Well Operator's Report of Well Work

Where energy meets innovation.

Well Number: Denver 5H (L-007059)

API: 47 - 103 - 03515

Submission: ☑ Initial ☐ Amended

Notes: Original

APPROVED

06/21/2024

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

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API 47 - 103 - 03515 County Wetzel District Center
Quad Littleton Pad Name DENVER Field/Pool Name N/A
Farm name EQT Production Company Well Number Denver 5H (L007059)
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 4,387,423.239 Easting 537,777.873
Landing Point of Curve Northing 4,387,306.667 Easting 537,420.352
Bottom Hole Northing 4,392,135.051 Easting 534,501.013

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 13.32 ppg barium sulfate, sodium chloride, xanthan gum, polyanionic cellulose, modified starch, sodium hydroxide, phosphonates and alkyl phophates, 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 08/18/2023
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 771,1009,1091 Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

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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"	1191'	NEW	J-55 54.5#	1062'	Y
Coal							
Intermediate 1	12-3/8"	9-5/8"	2624'	NEW	J-55 36#	N/A	Y
Intermediate 2							
Intermediate 3							
Production	8-3/4", 8-1/2"	6"	26,475'	NEW	P-110 24#	N/A	N
Tubing							
Packer type and depth set							

Comment Details Production Cement job has a calculated TOC of 985' 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	1050	16.0	1.09	1144	0	8
Coal							
Intermediate 1	CLASS L	960	15.6	1.14	1094	0	8
Intermediate 2							
Intermediate 3							
Production	CLASS A	4380	15.0	1.18	5168	985'	8+
Tubing							

Drillers TD (ft) 26,502' Loggers TD (ft) N/A

Deepest formation penetrated MARCELLUS Plug back to (ft) N/A

Plug back procedure N/A

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Kick off depth (ft) 2,700'

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 7964' AND EVERY JOINT TO 2091'

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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PERFORATION RECORD

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

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)
	See	Attached						

Please insert additional pages as applicable.

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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 NAME	TOP DEPTH IN FT TVD	BOTTOM DEPTH IN FT TVD	TOP DEPTH IN FT MD	BOTTOM DEPTH IN FT MD	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H_2S, ETC)
	0		0		
*	See	Attached			

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Please insert additional pages as applicable.

Drilling Contractor Patterson UTI (Rig 292)
Address 207 Carlton Dr City Eighty Four State PA Zip 15330

Logging Company Baker Hughes
Address 400 Technology Dr Suite 100 City Canonsburg State PA Zip 15317

Cementing Company Halliburton
Address 121 Champion Way Suite 110 City Canonsburg State PA Zip 15317

Cementing Company Universal Pressure Pumping, Inc.
Address 13549 S. Moisertown Road City Meadville State PA Zip 16335
Please insert additional pages as applicable.

Completed by Adam Hughey Telephone 724-579-5475
Signature _____ Title Director of Completions Date 2/16/2024

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

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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 # DENVER 5H (L007059) Final Formations API# 47-103-03515				
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	1,009	1,009
Sewickley Coal	1,009	1,009	1,011	1,011
Sand/Shale	1,011	1,011	1,091	1,091
Pittsburgh Coal	1,091	1,091	1,100	1,100
Sand/Shale	1,100	1,100	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	2,990
Gantz	2,991	2,990	3,170	3,168
Fifty foot	3,170	3,168	3,214	3,211
Sand/Shale	3,214	3,211	3,237	3,234
Thirty foot	3,237	3,234	3,264	3,260
Sand/Shale	3,264	3,260	3,316	3,311
Bayard	3,316	3,311	3,444	3,436
Sand/Shale	3,444	3,436	3,828	3,805
Speechley	3,828	3,805	3,905	3,879
Balltown	3,905	3,879	4,232	4,194
Bradford	4,232	4,194	4,362	4,319
Sand/Shale	4,362	4,319	5,371	5,284
Benson	5,371	5,284	5,781	5,678
Alexander	5,781	5,678	6,233	6,109
Elk	6,233	6,109	7,179	7,009
Sonyea	7,179	7,009	7,348	7,157
Middlesex	7,348	7,157	7,403	7,200
Genesee	7,403	7,200	7,511	7,277
Geneseo	7,511	7,277	7,556	7,306
Tully	7,556	7,306	7,592	7,327
Hamilton	7,592	7,327	7,845	7,430
Marcellus	7,845	7,430	26,502	7,491

