

Well Operator's Report of Well Work



Where energy meets innovation.

Well Number: Denver 9H (L-007909)

API: 47 - 103 - 03516

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 47-103-03516 County Wetzel District Center
Quad Littleton Pad Name DENVER Field/Pool Name N/A
Farm name EQT Production Company Well Number Denver 9H (L007909)
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 4,387,420.495 Easting 537,786.592
Landing Point of Curve Northing 4,387,627.533 Easting 537,930.237
Bottom Hole Northing 4,390,757.669 Easting 536,047.501

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 13.39 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 08/01/2021 Date drilling commenced 10/01/2022 Date drilling ceased 08/31/2023
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 758,1009,1091 Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

APPROVED Reviewed by: 
06/21/2024

API 47-103 - 03516 Farm name EQT Production Company Well number Denver 9H (L007909)

CASING STRINGS	Hole Size	Casing Size	Depth (GL)	New or Uscd	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"	1179'	NEW	J-55 54.5#	1052'	Y
Coal							
Intermediate 1	12-3/8"	9-5/8"	2601'	NEW	J-55 36#	N/A	Y
Intermediate 2							
Intermediate 3							
Production	8-3/4", 8-1/2"	6"	19,868'	NEW	P-110 24#	N/A	N
Tubing							
Packer type and depth set							

Comment Details Production Cement job has a calculated TOC of 1206' 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	954	15.6	1.14	1087	0	8
Intermediate 2							
Intermediate 3							
Production	CLASS A	3225	15.0	1.18	3805	1206'	8+
Tubing							

Drillers TD (ft) 19,891' 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) 2,668' Wv Department of Environmental Protection

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 7845' AND EVERY JOINT TO 2077' _____

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 - 03516 Farm name EQT Production Company Well number Denver 9H (L007909)

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 9H (L007909) Final Formations API# 47-103-03516				
Formation Name	Drill Top MD (ftGRD)	Drill Top (TVD) (ftGRD)	Drill Btm MD (ftGRD)	Drill Btm (TVD) (ftGRD)
Sand/Shale	1	1	758	758
Waynesburg Coal	758	758	765	765
Sand/Shale	765	765	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	3,210
Sand/Shale	3,214	3,210	3,237	3,233
Thirty foot	3,237	3,233	3,264	3,259
Sand/Shale	3,264	3,259	3,316	3,311
Bayard	3,316	3,311	3,444	3,437
Sand/Shale	3,444	3,437	3,828	3,815
Speechley	3,828	3,815	3,905	3,891
Balltown	3,905	3,891	4,232	4,212
Bradford	4,232	4,212	4,362	4,340
Sand/Shale	4,362	4,340	5,371	5,332
Benson	5,371	5,332	5,781	5,735
Alexander	5,781	5,735	6,233	6,179
Elk	6,233	6,179	7,088	7,019
Sonyea	7,088	7,019	7,249	7,167
Middlesex	7,249	7,167	7,300	7,210
Genesee	7,300	7,210	7,402	7,286
Geneseo	7,402	7,286	7,446	7,315
Tully	7,446	7,315	7,482	7,337
Hamilton	7,482	7,337	7,747	7,441
Marcellus	7,747	7,441	19,891	7,488

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Perforation Data

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Stage_Number	Perf_Date	Depth_Bottom	Depth_Top	Shot_Count	Formation
2	11/06/2023	19785	19606	40	Marcellus
3	11/06/2023	19588	19409	40	Marcellus
4	11/06/2023	19390	19211	40	Marcellus
5	11/06/2023	19193	19014	40	Marcellus
6	11/07/2023	18995	18816	40	Marcellus
7	11/07/2023	18798	18619	40	Marcellus
8	11/07/2023	18600	18421	40	Marcellus
9	11/07/2023	18403	18224	40	Marcellus
10	11/08/2023	18205	18026	40	Marcellus
11	11/08/2023	18008	17829	40	Marcellus
12	11/08/2023	17810	17631	40	Marcellus
13	11/09/2023	17613	17434	40	Marcellus
14	11/09/2023	17415	17236	40	Marcellus
15	11/09/2023	17218	17039	40	Marcellus
16	11/10/2023	17020	16841	40	Marcellus
17	11/10/2023	16823	16644	40	Marcellus
18	11/10/2023	16625	16446	40	Marcellus
19	11/10/2023	16428	16249	40	Marcellus
20	11/11/2023	16230	16051	40	Marcellus
21	11/11/2023	16033	15854	40	Marcellus
22	11/11/2023	15835	15656	40	Marcellus
23	11/11/2023	15638	15459	40	Marcellus
24	11/11/2023	15440	15261	40	Marcellus
25	11/12/2023	15243	15064	40	Marcellus
26	11/12/2023	15045	14866	40	Marcellus
27	11/13/2023	14848	14669	40	Marcellus
28	11/13/2023	14650	14471	40	Marcellus
29	11/14/2023	14453	14274	40	Marcellus
30	11/14/2023	14255	14076	40	Marcellus
31	11/14/2023	14058	13879	40	Marcellus
32	11/14/2023	13860	13681	40	Marcellus
33	11/15/2023	13663	13484	40	Marcellus
34	11/16/2023	13465	13286	40	Marcellus
35	11/16/2023	13268	13089	40	Marcellus
36	11/16/2023	13070	12891	40	Marcellus
37	11/16/2023	12873	12694	40	Marcellus
38	11/16/2023	12675	12496	40	Marcellus
39	11/17/2023	12478	12299	40	Marcellus
40	11/17/2023	12280	12101	40	Marcellus
41	11/17/2023	12083	11904	40	Marcellus
42	11/18/2023	11885	11706	40	Marcellus
43	11/18/2023	11688	11509	40	Marcellus
44	11/18/2023	11490	11311	40	Marcellus
45	11/18/2023	11293	11114	40	Marcellus
46	11/19/2023	11095	10916	40	Marcellus
47	11/19/2023	10898	10719	40	Marcellus

