

Well Operator's Report of Well Work



Where energy meets innovation.

Well Number: Denver 3H (L-002952)

API: 47 - 103 - 03514

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

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API 47 - 103 - 03514 County Wetzel District Center
Quad Littleton Pad Name DENVER Field/Pool Name N/A
Farm name Audrey L. Lavelle Well Number Denver 3H (L002952)
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 4,387,424.611 Easting 537,773.513
Landing Point of Curve Northing 4,387,148.802 Easting 537,143.259
Bottom Hole Northing 4,390,832.642 Easting 534,933.312

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 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 08/12/2023
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

Reviewed by:

SAK
06/21/2024

API 47-103 - 03514

Farm name Audrey L. Lavelle

Well number Denver 3H (L002952)

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"	1180'	NEW	J-55 54.5#	1052'	Y
Coal							
Intermediate 1	12-3/8"	9-5/8"	2610'	NEW	J-55 36#	N/A	Y
Intermediate 2							
Intermediate 3							
Production	8-3/4", 8-1/2"	6"	22,449'	NEW	P-110 24#	N/A	N
Tubing							
Packer type and depth set							

Comment Details Production Cement job has a calculated TOC of 1166' 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	1045	16.0	1.09	1139	0	8
Coal							
Intermediate 1	CLASS L	960	15.6	1.14	1094	0	8
Intermediate 2							
Intermediate 3							
Production	CLASS A	3680	15.0	1.18	4342	1166'	8+
Tubing							

Drillers TD (ft) 22,467'

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) 2,701'

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Check all wireline logs run

☐ caliper☐ density☒ deviated/directional☐ induction☐ neutron☐ resistivity☒ gamma ray☐ temperature☐ sonicWell cored ☐ Yes ☒ No☐ Conventional☐ SidewallWere 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 8385' AND EVERY JOINT TO 2097'

WAS WELL COMPLETED AS SHOT HOLE ☐ Yes ☐ No DETAILSWAS WELL COMPLETED OPEN HOLE? ☐ Yes ☐ No DETAILSWERE TRACERS USED ☐ Yes ☐ No TYPE OF TRACER(S) USED

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Farm name Audrey L. Lavelle

Well number Denver 3H (L002952)

PERFORATION RECORD

[illegible]

Please insert additional pages as applicable.

STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

[illegible]

Please insert additional pages as applicable.

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Well number Denver 3H (L002952)

DEPTHS

Please insert additional pages as applicable.

OPEN FLOW Gas Oil NGL Water GAS MEASURED BY
 _____ mcfpd _____ bpd _____ bpd _____ bpd ☐ Estimated ☐ Orifice ☐ Pilot

DESCRIBE ROCK TYPE AND RECORD QUANTITY AND
TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H₂S, ETC)

	NAME TVE	TVE	MD	MD	TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H ₂ S, ETC)
	0		0		
*	See	Attached			
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Attach copy of FRACFOCUS Registry

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API 47- 103 - 03514 Farm name Audrey L. Lavelle Well number Denver 3H (L002952)

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 3H (L002952) Final Formations API# 47-103-03514				
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	3,167
Fifty foot	3,170	3,167	3,214	3,211
Sand/Shale	3,214	3,211	3,237	3,233
Thirty foot	3,237	3,233	3,264	3,260
Sand/Shale	3,264	3,260	3,316	3,310
Bayard	3,316	3,310	3,444	3,434
Sand/Shale	3,444	3,434	3,828	3,799
Speechley	3,828	3,799	3,905	3,870
Balltown	3,905	3,870	4,232	4,160
Bradford	4,232	4,160	4,362	4,272
Sand/Shale	4,362	4,272	5,371	5,154
Benson	5,371	5,154	5,781	5,511
Alexander	5,781	5,511	6,233	5,901
Elk	6,233	5,901	7,500	7,001
Sonyea	7,500	7,001	7,677	7,148
Middlesex	7,677	7,148	7,732	7,191
Genesee	7,732	7,191	7,843	7,269
Geneseo	7,843	7,269	7,890	7,298
Tully	7,890	7,298	7,927	7,319
Hamilton	7,927	7,319	8,185	7,421
Marcellus	8,185	7,421	22,467	7,492