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Perforation Data

Stage_Number	Perf_Date	Depth_Bottom	Depth_Top	Shot_Count	Formation
2	10/19/2023	26389	26227	36	Marcellus
3	10/19/2023	26208	26046	36	Marcellus
4	10/20/2023	26027	25865	36	Marcellus
5	10/20/2023	25846	25684	36	Marcellus
6	10/20/2023	25665	25503	36	Marcellus
7	10/21/2023	25484	25303	40	Marcellus
8	10/21/2023	25284	25102	40	Marcellus
9	10/22/2023	25083	24902	40	Marcellus
10	10/22/2023	24883	24701	40	Marcellus
11	10/22/2023	24682	24501	40	Marcellus
12	10/23/2023	24482	24300	40	Marcellus
13	10/23/2023	24281	24100	40	Marcellus
14	10/24/2023	24081	23899	40	Marcellus
15	10/24/2023	23880	23699	40	Marcellus
16	10/25/2023	23680	23498	40	Marcellus
17	10/25/2023	23479	23298	40	Marcellus
18	10/25/2023	23279	23097	40	Marcellus
19	10/26/2023	23078	22897	40	Marcellus
20	10/26/2023	22878	22696	40	Marcellus
21	10/27/2023	22677	22496	40	Marcellus
22	10/27/2023	22477	22295	40	Marcellus
23	10/27/2023	22276	22095	40	Marcellus
24	10/28/2023	22076	21894	40	Marcellus
25	10/28/2023	21875	21694	40	Marcellus
26	10/29/2023	21675	21493	40	Marcellus
27	10/29/2023	21474	21293	40	Marcellus
28	10/30/2023	21274	21092	40	Marcellus
29	10/30/2023	21073	20892	40	Marcellus
30	10/30/2023	20873	20691	40	Marcellus
31	10/30/2023	20672	20491	40	Marcellus
32	10/31/2023	20472	20290	40	Marcellus
33	10/31/2023	20271	20090	40	Marcellus
34	10/31/2023	20071	19889	40	Marcellus
35	10/31/2023	19870	19689	40	Marcellus
36	10/31/2023	19670	19488	40	Marcellus
37	10/31/2023	19469	19288	40	Marcellus
38	11/01/2023	19269	19087	40	Marcellus
39	11/01/2023	19068	18887	40	Marcellus
40	11/01/2023	18868	18686	40	Marcellus
41	11/01/2023	18667	18486	40	Marcellus
42	11/01/2023	18467	18285	40	Marcellus
43	11/02/2023	18266	18085	40	Marcellus
44	11/02/2023	18066	17884	40	Marcellus
45	11/02/2023	17865	17684	40	Marcellus
46	11/02/2023	17665	17483	40	Marcellus
47	11/03/2023	17464	17283	40	Marcellus

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48	11/03/2023	17264	17082	40	Marcellus
49	11/04/2023	17063	16882	40	Marcellus
50	11/04/2023	16863	16681	40	Marcellus
51	11/05/2023	16662	16481	40	Marcellus
52	11/05/2023	16462	16280	40	Marcellus
53	11/05/2023	16261	16080	40	Marcellus
54	11/05/2023	16061	15879	40	Marcellus
55	11/05/2023	15860	15679	40	Marcellus
56	11/06/2023	15660	15478	40	Marcellus
57	11/07/2023	15459	15278	40	Marcellus
58	11/07/2023	15259	15077	40	Marcellus
59	11/08/2023	15058	14877	40	Marcellus
60	11/08/2023	14858	14676	40	Marcellus
61	11/09/2023	14657	14476	40	Marcellus
62	11/09/2023	14457	14275	40	Marcellus
63	11/09/2023	14256	14075	40	Marcellus
64	11/09/2023	14056	13874	40	Marcellus
65	11/10/2023	13855	13674	40	Marcellus
66	11/10/2023	13655	13473	40	Marcellus
67	11/10/2023	13454	13273	40	Marcellus
68	11/11/2023	13254	13072	40	Marcellus
69	11/12/2023	13053	12872	40	Marcellus
70	11/12/2023	12853	12671	40	Marcellus
71	11/12/2023	12652	12471	40	Marcellus
72	11/12/2023	12452	12270	40	Marcellus
73	11/13/2023	12251	12070	40	Marcellus
74	11/13/2023	12051	11869	40	Marcellus
75	11/13/2023	11850	11669	40	Marcellus
76	11/14/2023	11650	11468	40	Marcellus
77	11/14/2023	11449	11268	40	Marcellus
78	11/14/2023	11249	11067	40	Marcellus
79	11/14/2023	11048	10867	40	Marcellus
80	11/15/2023	10848	10666	40	Marcellus
81	11/16/2023	10647	10466	40	Marcellus
82	11/16/2023	10447	10265	40	Marcellus
83	11/16/2023	10246	10065	40	Marcellus
84	11/16/2023	10046	9864	40	Marcellus
85	11/16/2023	9845	9664	40	Marcellus
86	11/17/2023	9645	9463	40	Marcellus
87	11/17/2023	9444	9263	40	Marcellus
88	11/17/2023	9244	9062	40	Marcellus
89	11/18/2023	9043	8862	40	Marcellus
90	11/18/2023	8843	8661	40	Marcellus
91	11/18/2023	8642	8461	40	Marcellus
92	11/19/2023	8442	8260	40	Marcellus
93	11/19/2023	8241	8060	40	Marcellus
94	11/21/2023	8041	7879	36	Marcellus