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48 11/19/2023	10700	10521	40 Marcellus
49 11/19/2023	10503	10324	40 Marcellus
50 11/20/2023	10305	10126	40 Marcellus
51 11/20/2023	10108	9929	40 Marcellus
52 11/20/2023	9910	9731	40 Marcellus
53 11/20/2023	9713	9534	40 Marcellus
54 11/21/2023	9515	9336	40 Marcellus
55 11/21/2023	9318	9139	40 Marcellus
56 11/21/2023	9120	8941	40 Marcellus
57 11/21/2023	8923	8744	40 Marcellus
58 11/22/2023	8725	8546	40 Marcellus
59 11/22/2023	8528	8349	40 Marcellus
60 11/22/2023	8330	8151	40 Marcellus
61 11/22/2023	8133	7954	40 Marcellus
62 11/23/2023	7935	7776	36 Marcellus

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Stimulation Data

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Stimulation_Date	Stage_Number	Avg_Pump_Rate	Avg_Treatment_Presure	Pressure_Breakdown	ISIP	Amount_of_Proppant_lbs	Amount_of_Water_bbls	Proppant_Type	Proppant_Mesh_Size
11/06/2023	1	96		8914	6330	4389	176368	4393 Sand	100 MESH;
11/06/2023	2	100		8966	6595	4878	440008	9444 Sand	100 MESH;
11/06/2023	3	100		9021	5810	4643	440210	9412 Sand	100 MESH;
11/06/2023	4	98		9148	5989	4449	440223	9409 Sand	100 MESH;
11/07/2023	5	99		8852	5986	5203	440345	9415 Sand	100 MESH;
11/07/2023	6	98		8996	6119	4626	440383	9408 Sand	100 MESH;
11/07/2023	7	100		9199	5904	4813	440105	9436 Sand	100 MESH;
11/07/2023	8	98		9121	0	4654	440427	9410 Sand	100 MESH;
11/08/2023	9	100		9006	5680	4802	440303	9420 Sand	100 MESH;
11/08/2023	10	100		8881	5784	4653	440077	9393 Sand	100 MESH;
11/09/2023	11	97		9090	6230	5004	440349	9485 Sand	100 MESH;
11/09/2023	12	100		8891	6199	5034	440385	9405 Sand	100 MESH;
11/09/2023	13	100		8922	6380	5088	440142	9640 Sand	100 MESH;
11/09/2023	14	100		8929	6463	4919	440715	9422 Sand	100 MESH;
11/10/2023	15	97		8949	5828	4298	440033	9397 Sand	100 MESH;
11/10/2023	16	100		8924	5886	4644	440430	9400 Sand	100 MESH;
11/10/2023	17	100		8832	6182	4748	440185	9392 Sand	100 MESH;
11/11/2023	18	99		8786	6159	4569	440071	9400 Sand	100 MESH;
11/11/2023	19	100		8857	6039	5366	440095	9400 Sand	100 MESH;
11/11/2023	20	98		8706	5489	4288	440104	10264 Sand	100 MESH;
11/11/2023	21	100		8759	5983	4377	440157	9405 Sand	100 MESH;
11/11/2023	22	100		8754	5924	4647	440296	9415 Sand	100 MESH;
11/12/2023	23	100		8909	5656	4541	440226	9410 Sand	100 MESH;
11/12/2023	24	100		8752	6411	4448	440016	9415 Sand	100 MESH;
11/12/2023	25	100		8823	5751	4206	440246	9401 Sand	100 MESH;
11/13/2023	26	100		8701	5898	4119	440220	9398 Sand	100 MESH;
11/13/2023	27	100		8774	5863	3854	440129	9410 Sand	100 MESH;
11/14/2023	28	100		8752	6053	4435	440082	9410 Sand	100 MESH;
11/14/2023	29	100		8519	6108	4227	440053	9387 Sand	100 MESH;
11/14/2023	30	100		8429	5645	5048	440162	10824 Sand	100 MESH;
11/15/2023	31	100		8389	6000	4625	443921	9445 Sand	100 MESH;
11/15/2023	32	100		8290	5657	4476	440239	9386 Sand	100 MESH;