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Perforation Data

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Stage_Number	Perf_Date	Depth_Bottom	Depth_Top	Shot_Count	Formation
2	10/14/2023	22361	22180	40	Marcellus
3	10/14/2023	22161	21981	40	Marcellus
4	10/15/2023	21962	21781	40	Marcellus
5	10/15/2023	21762	21582	40	Marcellus
6	10/15/2023	21563	21382	40	Marcellus
7	10/15/2023	21363	21183	40	Marcellus
8	10/15/2023	21164	20983	40	Marcellus
9	10/16/2023	20964	20784	40	Marcellus
10	10/16/2023	20765	20584	40	Marcellus
11	10/16/2023	20565	20385	40	Marcellus
12	10/16/2023	20366	20185	40	Marcellus
13	10/17/2023	20166	19986	40	Marcellus
14	10/17/2023	19967	19786	40	Marcellus
15	10/17/2023	19767	19587	40	Marcellus
16	10/17/2023	19568	19387	40	Marcellus
17	10/18/2023	19368	19188	40	Marcellus
18	10/18/2023	19169	18988	40	Marcellus
19	10/19/2023	18969	18789	40	Marcellus
20	10/19/2023	18770	18589	40	Marcellus
21	10/19/2023	18570	18390	40	Marcellus
22	10/20/2023	18371	18190	40	Marcellus
23	10/20/2023	18171	17991	40	Marcellus
24	10/20/2023	17972	17791	40	Marcellus
25	10/20/2023	17772	17592	40	Marcellus
26	10/21/2023	17573	17392	40	Marcellus
27	10/21/2023	17373	17193	40	Marcellus
28	10/22/2023	17174	16993	40	Marcellus
29	10/22/2023	16974	16794	40	Marcellus
30	10/22/2023	16775	16594	40	Marcellus
31	10/23/2023	16575	16395	40	Marcellus
32	10/23/2023	16376	16195	40	Marcellus
33	10/24/2023	16176	15996	40	Marcellus
34	10/24/2023	15977	15796	40	Marcellus
35	10/24/2023	15777	15597	40	Marcellus
36	10/25/2023	15578	15397	40	Marcellus
37	10/25/2023	15378	15198	40	Marcellus
38	10/26/2023	15179	14998	40	Marcellus
39	10/26/2023	14979	14799	40	Marcellus
40	10/26/2023	14780	14599	40	Marcellus
41	10/27/2023	14580	14400	40	Marcellus
42	10/27/2023	14381	14200	40	Marcellus
43	10/27/2023	14181	14001	40	Marcellus
44	10/28/2023	13982	13801	40	Marcellus
45	10/28/2023	13782	13602	40	Marcellus
46	10/29/2023	13583	13402	40	Marcellus
47	10/29/2023	13383	13203	40	Marcellus

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48 10/30/2023	13184	13003	40 Marcellus
49 10/30/2023	12984	12804	40 Marcellus
50 10/30/2023	12785	12604	40 Marcellus
51 10/30/2023	12585	12405	40 Marcellus
52 10/31/2023	12386	12205	40 Marcellus
53 10/31/2023	12186	12006	40 Marcellus
54 10/31/2023	11987	11806	40 Marcellus
55 10/31/2023	11787	11607	40 Marcellus
56 10/31/2023	11588	11407	40 Marcellus
57 11/01/2023	11388	11208	40 Marcellus
58 11/01/2023	11189	11008	40 Marcellus
59 11/01/2023	10989	10809	40 Marcellus
60 11/01/2023	10790	10609	40 Marcellus
61 11/01/2023	10590	10410	40 Marcellus
62 11/02/2023	10391	10210	40 Marcellus
63 11/02/2023	10191	10011	40 Marcellus
64 11/02/2023	9992	9811	40 Marcellus
65 11/02/2023	9792	9612	40 Marcellus
66 11/02/2023	9593	9412	40 Marcellus
67 11/03/2023	9393	9213	40 Marcellus
68 11/03/2023	9194	9013	40 Marcellus
69 11/04/2023	8994	8814	40 Marcellus
70 11/04/2023	8795	8614	40 Marcellus
71 11/04/2023	8595	8415	40 Marcellus
72 11/04/2023	8396	8215	40 Marcellus