Stimulation Data

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
10/19/2023	1	86	9132	6747	4411	176073	4465	Sand	100 MESH;
10/20/2023	2	90	9219	7379	5387	396002	8610	Sand	100 MESH;
10/20/2023	3	94	9272	6246	5773	397151	8617	Sand	100 MESH;
10/20/2023	4	92	9259	6390	5245	396074	8618	Sand	100 MESH;
10/22/2023	5	88	8990	5914	5537	440023	9568	Sand	100 MESH;
10/21/2023	6	95	9187	6601	5771	396013	8617	Sand	100 MESH;
10/22/2023	7	88	8984	5914	5700	440023	9568	Sand	100 MESH;
10/22/2023	8	99	9305	6366	5680	440018	9564	Sand	100 MESH;
10/22/2023	9	90	9355	6895	5433	440059	9538	Sand	100 MESH;
10/23/2023	10	90	9369	6349	5487	440058	9542	Sand	100 MESH;
10/23/2023	11	94	9197	6644	4692	440021	9582	Sand	100 MESH;
10/24/2023	12	96	9256	7157	5385	440141	9533	Sand	100 MESH;
10/24/2023	13	100	9300	6200	5348	440049	9541	Sand	100 MESH;
10/24/2023	14	100	9288	6893	5118	440045	9541	Sand	100 MESH;
10/25/2023	15	99	9167	6548	5601	440217	9543	Sand	100 MESH;
10/25/2023	16	99	9214	5798	5360	440068	9539	Sand	100 MESH;
10/26/2023	17	99	9087	6586	5333	440250	9544	Sand	100 MESH;
10/26/2023	18	99	9010	6367	5267	440241	9550	Sand	100 MESH;
10/26/2023	19	100	9043	6560	4943	440448	9570	Sand	100 MESH;
10/27/2023	20	98	9029	6529	5686	440124	9542	Sand	100 MESH;
10/27/2023	21	97	9183	5877	5128	440442	9554	Sand	100 MESH;
10/27/2023	22	98	9122	5838	5167	440173	9537	Sand	100 MESH;
10/28/2023	23	99	9027	6442	4955	440144	9536	Sand	100 MESH;
10/28/2023	24	99	9128	6571	4764	440453	9551	Sand	100 MESH;
10/29/2023	25	94	8733	6513	4820	440213	9548	Sand	100 MESH;
10/30/2023	26	97	9143	6079	5243	440208	9540	Sand	100 MESH;
10/30/2023	27	99	9080	6494	4701	440197	9549	Sand	100 MESH;
10/30/2023	28	98	9060	6483	4786	440497	11123	Sand	100 MESH;
10/30/2023	29	99	9101	6301	4660	440783	9548	Sand	100 MESH;
10/30/2023	30	95	8881	6139	4725	440377	9537	Sand	100 MESH;
10/31/2023	31	96	8825	6298	4704	440275	9540	Sand	100 MESH;
10/31/2023	32	98	8957	6564	4789	440479	9579	Sand	100 MESH;
10/31/2023	33	99	9077	6379	5070	440458	9562	Sand	100 MESH;
10/31/2023	34	97	9056	6735	4839	440381	9556	Sand	100 MESH;
10/31/2023	35	98	9125	6508	4722	440239	9552	Sand	100 MESH;
11/01/2023	36	98	9122	6615	4439	440039	9560	Sand	100 MESH;
11/01/2023	37	100	9063	6522	4762	440180	9541	Sand	100 MESH;
11/01/2023	38	99	9066	6814	4952	440393	9612	Sand	100 MESH;
11/01/2023	39	100	8945	6725	4952	440347	9558	Sand	100 MESH;
11/01/2023	40	99	9091	6754	4961	440389	9570	Sand	100 MESH;
11/02/2023	41	100	8982	6650	5009	440143	9534	Sand	100 MESH;
11/02/2023	42	100	8849	6397	5066	440024	9538	Sand	100 MESH;
11/02/2023	43	97	8933	6698	4895	440135	9540	Sand	100 MESH;
11/02/2023	44	99	9090	6862	4964	440206	9540	Sand	100 MESH;
11/02/2023	45	98	9032	6819	4412	440279	9557	Sand	100 MESH;
11/03/2023	46	98	8862	6855	4657	440409	9551	Sand	100 MESH;
11/03/2023	47	99	8875	6863	4201	440112	9544	Sand	100 MESH;
11/04/2023	48	98	8878	7051	4648	440715	9554	Sand	100 MESH;
11/04/2023	49	99	8947	6566	4457	440749	9571	Sand	100 MESH;
11/05/2023	50	99	8998	6630	4515	440355	9562	Sand	100 MESH;
11/05/2023	51	98	9042	6511	5022	440309	9573	Sand	100 MESH;
11/05/2023	52	100	8675	6703	5379	440328	10243	Sand	100 MESH;
11/05/2023	53	99	8867	6507	4878	440346	9556	Sand	100 MESH;
11/06/2023	54	99	8973	6724	5015	440371	9552	Sand	100 MESH;
11/06/2023	55	99	8953	6497	5250	440410	9556	Sand	100 MESH;
11/06/2023	56	94	8560	6609	4477	440757	9573	Sand	100 MESH;
11/06/2023	57	99	8863	6648	4446	440355	9553	Sand	100 MESH;
11/08/2023	58	100	8935	6434	4842	440280	9553	Sand	100 MESH;
11/08/2023	59	100	8852	6856	4486	440941	9565	Sand	100 MESH;