11/16/2023	33	100		8320	5560	4343	440054	9389 Sand	100 MESH;
11/16/2023	34	100		8392	5919	4240	440029	9384 Sand	100 MESH;
11/16/2023	35	100		8421	5477	4298	440135	9390 Sand	100 MESH;
11/16/2023	36	99		8330	5680	4181	440342	9392 Sand	100 MESH;
11/17/2023	37	99		8069	5636	4079	440102	9394 Sand	100 MESH;
11/17/2023	38	99		8178	5662	4168	440058	9394 Sand	100 MESH;
11/17/2023	39	99		8472	5902	4438	440179	9415 Sand	100 MESH;
11/18/2023	40	99		8541	5733	4077	440183	9407 Sand	100 MESH;
11/18/2023	41	99		8430	5781	4280	440120	9405 Sand	100 MESH;
11/18/2023	42	97		8870	6061	5029	440165	9436 Sand	100 MESH;
11/18/2023	43	98		8878	5807	5157	440217	9401 Sand	100 MESH;
11/19/2023	44	96		8992	5482	4097	440209	9413 Sand	100 MESH;
11/19/2023	45	99		8472	5641	5111	440221	9396 Sand	100 MESH;
11/19/2023	46	97		8656	5862	4198	440258	9403 Sand	100 MESH;
11/19/2023	47	67		8746	5578	4668	439611	13689 Sand	100 MESH;
11/20/2023	48	100		8277	5544	4294	440222	9400 Sand	100 MESH;
11/20/2023	49	99		8634	5569	4097	440186	9411 Sand	100 MESH;
11/20/2023	50	99		8310	5573	4060	440117	9405 Sand	100 MESH;
11/20/2023	51	95		8502	5840	4153	440146	9411 Sand	100 MESH;
11/21/2023	52	99		8506	6318	4490	440265	9414 Sand	100 MESH;
11/21/2023	53	100		8262	5959	4104	440296	9412 Sand	100 MESH;
11/21/2023	54	98		8394	6040	4792	440202	9413 Sand	100 MESH;
11/21/2023	55	91		8587	5765	4062	440213	10432 Sand	100 MESH;
11/22/2023	56	100		8195	6387	4519	440394	9405 Sand	100 MESH;
11/22/2023	57	97		8484	5886	4972	440214	9410 Sand	100 MESH;
11/22/2023	58	100		7985	5772	4238	440165	9409 Sand	100 MESH;
11/22/2023	59	98		8058	5764	4238	440227	9407 Sand	100 MESH;

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11/23/2023	60	100	7976	5985	4386	440373	9406 Sand	100 MESH;
11/23/2023	61	100	7580	6760	4873	440156	9404 Sand	100 MESH;
11/23/2023	62	99	8002	6310	4920	396400	8515 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:	47-103-03516-00-00
Operator Name:	EQT Production
Well Name and Number:	Denver 9H
Latitude:	39.635728
Longitude:	-80.559657
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	7517
Total Base Water Volume (gal)*:	25561158
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	88.65760	None
Sand (Proppant)	EQT	Proppant					
			Silica Substrate	14808-60-7	100.00000	11.21715	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	0.00761	None
StimSTREAM FR 9800	ChemStream	Friction Reducer					
			Copolymer of 2-propenamamide	Proprietary	30.00000	0.00716	None
StimSTREAM	ChemStream	Friction					

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FR 9800		Reducer						
			Petroleum Distillate	64742-47-8	20.00000	0.00318	None	
Enviro-Syn HCR-7000-WL	Fluid Energy Group Ltd.	Synthetic Acid						
			Proprietary	Proprietary	20.00000	0.00089	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	0.00022	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	