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Stimulation Data

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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	87		8733	6295 4243	176033		4972 Sand	100 MESH;
10/14/2023	2	99		9128	6174 4367	440300		9506 Sand	100 MESH;
10/15/2023	3	100		9103	5731 4372	440564		9514 Sand	100 MESH;
10/15/2023	4	100		9163	6209 4709	440046		9499 Sand	100 MESH;
10/15/2023	5	100		9014	5936 5281	440168		9485 Sand	100 MESH;
10/15/2023	6	100		9286	6096 4699	440081		9489 Sand	100 MESH;
10/16/2023	7	100		9045	5901 5236	440201		9506 Sand	100 MESH;
10/16/2023	8	99		9115	5805 4216	440151		9492 Sand	100 MESH;
10/16/2023	9	100		8971	6057 4468	440190		9495 Sand	100 MESH;
10/16/2023	10	100		9216	6014 4627	440054		9494 Sand	100 MESH;
10/17/2023	11	100		9186	5889 4363	440220		9497 Sand	100 MESH;
10/17/2023	12	100		9162	5335 4347	440053		9490 Sand	100 MESH;
10/17/2023	13	95		9000	5935 4750	440035		9491 Sand	100 MESH;
10/17/2023	14	100		9257	6166 4696	440093		9496 Sand	100 MESH;
10/18/2023	15	100		9136	6399 5385	440104		9502 Sand	100 MESH;
10/18/2023	16	100		9186	6630 4711	440170		9486 Sand	100 MESH;
10/19/2023	17	100		9132	6471 4987	439978		9487 Sand	100 MESH;
10/19/2023	18	100		9108	5704 4894	440174		9483 Sand	100 MESH;
10/19/2023	19	100		8988	6121 4384	440107		9488 Sand	100 MESH;
10/19/2023	20	100		8869	6175 5066	440077		9490 Sand	100 MESH;
10/20/2023	21	100		8972	6146 4530	440040		9489 Sand	100 MESH;
10/20/2023	22	100		8846	6296 5187	440122		9493 Sand	100 MESH;
10/20/2023	23	100		9040	5964 4684	439997		9486 Sand	100 MESH;
10/21/2023	24	99		8940	5557 4915	439961		9502 Sand	100 MESH;
10/21/2023	25	100		8935	6342 4193	440198		9636 Sand	100 MESH;
10/21/2023	26	99		8957	6329 4573	440106		9500 Sand	100 MESH;
10/22/2023	27	100		9012	6016 4786	440218		9699 Sand	100 MESH;
10/22/2023	28	100		8853	6124 4292	440065		9485 Sand	100 MESH;
10/22/2023	29	100		8897	6009 4217	440333		9493 Sand	100 MESH;
10/23/2023	30	100		8872	5995 4416	440051		9492 Sand	100 MESH;
10/23/2023	31	100		8833	6016 4440	440085		9683 Sand	100 MESH;
10/24/2023	32	100		9055	6536 4878	440121		9510 Sand	100 MESH;
10/24/2023	33	100		8624	6039 5513	440056		9480 Sand	100 MESH;
10/25/2023	34	99		8978	6330 4472	440163		9498 Sand	100 MESH;
10/25/2023	35	100		8836	6347 4617	440252		9489 Sand	100 MESH;
10/25/2023	36	100		8970	6328 4379	440091		9489 Sand	100 MESH;
10/26/2023	37	100		8906	6159 4241	440277		9494 Sand	100 MESH;
10/26/2023	38	100		8819	6119 4742	440133		9548 Sand	100 MESH;
10/26/2023	39	100		8818	6160 4693	440060		9506 Sand	100 MESH;
10/27/2023	40	100		8852	5711 4238	440213		9498 Sand	100 MESH;
10/27/2023	41	99		8802	6286 5669	440462		9505 Sand	100 MESH;
10/28/2023	42	100		8640	6184 4980	440196		9495 Sand	100 MESH;
10/28/2023	43	99		8606	6050 4656	440417		9510 Sand	100 MESH;
10/28/2023	44	99		8644	6285 4893	440378		9510 Sand	100 MESH;
10/29/2023	45	95		8368	6792 4871	440086		9493 Sand	100 MESH;
10/29/2023	46	100		8649	6245 4509	440360		9511 Sand	100 MESH;
10/30/2023	47	100		8725	6486 4384	440405		9500 Sand	100 MESH;
10/30/2023	48	100		8506	6170 5097	440447		9512 Sand	100 MESH;
10/30/2023	49	100		8345	6127 4574	440462		9528 Sand	100 MESH;
10/31/2023	50	100		8501	5734 4734	440128		9501 Sand	100 MESH;
10/31/2023	51	100		8620	6172 4782	440295		9502 Sand	100 MESH;
10/31/2023	52	99		8746	6551 5227	440395		9501 Sand	100 MESH;
10/31/2023	53	100		8501	6464 5041	440431		9501 Sand	100 MESH;
10/31/2023	54	99		8498	6926 4492	440185		9482 Sand	100 MESH;
11/01/2023	55	100		8391	5970 4632	440112		9502 Sand	100 MESH;
11/01/2023	56	100		8394	5732 4581	440120		9503 Sand	100 MESH;
11/01/2023	57	100		8705	6170 4382	440373		9515 Sand	100 MESH;
11/01/2023	58	99		8198	6111 4771	440334		9496 Sand	100 MESH;
11/01/2023	59	99		8350	6218 4875	440543		9503 Sand	100 MESH;

