

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

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APR 01 2026
WV Department of
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API 47 - 103 - 03704 County Wetzel District Clay
Quad Littleton Pad Name HALLIBU Field/Pool Name N/A
Farm name EQT Production Company Well Number Hallibu 4H (L003976)
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 4,390,113.30 Easting 542,170.82
Landing Point of Curve Northing 4,389,437.76 Easting 541,689.56
Bottom Hole Northing 4,384,560.33 Easting 544,061.14

Elevation (ft) 1340' 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 12.75 ppg banum 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 01/30/2025 Date drilling commenced 05/21/2025 Date drilling ceased 10/17/2025
Date completion activities began 12/17/2025 Date completion activities ceased 03/09/2026
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 30', 77' Open mine(s) (Y/N) depths N
Salt water depth(s) ft 2373' Void(s) encountered (Y/N) depths N
Coal depth(s) ft 717', 956', 1072' Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

Reviewed by:

09/04/2026

API 47-103 - 03704 Farm name EQT Production Company Well number Hallibu 4H (L003976)

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"	1123'	NEW	J-55 54.5#	N/A	Y
Coal							
Intermediate 1	12-1/4"	9-5/8"	2644'	NEW	J-55 36#	N/A	Y
Intermediate 2							
Intermediate 3							
Production	8-3/4", 8-1/2"	5-1/2"	26,426'	NEW	P-110 20#	N/A	Y
Tubing							
Packer type and depth set							

Comment Details

Production cmt has calculated TOC of 878'GL, which is greater than 500'TVD above the producing formation. No issues

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	1035	16.0	1.08	1118	0	8
Coal							
Intermediate 1	CLASS L	970	15.6	1.13	1096	0	8
Intermediate 2							
Intermediate 3							
Production	CLASS A	5070	15.0	1.19	6033	878'	8+
Tubing							

Drillers TD (ft) 26,446' Loggers TD (ft) N/A
Deepest formation penetrated MARCELLUS Plug back to (ft) N/A
Plug back procedure N/A

Kick off depth (ft) 2775'

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, EVERY OTHER JOINT TO 8668', EVERY JOINT TO 7825', EVERY OTHER JOINT TO 1899'

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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Farm name EQT Production Company Well number Hallibu 4H (L003976)

[illegible]

STIMULATION INFORMATION PER STAGE

[illegible]

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PRODUCING FORMATION(S)

DEPTHS

TVD

MD

GAS TEST ☐ Build up ☒ Drawdown ☐ Open Flow

OIL TEST □ Flow □ Pump

SHUT-IN PRESSURE Surface 3,624 psi Bottom Hole _____ psi DURATION OF TEST 24 hrs

OPEN FLOW	Gas		Oil		NGL		Water		GAS MEASURED BY		
	11,809	mcfpd	0	bpd	0	bpd	1,502	bpd	☐ Estimated	☒ Orifice	☐ Pilot

[illegible]

Please insert additional pages as applicable.

Drilling Contractor Patterson UTI (294)

Address 207 Carlton Drive City Eighty Four State PA Zip 15330

Logging Company _____

Address _____ City _____ State _____ Zip _____

Cementing Company Halliburton

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

Cementing
Company

Address 3990 Rogerdale Road City Houston State TX Zip 77042

Please insert additional pages as applicable.

Completed by Jacob Caplan

Telephone +14122152723

Signature *[Signature]* Title Director Completions Date 05-04-2026

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

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WR-35
Rev. 8/23/13

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API 47- 103 - 03704 Farm name EQT Production Company Well number Hallibu 4H (L003976)

Drilling Contractor Falcon (Rig 11)
Address 1120 US-119 City Indiana State PA Zip 15701

Logging Company Schlumberger Technology Co.
Address 211 Zeltman Ave NE City Strasburg State OH Zip 44680

Logging Company Scientific Drilling International, Inc
Address 3475 Washington Ave City Finleyville State PA Zip 15332