11/09/2023	60		9006	6692	4447	440328	9615 Sand	100 MESH;
11/09/2023	61	97	8604	6458	4190	440126	9550 Sand	100 MESH;
11/09/2023	62	100	8818	6517	4579	440168	9557 Sand	100 MESH;
11/10/2023	63	95	9060	7096	4481	440098	9541 Sand	100 MESH;
11/10/2023	64	95	8964	7327	4407	439502	9635 Sand	100 MESH;
11/10/2023	65	100	8558	7035	4439	440216	9549 Sand	100 MESH;
11/11/2023	66	100	8595	6406	4414	440063	9543 Sand	100 MESH;
11/12/2023	67	100	8379	6452	4618	440124	9540 Sand	100 MESH;
11/12/2023	68	100	8759	6367	4596	440093	9563 Sand	100 MESH;
11/13/2023	69	100	8557	6527	4458	440101	9540 Sand	100 MESH;
11/13/2023	70	99	8364	6542	4474	440110	9539 Sand	100 MESH;
11/13/2023	71	100	8443	6526	4632	440038	9546 Sand	100 MESH;
11/13/2023	72	101	8585	6185	4149	440111	9544 Sand	100 MESH;
11/13/2023	73	100	8441	6826	4896	440071	9548 Sand	100 MESH;
11/14/2023	74	101	8597	6374	4113	440061	9537 Sand	100 MESH;
11/14/2023	75	100	8112	6341	4414	440073	9545 Sand	100 MESH;
11/15/2023	76	101	8567	6563	4353	440201	9521 Sand	100 MESH;
11/15/2023	77	100	7968	6683	4578	440003	9548 Sand	100 MESH;
11/15/2023	78	100	8069	6499	4575	440085	9531 Sand	100 MESH;
11/15/2023	79	100	8192	6384	4766	440167	9528 Sand	100 MESH;
11/16/2023	80	100	7974	6726	4712	440133	9542 Sand	100 MESH;
11/16/2023	81	100	8038	6041	4537	440101	9535 Sand	100 MESH;
11/16/2023	82	99	8320	6697	4718	439810	9535 Sand	100 MESH;
11/17/2023	83	100	8017	6482	4659	440085	9536 Sand	100 MESH;
11/17/2023	84	100	7947	6605	4552	440098	9536 Sand	100 MESH;
11/17/2023	85	91	7917	6982	4248	440203	9532 Sand	100 MESH;
11/18/2023	86	100	8097	6774	4350	440022	9544 Sand	100 MESH;
11/18/2023	87	100	8065	6158	4602	440089	9547 Sand	100 MESH;
11/18/2023	88	100	7890	6442	4292	440615	9559 Sand	100 MESH;
11/19/2023	89	100	7901	6427	4296	440152	9554 Sand	100 MESH;
11/19/2023	90	100	8057	6900	4871	440198	9553 Sand	100 MESH;
11/21/2023	91	100	7810	6732	4545	440227	9565 Sand	100 MESH;
11/21/2023	92	100	7557	6388	4564	440196	9550 Sand	100 MESH;
11/21/2023	93	100	7769	6970	4392	441180	9544 Sand	100 MESH;
	94	100	8087	6067	4416	396173	8637 Sand	100 MESH;