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11/01/2023	60	100	8398	5816	4323	440153	9481 Sand	100 MESH;
11/02/2023	61	100	8176	6070	4445	440069	9495 Sand	100 MESH;
11/02/2023	62	100	8697	6241	4353	440166	9495 Sand	100 MESH;
11/02/2023	63	96	8782	6008	4365	440143	9487 Sand	100 MESH;
11/02/2023	64	99	8375	6547	4295	440182	9495 Sand	100 MESH;
11/03/2023	65	100	8166	6560	4529	440351	9500 Sand	100 MESH;
11/03/2023	66	98	8504	6114	4236	440385	9506 Sand	100 MESH;
11/03/2023	67	100	8267	6103	4263	440204	9494 Sand	100 MESH;
11/04/2023	68	99	8265	6752	4566	440390	9505 Sand	100 MESH;
11/04/2023	69	100	8004	5758	4599	440100	9500 Sand	100 MESH;
11/04/2023	70	100	7944	6393	4169	440390	9511 Sand	100 MESH;
11/04/2023	71	99	8228	6307	4275	440549	9499 Sand	100 MESH;
11/04/2023	72	99	7946	6043	4388	440378	9551 Sand	100 MESH;

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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:	47-103-03514-00-00
Operator Name:	EQT Production
Well Name and Number:	Denver 3H
Latitude:	39.635766
Longitude:	-80.559809
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	7521
Total Base Water Volume (gal)*:	29662458
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	88.62884	None
Sand (Proppant)	EQT	Proppant					
			Silica Substrate	14808-60-7	100.00000	11.25379	None
Clearal 268	ChemStream	Biocide					
			Non-hazardous substances	Proprietary	80.00000	0.00900	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-propenamide	Proprietary	30.00000	0.00618	None
StimSTREAM	ChemStream	Friction					

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FR 9800		Reducer					
			Petroleum Distillate	64742-47-8	20.00000	0.00275	None
Enviro-Syn HCR-7000-WL	Fluid Energy Group Ltd.	Synthenic Acid					
			Proprietary	Proprietary	20.00000	0.00101	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	0.00025	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					
			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 (NH ₄ 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 Gas
MAR 01 2024
Office of
Protection
06/21/2024

LATITUDE 39° 40' 00"
TH: 5,110'

LONGITUDE 80° 32' 30"
TH: 11,255'

Denver 3H
Denver
EQT Production Company

NOTES ON SURVEY

- COORDINATES SYSTEM IS UTM, NAD 83 DATUM, ZONE 17. U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS.
- SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND FIELD LOCATIONS.
- THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
- NO DWELLINGS AND BUILDINGS WITHIN 625 FEET OF PROPOSED WELL.
- 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
- 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
- Match Line
- WV County Route
- WV State Route

Matchline Sheet 2
Matchline Sheet 1

Denotes Location of Well on United States Topographic Maps

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

Thomas C. Smit
L. L. S. 687

SEAL

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 15 20 23

OPERATORS WELL NO: Denver 3H

API WELL NO
47 - 103 - 03514

STATE COUNTY PERMIT

WELL TYPE: ☐ OIL ☒ GAS ☐ LIQUID INJECTION ☐ WASTE DISPOSAL

(IF GAS) PRODUCTION: ☐ STORAGE ☐ DEEP ☒ SHALLOW

LOCATION ELEVATION: 1,352' WATERSHED: LOWER WEST VIRGINIA FORK FISH CREEK QUADRANGLE: LITTLETON

DISTRICT: Center COUNTY: Wetzel

SURFACE OWNER: Audrey L. Lavelle ACREAGE: 117.39 ±

ROYALTY OWNER: Bounty Minerals LLC 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: 7,521'

