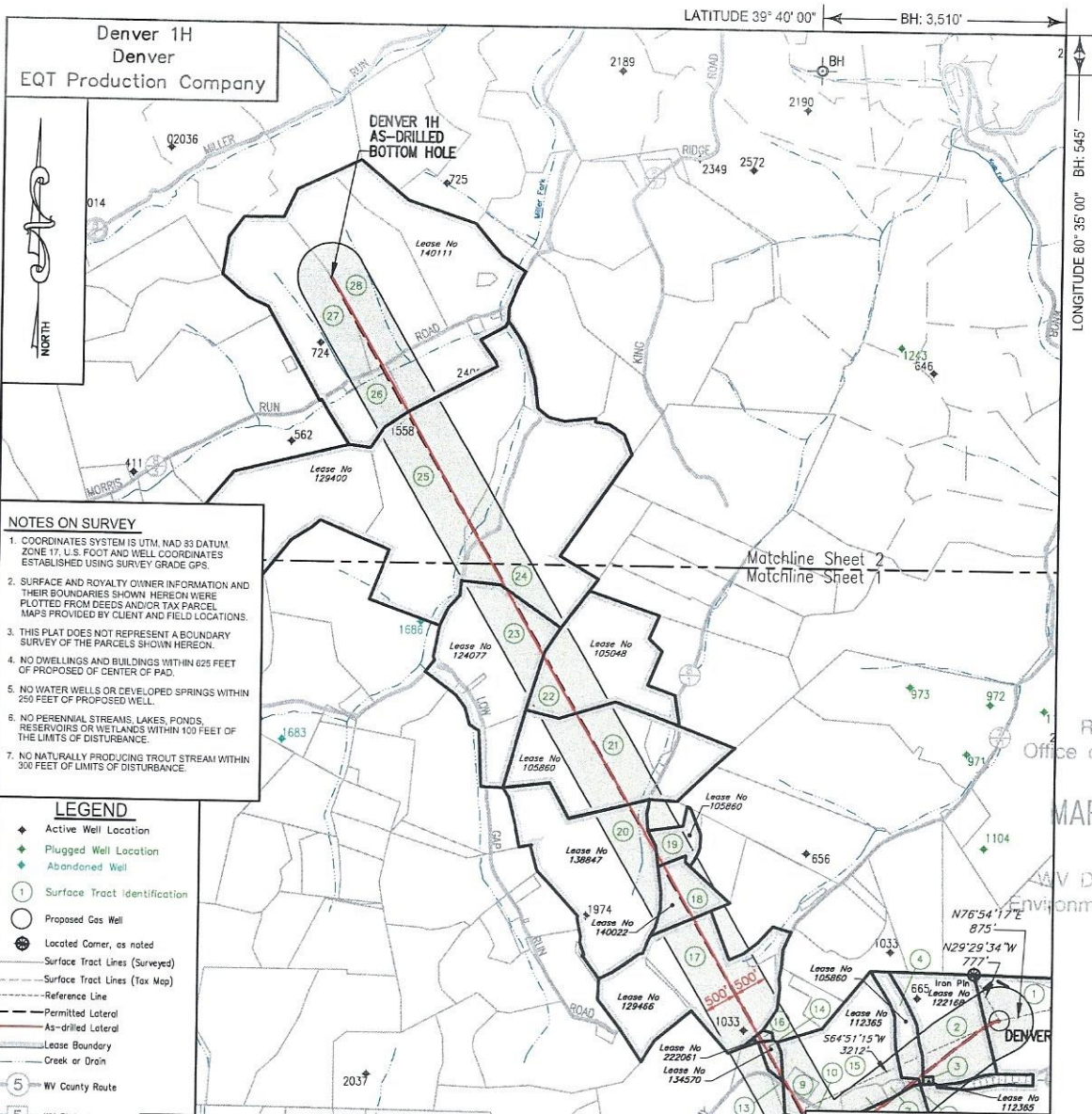
DATE: AUGUST 14 20 23  
OPERATORS WELL NO: Denver 1H  
API WELL NO: 47 - 103 - 03513  
STATE COUNTY PERMIT

WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
 (IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW  
 LOCATION ELEVATION: 1,351' WATERSHED: LOWER WEST VIRGINIA FORK FISH CREEK QUADRANGLE: LITTLETON  
 DISTRICT: Center COUNTY: Wetzel  
 SURFACE OWNER: EQT Production Company ACREAGE: 117.39 ±  
 ROYALTY OWNER: Bounty Minerals, LLC, et al. LEASE NO: 124506 ACREAGE: 128±  
 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: 7,504'  
 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  
Office of Oil and Gas  
MAR 01 2024  
Department of Environmental Protection

AS-DRILLED 06/21/2024





**NOTES ON SURVEY**

- COORDINATES SYSTEM IS UTM, NAD 83 DATUM ZONE 17. U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE OPS.
- 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
  - ◆ Abandoned Well
  - ① Surface Tract identification
  - Proposed Gas Well
  - ⊙ Located Corner, as noted
  - Surface Tract Lines (Surveyed)
  - Surface Tract Lines (Tax Map)
  - Reference Line
  - Permitted Lateral
  - As-drilled Lateral
  - Lease Boundary
  - Creek or Drain
  - 5 WV County Route
  - 5 WV State Route

( ⊕ ) 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.

L. L. S. 687



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



DATE: AUGUST 14 20 23  
OPERATORS WELL NO: Denver 1H  
API WELL NO: 47 - 103 - 03513  
STATE COUNTY PERMIT

WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
(IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW  
LOCATION ELEVATION: 1,351' WATERSHED: LOWER WEST VIRGINIA FORK FISH CREEK QUADRANGLE: LITTLETON  
DISTRICT: Center COUNTY: Wetzel  
SURFACE OWNER: EQT Production Company ACREAGE: 117.39 ±  
ROYALTY OWNER: Bounty Minerals, LLC, et al. LEASE NO: 124506 ACREAGE: 128±  
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: 7,504'  
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  
Office of Oil and Gas  
MAR 01 2024  
WV Department of Environmental Protection

AS-DRILLED 06/21/2024



Denver 1H  
Denver  
EQT Production Company

Tract ID.	Tax Map No.	Parcel No.	County	District	Surface Tract Owner	Acres
1	15	38.0	Wetzel	Center	EQT Production Company	117.39
2	15	41.0	Wetzel	Center	Margo Coman	39.00
3	15	45.0	Wetzel	Center	Margo Coman	0.42
4	15	40.0	Wetzel	Center	Donald D. & Desires J. Shreve	31.25
5	15	63.0	Wetzel	Center	Lora J. Whitman	22.50
6	15	35.2	Wetzel	Center	Donald D. & Desires J. Shreve	0.77
7	15	35.3	Wetzel	Center	Garold C. & Debra L. Postlethwait	1.49
8	15	35.0	Wetzel	Center	Brian K. Titus	5.50
9	15	39.5	Wetzel	Center	Brian K. Titus	3.00
10	15	39.1	Wetzel	Center	David R. & Lana S. White	5.22
11	15	62.0	Wetzel	Center	Lora J. Whitman	60.76
12	15	62.1	Wetzel	Center	David R. & Lana S. White	4.99
13	15	48.0	Wetzel	Center	Margo Coman	2.40
14	15	36.0	Wetzel	Center	Randy C. & Windy A. Huggins	2.60
15	15	39.4	Wetzel	Center	Randy C. & Windy A. Huggins	48.77
16	15	37.0	Wetzel	Center	Low Gap Community Church	0.34
17	15	34.0	Wetzel	Center	George E. Richard E. Firmstone & Emerson Zelmore	48.87
18	15	23.0	Wetzel	Center	Eugene C. Sole & Thomas E. Sole	17.80
19	15	4.0	Wetzel	Center	Ray S. Sapp & Charles Roberts	7.70
20	15	21.0	Wetzel	Center	Ray S. Sapp	89.29
21	15	4.7	Wetzel	Center	Bary L. & Rita A. Clark	67.50
22	11	36.0	Wetzel	Center	Arnold Elmus Hartley	67.50
23	11	31.0	Wetzel	Center	Georgia M. & Gerald F. Rice	61.41
24	11	20.0	Wetzel	Center	Green Dot Farm Inc	108.00
25	11	16.0	Wetzel	Center	Green Dot Farm Inc	158.00
26	11	15.0	Wetzel	Center	Green Dot Farm Inc	132.00
27	11	1.0	Wetzel	Center	Hubert Morris & Billy Morris	43.00
28	11	2.0	Wetzel	Center	EQT Production Company	82.00