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:	47-103-03515-00-00
Operator Name:	EQT Production
Well Name and Number:	Denver 5H
Latitude:	39.635753
Longitude:	-80.559758
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	7519
Total Base Water Volume (gal)*:	39342324
Total Base Non Water Volume:	0

FracFocus Chemical Disclosure Registry

Water Source	Percent

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	88.79816	None
Sand (Proppant)	EQT	Proppant					
			Silica Substrate	14808-60-7	100.00000	11.06165	None
Clearal 268	ChemStream	Biocide					
			Non-hazardous substances	Proprietary	80.00000	0.00901	None
StimSTREAM FR 9800	ChemStream	Friction Reducer					
			Copolymer of 2-propenamide	Proprietary	30.00000	0.00800	None
StimSTREAM SC-398	ChemStream	Scale Inhibitor					
			Non-hazardous substances	Proprietary	90.00000	0.00765	None
StimSTREAM	ChemStream	Friction					

06/21/2024

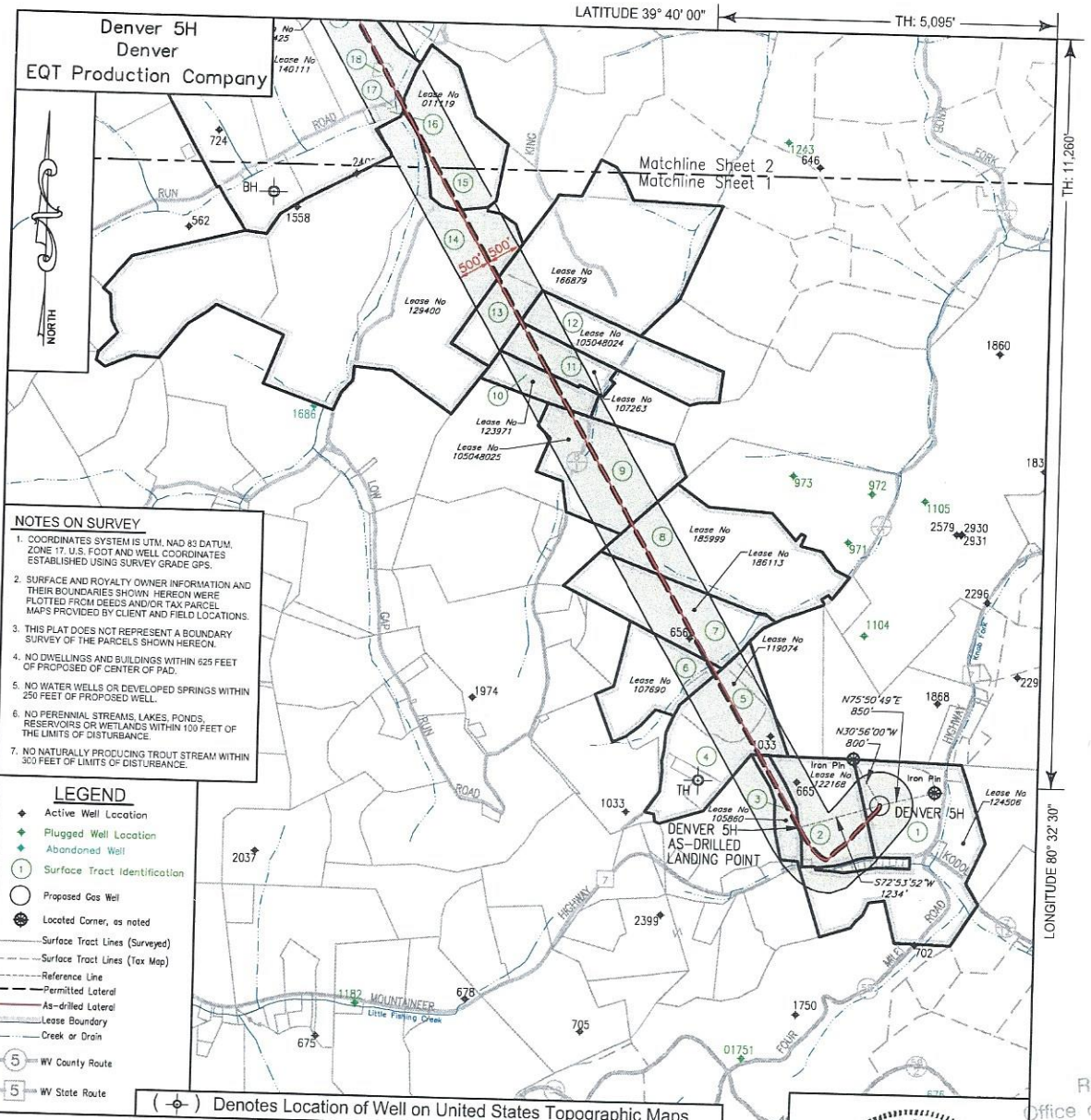
FR 9800		Reducer					
			Petroleum Distillate	64742-47-8	20.00000	0.00356	None
Enviro-Syn HCR-7000-WL	Fluid Energy Group Ltd.	Synthenic Acid					
			Proprietary	Proprietary	20.00000	0.00111	None
Clearal 268	ChemStream	Biocide					
			Glutaraldehyde	111-30-8	20.00000	0.00056	None
Enviro-Syn HCR-7000-WL	Fluid Energy Group Ltd.	Synthenic Acid					
			Proprietary	Proprietary	10.00000	0.00028	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	0.00004	None
StimSTREAM FR 9800	ChemStream	Friction Reducer					
			Oleic Acid Diethanolamide	93-83-4	2.00000	0.00004	None
Clearal 268	ChemStream	Biocide					
			Quaternary Ammonium Compounds	68424-85-1	3.00000	0.00001	None
Clearal 268	ChemStream	Biocide					
			Didecyl dimethyl ammonium chloride	7173-51-5	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)

Denver 5H
Denver
EQT Production Company



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 CENTER OF PAD.
5. NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250 FEET OF PROPOSED WELL.
6. NO PERENNIAL STREAMS, LAKES, PONDS, RESERVOIRS OR WETLANDS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
7. 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

KEYSTONE CONSULTANTS LLC

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. 687

THOMAS C. SMITH LICENSED No. 687 STATE OF WEST VIRGINIA LAND SURVEYOR

SEAL

RECEIVED
Office of Oil and Gas
MAR 01 2024
WV Department of Environmental Protection

FILE NO:
DRAWING NO:
SCALE: 1" = 2000'
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 22 20 23
OPERATORS WELL NO: Denver 5H
API WELL NO
47 - 103 - 03515
STATE COUNTY PERMIT