Cementing Company _____
Address _____ City _____ State _____ Zip _____

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Well # HALLIBU 4H Final Formations API# 47-103-03704				
Formation Name	Drill Top MD (ftGRD)	Drill Top (TVD) (ftGRD)	Drill Btm MD (ftGRD)	Drill Btm (TVD) (ftGRD)
Sand/Shale	1	1	717	717
Waynesburg Coal	717	717	720	720
Sand/Shale	720	720	956	956
Sewickley Coal	956	956	959	959
Sand/Shale	959	959	1,072	1,072
Pittsburgh Coal	1,072	1,072	1,080	1,080
Sand/Shale	1,080	1,080	2,439	2,439
Big Injun	2,439	2,439	2,563	2,563
Sand/Shale	2,563	2,563	2,665	2,665
Berea	2,665	2,665	2,919	2,919
Gantz	2,919	2,919	3,061	3,060
Sand/Shale	3,061	3,060	3,198	3,196
Fifty foot	3,198	3,196	3,253	3,251
Sand/Shale	3,253	3,251	3,266	3,263
Thirty foot	3,266	3,263	3,311	3,308
Sand/Shale	3,311	3,308	3,337	3,333
Bayard	3,337	3,333	3,423	3,417
Sand/Shale	3,423	3,417	3,797	3,776
Upper Speechley	3,797	3,776	3,845	3,821
Sand/Shale	3,845	3,821	3,855	3,831
Speechley	3,855	3,831	3,915	3,886
Sand/Shale	3,915	3,886	3,932	3,902
Balltown	3,932	3,902	4,272	4,206
Bradford	4,272	4,206	4,673	4,544
Sand/Shale	4,673	4,544	5,412	5,158
Benson	5,412	5,158	5,471	5,206
Sand/Shale	5,471	5,206	5,825	5,496
Alexander	5,825	5,496	5,854	5,520
Sand/Shale	5,854	5,520	6,257	5,858
Elk	6,257	5,858	7,736	7,072
Sonyea	7,736	7,072	7,920	7,223
Middlesex	7,920	7,223	7,977	7,267
Genesee	7,977	7,267	8,094	7,348
Geneseo	8,094	7,348	8,143	7,378
Tully	8,143	7,378	8,182	7,400
Hamilton	8,182	7,400	8,465	7,513
Marcellus	8,465	7,513	26,446	7,602

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Perforation Data

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Stage No.	Perforation Date	Stage Perforated From TMD Ft.	Stage Perforated To TMD Ft.	# of Perforations/Stage	Formation(s)
2	01/20/2026	26360	26178	40	Marcellus
3	01/20/2026	26159	25977	40	Marcellus
4	01/20/2026	25958	25776	40	Marcellus
5	01/21/2026	25757	25576	40	Marcellus
6	01/21/2026	25557	25375	40	Marcellus
7	01/22/2026	25356	25174	40	Marcellus
8	01/22/2026	25155	24973	40	Marcellus
9	01/22/2026	24954	24772	40	Marcellus
10	01/23/2026	24753	24572	40	Marcellus
11	01/23/2026	24553	24371	40	Marcellus
12	01/23/2026	24352	24170	40	Marcellus
13	01/24/2026	24151	23969	40	Marcellus
14	01/24/2026	23950	23768	40	Marcellus
15	01/24/2026	23749	23568	40	Marcellus
16	01/25/2026	23549	23367	40	Marcellus
17	01/27/2026	23348	23166	40	Marcellus
18	01/27/2026	23147	22965	40	Marcellus
19	01/28/2026	22946	22764	40	Marcellus
20	01/28/2026	22745	22564	40	Marcellus
21	01/29/2026	22545	22363	40	Marcellus
22	01/29/2026	22344	22162	40	Marcellus
23	01/29/2026	22143	21961	40	Marcellus
24	01/30/2026	21942	21760	40	Marcellus
25	01/30/2026	21741	21560	40	Marcellus
26	01/31/2026	21541	21359	40	Marcellus
27	01/31/2026	21340	21158	40	Marcellus
28	01/31/2026	21139	20957	40	Marcellus
29	01/31/2026	20938	20756	40	Marcellus
30	02/01/2026	20737	20556	40	Marcellus
31	02/01/2026	20537	20355	40	Marcellus
32	02/01/2026	20336	20154	40	Marcellus
33	02/02/2026	20135	19953	40	Marcellus
34	02/02/2026	19934	19752	40	Marcellus
35	02/02/2026	19733	19552	40	Marcellus
36	02/03/2026	19533	19351	40	Marcellus
37	02/03/2026	19332	19150	40	Marcellus
38	02/03/2026	19131	18949	40	Marcellus
39	02/04/2026	18930	18748	40	Marcellus
40	02/04/2026	18729	18548	40	Marcellus
41	02/04/2026	18529	18347	40	Marcellus
42	02/04/2026	18328	18146	40	Marcellus
43	02/05/2026	18127	17945	40	Marcellus
44	02/05/2026	17926	17744	40	Marcellus