Lease	Owner	Acres
124506	Bounty Minerals, LLC, et al.	128 ac
122168	Ridgetop Royalties, LLC	40 ac
105860	Stone Hill Mineral Holdings, LLC	1,694.69 ac
112365	Ridgetop Royalties, LLC, et al.	59.66 ac
104573	Amie N. Ely and Daniel B. Whitman	94.06 ac
215759	David R. White and Lana S. White, JTROS	4.995 ac
134570	Patricia L. Kennedy, et al.	3.14 ac
222061	Dale Ioe	0.375 ac
129466	Alisa Faye Sundy, et al.	84 ac
140022	Forrest O. Miller, et al.	91.36 ac
138847	Ray S. Sapp	97 ac
105048	Stone Hill Minerals Holdings, LLC, et al.	67.5 ac
124077	SW2 Minerals, LLC, et al.	72.5 ac
129400	Timothy J. Ashcraft, et al.	398 ac
140111	TH Exploration II, LLC, et al.	233 ac

**DENVER PAD**

**Notes:**

DENVER 1H Top Hole coordinates are  
 NAD 27 N: 415,406.653 E: 1,701,457.507  
 NAD 27 Lat: 39.635696 Long: -80.560051  
 NAD 83 UTM N: 4,387,425.983 E: 537,769.153

DENVER 1H Landing Point coordinates are  
 NAD 27 N: 414,012.660 E: 1,698,684.700  
 NAD 27 Lat: 39.631775 Long: -80.570192  
 NAD 83 UTM N: 4,386,985.648 E: 536,900.980

DENVER 1H Bottom Hole coordinates are  
 NAD 27 N: 426,239.340 E: 1,691,470.750  
 NAD 27 Lat: 39.665105 Long: -80.595977  
 NAD 83 UTM N: 4,390,675.396 E: 534,671.549

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.

**Well References**

1" = 1000' DENVER 1H

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

SEAL

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 14 20 23 OPERATORS WELL NO: Denver 1H API WELL NO 47 - 103 - 03513 STATE COUNTY PERMIT
--	--	---

WELL TYPE: <input type="checkbox"/> OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> LIQUID INJECTION <input type="checkbox"/> WASTE DISPOSAL (IF GAS) PRODUCTION: <input type="checkbox"/> STORAGE <input type="checkbox"/> DEEP <input checked="" type="checkbox"/> SHALLOW
LOCATION ELEVATION: 1,351' WATERSHED: LOWER WEST VIRGINIA FORK FISH CREEK QUADRANGLE: LITTLETON
DISTRICT: Center COUNTY: Wetzel
SURFACE OWNER: EQT Production Company ACREAGE: 117.39 ± ROYALTY OWNER: Bounty Minerals, LLC, et al. LEASE NO: 124506 ACREAGE: 128 ±
PROPOSED WORK: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> CONVERT <input type="checkbox"/> DRILL DEEPER <input checked="" type="checkbox"/> FRACTURE OR STIMULATE <input type="checkbox"/> PLUG OFF OLD FORMATION <input type="checkbox"/> PERFORATE NEW FORMATION <input type="checkbox"/> OTHER PHYSICAL CHANGE IN WELL (SPECIFY)
<input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus ESTIMATED DEPTH: 7,504'
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  
Office of Oil and Gas  
MAR 01 2024  
WV Department of  
Environmental Protection

AS-DRILLED 06/21/2024