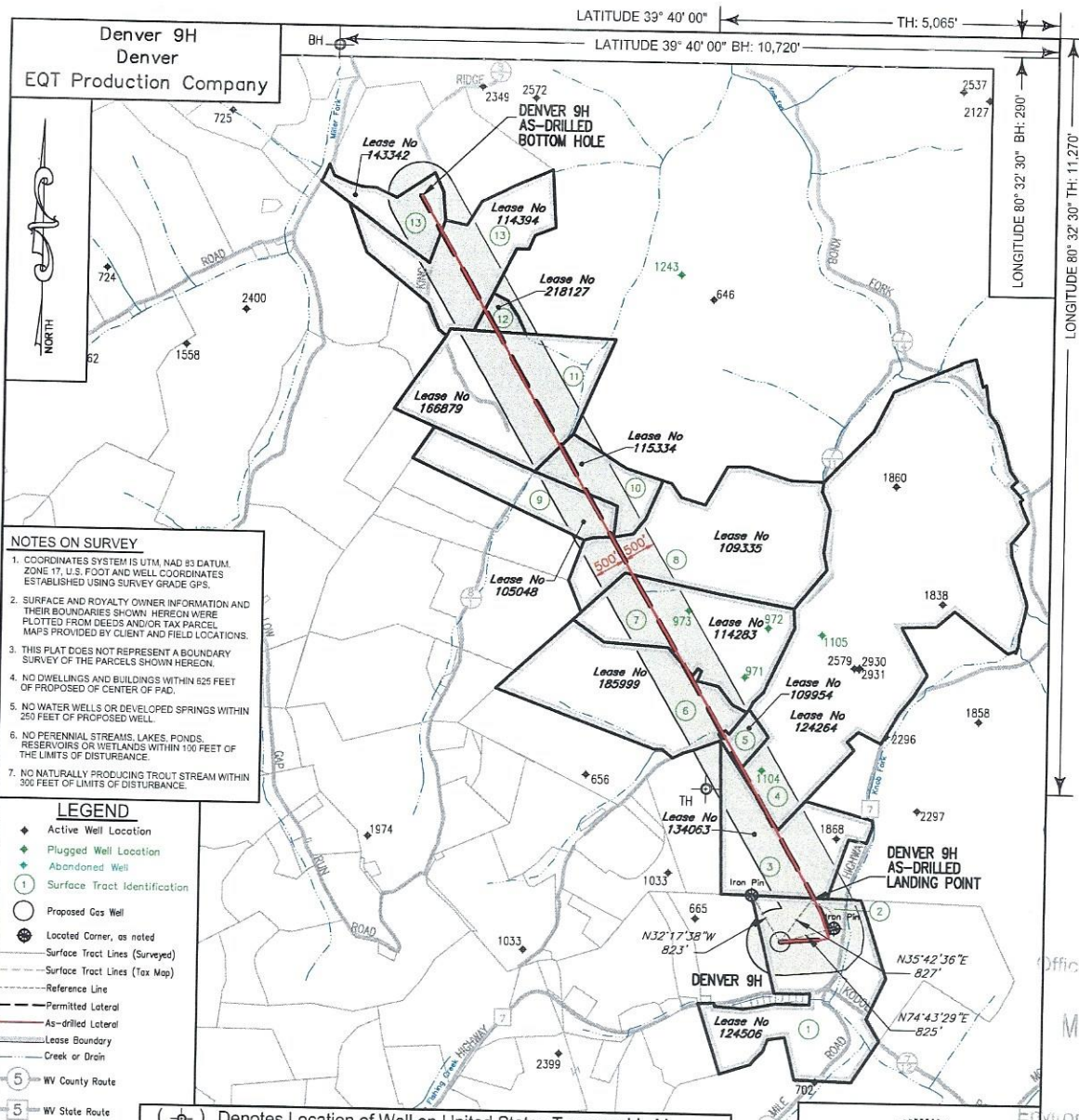
Ingredients shown above are subject to 29 CFR 1910.1200(i) and appear on Material Safety Data Sheets (MSDS). Ingredients shown below are Non-MSDS

* 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 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 500 FEET OF LIMITS OF DISTURBANCE.