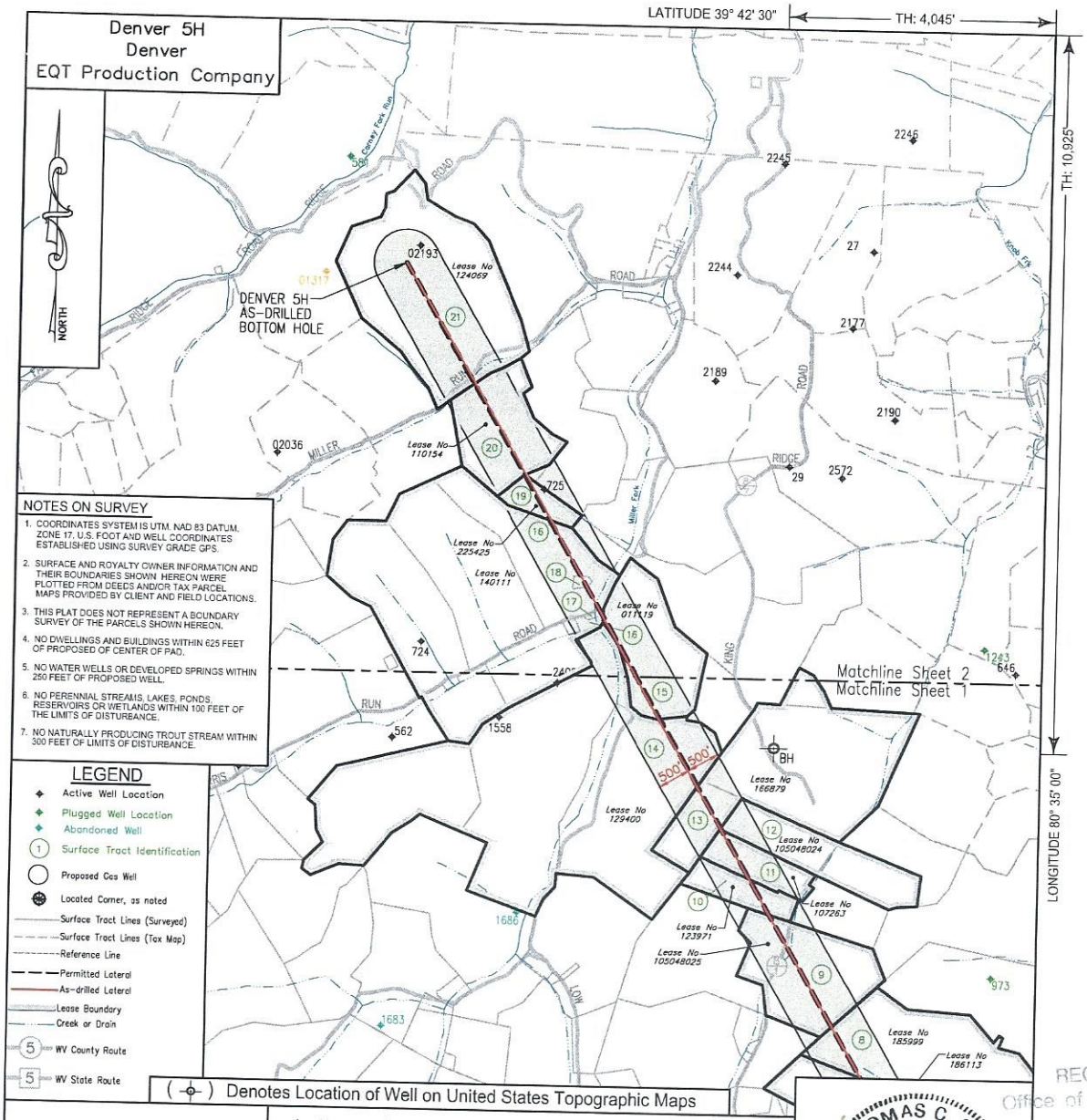
WELL TYPE: ☐ OIL ☒ GAS ☐ LIQUID INJECTION ☐ WASTE DISPOSAL
(IF GAS) PRODUCTION: ☐ STORAGE ☐ DEEP ☒ SHALLOW
LOCATION ELEVATION: 1,351' WATERSHED: LOWER WEST VIRGINIA FORK FISH CREEK QUADRANGLE: LITTLETON
DISTRICT: Center COUNTY: Wetzel
SURFACE OWNER: EQT Production Company ACREAGE: 117.39 ±
ROYALTY OWNER: 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: 7,519'

WELL OPERATOR: EQT Production Company
ADDRESS: 400 Woodcliff Drive
Canonsburg, PA 15317

DESIGNATED AGENT: Joseph C Mallow
ADDRESS: 427 Midstate Drive
Clarksburg, WV 26301

AS-DRILLED 06/21/2024

Denver 5H
Denver
EQT Production Company



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L. L. S. 687

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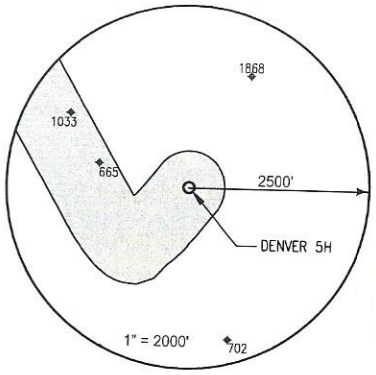
Denver 5H
Denver
EQT Production Company