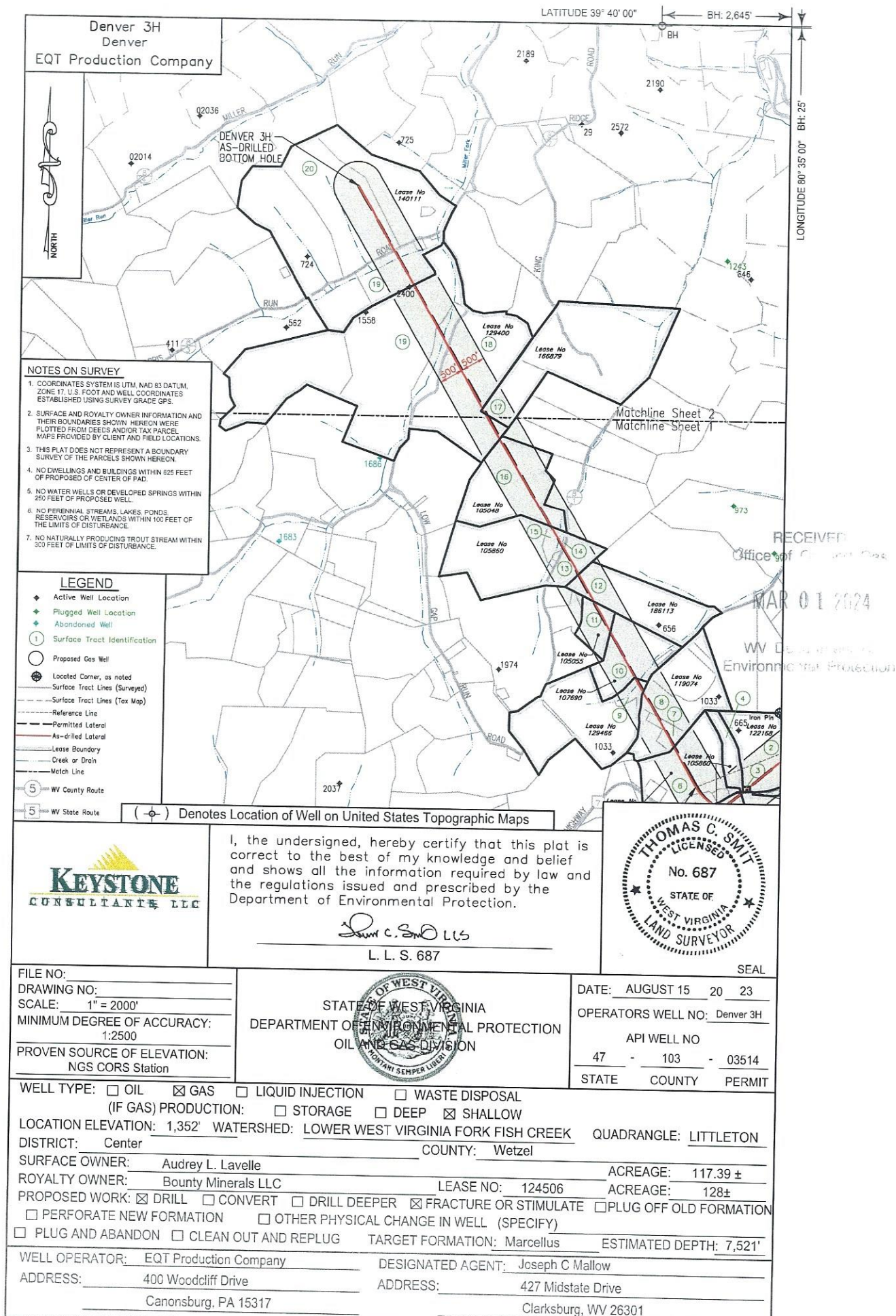
WELL OPERATOR: EQT Production Company

ADDRESS: 400 Woodcliff Drive
Canonsburg, PA 15317

DESIGNATED AGENT: Joseph C Mallow

ADDRESS: 427 Midstate Drive
Clarksburg, WV 26301

AS-DRILLED 06/21/2024

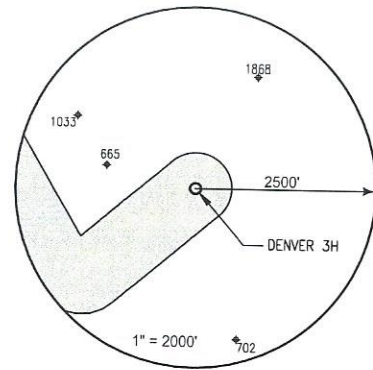


06/21/2024

Denver 3H
Denver
EQT Production Company

Tract ID.	Tax Map No.	Parcel No.	County	District	Surface Tract Owner	Acres
1	16	38.0	Wetzel	Center	John Edward LaVelle	117.39
2	15	41.0	Wetzel	Center	Margo Coman	39.00
3	15	49.0	Wetzel	Center	Margo Coman	0.42
4	15	40.0	Wetzel	Center	Donald D. & Desiree J. Shreve	31.25
5	15	39.0	Wetzel	Center	Brian K. Titus	5.50
6	15	39.4	Wetzel	Center	Randy C. & Windy A. Huggins	48.77
7	15	25.5	Wetzel	Center	Kevin Pyles	5.28
8	15	25.2	Wetzel	Center	Kevin Pyles	24.37
9	15	35.0	Wetzel	Center	George E. Richard E Firmstone & Emerson Zelmere	5.30
10	15	24.0	Wetzel	Center	Robert Blake & Marcella	36.50
11	15	4.4	Wetzel	Center	Thomas E. Sole & Eugene C. Sole	13.79
12	15	6.0	Wetzel	Center	Billy L. White	53.39
13	15	4.2	Wetzel	Center	Fona L. Sapp	14.50
14	15	4.3	Wetzel	Center	Barry L. & Rita A. Clark	1.30
15	15	4.6	Wetzel	Center	Barry L. & Rita A. Clark	5.19
16	11	36.0	Wetzel	Center	Arnold Elmus Hartley	67.50
17	11	32.0	Wetzel	Center	Edith Miller EST	20.00
18	11	20.0	Wetzel	Center	Green Dot Farm Inc	108.00
19	11	16.0	Wetzel	Center	Green Dot Farm Inc	158.00
20	11	2.0	Wetzel	Center	EQT Production Company	82.00

Lease	Owner	Acres
124506	Bounty Minerals, LLC, et al	128
122168	Ridgetop Royalties, LLC	40
105690	Stone Hill Minerals Holdings, LLC	1,094.69
112365	Ridgetop Royalties, LLC, et al	59.66