LEGEND

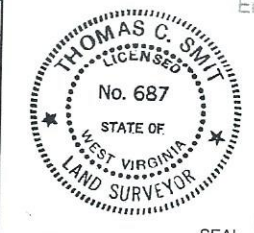
- ◆ Active Well Location
- ◆ Plugged Well Location
- ◆ Abandoned Well
- ① Surface Tract Identification
- Proposed Gas Well
- ⊙ Located Corner, as noted
- Surface Tract Lines (Surveyed)
- Surface Tract Lines (Tax Map)
- - - Reference Line
- - - Permitted Lateral
- - - As-drilled Lateral
- - - Lease Boundary
- - - 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. 687



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

SEAL
DATE: SEPTEMBER 5 20 23
OPERATORS WELL NO: Denver 9H
API WELL NO
47 - 103 - 03516
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: 7,517'

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

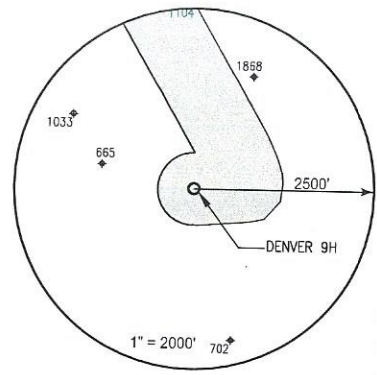
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Denver 9H
Denver
EQT Production Company

Tract ID	Tax Map No.	Parcel No.	County	District	Surface Tract Owner	Acres
1	16	350	Wetzel	Center	EQT Production Company	117.39
2	15	22.1	Wetzel	Center	Harry Lee & Marilyn J. Kennedy	3.00
3	15	250	Wetzel	Center	Harry & Marilyn Kennedy	61.30
4	15	250	Wetzel	Center	Nancy E. Jolliffe	203.50
5	15	7.0	Wetzel	Center	Thomas Moore & Cora Lynn Childers	50.60
6	15	7.1	Wetzel	Center	Steven P. Barbe & James R. Barbe	99.00
7	11	42.0	Wetzel	Center	Steven P. Barbe & James R. Barbe	81.75
8	11	39.0	Wetzel	Center	Nicole J. Yowonke & Ted J. Yowonke	128.40
9	11	22.0	Wetzel	Center	Ray S. Sapp	21.75
10	11	22.0	Wetzel	Center	Dean Wayne Miller	25.50
11	11	40.0	Wetzel	Center	Edith Miller EST	104.50
12	11	6.1	Wetzel	Center	Edith Miller EST	6.20
13	11	6.1	Wetzel	Center	Larry L. & Lois Jane Deem	94.50

Lease	Owner	Acres
124506	Bounty Minerals, LLC, et al.	128
134063	Patricia Haddix, et al.	61.3
124264	Nancy E. Jolliffe, et al.	308
109954	Cora Lynn Childers, et al.	50.87813
185999	William H. Wood, et al.	99
114283	Noble Marcellus LP, et al.	81.75
109335	Lisa Faye Metz, et al.	128.38
105048	Ray S. Sapp, et al.	21.75
115334	Rodney J. Nichols, et al.	45.8
166879	Shiben Estates, Inc.	104.5 ac / lease covers 523.297 ac total
218127	Green Dot Farm, Inc., et al.	6.2
114394	Green Dot Farm, Inc., et al.	68
143342	Green Dot Farm, Inc., et al.	125

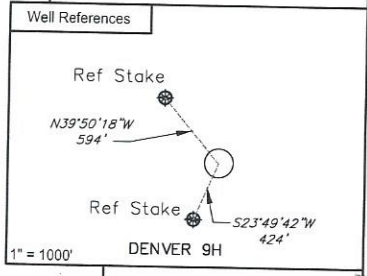
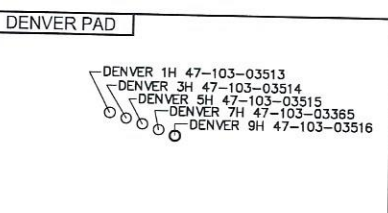


Notes:
DENVER 9H Top Hole coordinates are
 NAD 27 N: 415,387,585 E: 1,701,514.43
 NAD 27 Lat: 39.635646 Long: -80.559848
 NAD 83 UTM N: 4,387,420.495 E: 537,786,592

DENVER 9H Landing Point coordinates are
 NAD 27 N: 416,059,180 E: 1,701,997.100
 NAD 27 Lat: 39.637505 Long: -80.559163
 NAD 83 UTM N: 4,387,627.533 E: 537,930,237

DENVER 9H Bottom Hole coordinates are
 NAD 27 N: 426,433,780 E: 1,695,990,260
 NAD 27 Lat: 39.665789 Long: -80.579933
 NAD 83 UTM N: 4,390,757.669 E: 536,047,501

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.



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Department of Environmental Protection



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. SMT
L. L. S. 687



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



DATE: SEPTEMBER 5 20 23
 OPERATORS WELL NO: Denver 9H
 API WELL NO: 47 - 103 - 03516
 STATE COUNTY PERMIT

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