Tract ID.	Tax Map No.	Parcel No.	County	District	Surface Tract Owner	Acres
1	16	38.0	Wetzel	Center	EQT Production Company	117.39
2	15	41.0	Wetzel	Center	Margo Coman	39.00
3	15	40.0	Wetzel	Center	Donald D. & Desiree J. Shreve	31.25
4	15	25.2	Wetzel	Center	Kevin Pyles	24.37
5	15	25.0	Wetzel	Center	Donald E. & Misty D. Moore	26.81
6	15	24.0	Wetzel	Center	Robert Blake & Marcella	36.50
7	15	6.0	Wetzel	Center	Billy L. White	53.39
8	15	7.0	Wetzel	Center	Steven P. Barbe & James R. Barbe	99.00
9	11	37.0	Wetzel	Center	Ray S. Sapp	57.50
10	11	35.0	Wetzel	Center	Ray S. Sapp	17.75
11	11	34.0	Wetzel	Center	Timmy Ray Sapp Sr. & Stanley Ray Sapp	21.75
12	11	33.0	Wetzel	Center	Ray S Sapp	22.50
13	11	32.0	Wetzel	Center	Edith Miller EST	20.00
14	11	20.0	Wetzel	Center	Green Dot Farm Inc	108.00
15	11	19	Wetzel	Center	Roger Gene & Avis Sapp & Lovern Trust	62
16	11	3	Wetzel	Center	Roger Gene & Avis Sapp & Lovern Trust	42
17	11	18	Wetzel	Center	Church of Christ	0.87
18	11	4	Wetzel	Center	Morris Cemetery	1.2
19	8	39	Wetzel	Center	Robert E Dorsey Sr.	56
20	8	38	Wetzel	Center	Lawrence D Taylor ET AL	46.5
21	8	37	Wetzel	Center	Robert Dorsey	129.75



Lease	Owner	Acres
124506	Bounty Minerals, LLC, et al.	128 ac
122168	Ridgetop Royalties, LLC	40 ac
105860	Stone Hill Minerals Holdings, LLC	1,694.69 ac
119074	Bounty Minerals, LLC, et al.	71 ac
107690	Beulah Deloris Ballard, et al.	40 ac
186113	William H. Wood, et al.	53 ac
185999	William H. Wood, et al.	99 ac
105048025	Ray S. Sapp, et al.	57.5 ac
123971	Ray S. Sapp, et al.	17.75 ac
107263	Ray S. Sapp, et al.	21.75 ac
105048024	Ray S. Sapp, et al.	22.125 ac
166879	Shiben Estates, Inc.	20 ac / 523.298750 ac lease total
129400	Timothy J. Ashcraft, et al.	398 ac
011119	Bounty Minerals, LLC	58 ac
140111	TH Exploration II, LLC, et al.	233 ac
225425	Green Dot Farm, Inc., et al.	10.75 ac
110154	Piney Holdings, Inc., et al.	319 ac
124069	Charles Eugene Musgrave, et al.	129.75 ac

Notes:

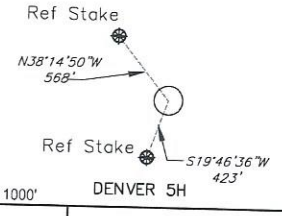
DENVER 5H Top Hole coordinates are
NAD 27 N: 415,397.169 E: 1,701,485.969
NAD 27 Lat: 39.635671 Long: -80.559950
NAD 83 UTM N: 4,387,423.239 E: 537,777.873

DENVER 5H Landing Point coordinates are
NAD 27 N: 415,034.270 E: 1,700,306.440
NAD 27 Lat: 39.634636 Long: -80.564122
NAD 83 UTM N: 4,387,306.667 E: 537,420.352

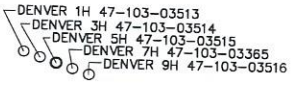
DENVER 5H Bottom Hole coordinates are
NAD 27 N: 431,038.440 E: 1,690,990.960
NAD 27 Lat: 39.678264 Long: -80.597890
NAD 83 UTM N: 4,392,135.051 E: 534,501.013

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



DENVER PAD



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