119074	Bounty Minerals, LLC, et al	71
129465	Thomas Sundry, et al	84
107690	Beulah Dolores Ballard, et al	40
105055	Thomas E. Sole, et al	13.798
168113	William H. Wood, et al	53
105048	Stone Hill Minerals Holdings, LLC, et al	67.50
129400	Timothy J. Ashcraft, et al	398
166879	Shoben Estates, Inc.	20
140111	TH Exploration II, LLC, et al	233



Notes:
DENVER 3H Top Hole coordinates are
NAD 27 N: 415,401.908 E: 1,701,471.735
NAD 27 Lat: 39.635683 Long: -80.560000
NAD 83 UTM N: 4,387,424.611 E: 537,773.513
DENVER 3H Landing Point coordinates are
NAD 27 N: 414,531.460 E: 1,699,388.570
NAD 27 Lat: 39.633226 Long: -80.567360
NAD 83 UTM N: 4,387,148.802 E: 537,143.259
DENVER 3H Bottom Hole coordinates are
NAD 27 N: 426,740.960 E: 1,692,338.290
NAD 27 Lat: 39.666512 Long: -80.592916
NAD 83 UTM N: 4,390,832.642 E: 534,933.312
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.

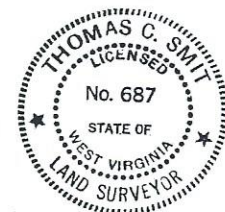
DENVER PAD

DENVER 1H 47-103-03513
DENVER 3H 47-103-03514
DENVER 5H 47-103-03515
DENVER 7H 47-103-03365
DENVER 9H 47-103-03516



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

Thomas C. Smith
L. L. S. 687



FILE NO: _____
DRAWING NO: _____
SCALE: 1" = 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 16 20 23
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☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus ESTIMATED DEPTH: 7,521'
WELL OPERATOR: EQT Production Company DESIGNATED AGENT: Joseph C Mallow
ADDRESS: 400 Woodcliff Drive ADDRESS: 115 Professional Place PO Box 280
Canonsburg, PA 15317 Bridgeport, WV 26330

AS-DRILLED

06/21/2024