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45	02/05/2026	17725	17544	40	Marcellus
46	02/05/2026	17525	17343	40	Marcellus
47	02/05/2026	17324	17142	40	Marcellus
48	02/06/2026	17123	16941	40	Marcellus
49	02/06/2026	16922	16740	40	Marcellus
50	02/06/2026	16721	16540	40	Marcellus
51	02/06/2026	16521	16339	40	Marcellus
52	02/06/2026	16320	16138	40	Marcellus
53	02/07/2026	16119	15937	40	Marcellus
54	02/07/2026	15918	15736	40	Marcellus
55	02/07/2026	15717	15536	40	Marcellus
56	02/07/2026	15517	15335	40	Marcellus
57	02/07/2026	15316	15134	40	Marcellus
58	02/08/2026	15115	14933	40	Marcellus
59	02/08/2026	14914	14732	40	Marcellus
60	02/08/2026	14713	14532	40	Marcellus
61	02/08/2026	14513	14331	40	Marcellus
62	02/09/2026	14312	14130	40	Marcellus
63	02/09/2026	14111	13929	40	Marcellus
64	02/09/2026	13910	13728	40	Marcellus
65	02/09/2026	13709	13528	40	Marcellus
66	02/09/2026	13509	13327	40	Marcellus
67	02/10/2026	13308	13126	40	Marcellus
68	02/10/2026	13107	12925	40	Marcellus
69	02/10/2026	12906	12724	40	Marcellus
70	02/10/2026	12705	12524	40	Marcellus
71	02/10/2026	12505	12323	40	Marcellus
72	02/11/2026	12304	12122	40	Marcellus
73	02/11/2026	12103	11921	40	Marcellus
74	02/11/2026	11902	11720	40	Marcellus
75	02/11/2026	11701	11520	40	Marcellus
76	02/12/2026	11501	11319	40	Marcellus
77	02/12/2026	11300	11118	40	Marcellus
78	02/12/2026	11099	10917	40	Marcellus
79	02/12/2026	10898	10716	40	Marcellus
80	02/14/2026	10697	10516	40	Marcellus
81	02/14/2026	10497	10315	40	Marcellus
82	02/14/2026	10296	10114	40	Marcellus
83	02/14/2026	10095	9913	40	Marcellus
84	02/14/2026	9894	9712	40	Marcellus
85	02/15/2026	9693	9512	40	Marcellus
86	02/15/2026	9493	9311	40	Marcellus
87	02/15/2026	9292	9110	40	Marcellus
88	02/15/2026	9091	8909	40	Marcellus
89	02/15/2026	8890	8708	40	Marcellus
90	02/16/2026	8689	8508	40	Marcellus

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Stimulation Data

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Stage #	Stimulation Date	Ave Pump Rate (BPM)	Ave Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbbls)	Amount of Nitrogen/other (units)
1	01/20/2026	85	10297	9046	4995	176080	4226.000	
2	01/20/2026	90	10832	6908	5699	439942	10614.000	
3	01/20/2026	92	10734	7182	10993	439990	10241.000	
4	01/21/2026	91	10888	7242	7699	440022	10307.000	
5	01/21/2026	93	10893	7189	5682	439961	10235.000	
6	01/22/2026	94	10893	7543	5928	439942	10232.000	
7	01/22/2026	94	10500	7107	5714	439968	10256.000	
8	01/22/2026	94	10864	6834	7204	439976	10222.000	
9	01/23/2026	94	10945	7528	5609	440110	10263.000	
10	01/23/2026	93	10991	7571	5495	439866	10214.000	
11	01/23/2026	96	10939	7421	6413	439980	10369.000	
12	01/24/2026	95	10955	6864	6044	439993	10333.001	
13	01/24/2026	97	10908	6741	5818	440020	10333.001	
14	01/24/2026	98	10837	6657	5531	440065	10222.000	
15	01/25/2026	97	10822	6545	5373	439996	10243.000	
16	01/27/2026	97	10621	6922	5410	440027	10209.999	
17	01/27/2026	95	10415	7205	5377	440035	10196.000	
18	01/28/2026	98	10922	7200	5785	440033	10231.000	
19	01/28/2026	98	10913	6713	5591	440060	10198.000	
20	01/29/2026	96	10025	6712	6070	440180	10201.000	
21	01/29/2026	98	10707	6594	8978	440181	10190.000	
22	01/29/2026	99	10872	6647	5337	440083	10156.000	
23	01/30/2026	99	10520	6635	5385	439944	10532.000	
24	01/30/2026	100	10623	6767	5658	439835	10134.000	
25	01/31/2026	98	9947	6799	5262	440020	10169.000	
26	01/31/2026	96	10004	6643	5465	439944	10179.000	
27	01/31/2026	99	9991	6762	7049	440038	10145.000	
28	01/31/2026	99	9932	6997	5365	440065	10114.000	
29	02/01/2026	99	10014	6795	5585	439963	10075.000	
30	02/01/2026	99	9925	6714	5516	439890	10087.000	
31	02/01/2026	99	9952	6999	6094	439947	10082.001	
32	02/02/2026	100	9961	6789	4888	440003	10082.000	
33	02/02/2026	98	9975	6844	5195	439972	10054.000	
34	02/02/2026	100	9944	6710	6264	440006	10065.000	
35	02/03/2026	99	9963	7037	7016	439978	10062.000	
36	02/03/2026	99	9994	7025	5740	440041	10062.000	
37	02/03/2026	99	9942	7021	5519	439939	10079.000	
38	02/04/2026	100	9939	6944	5393	440048	10055.000	
39	02/04/2026	100	9887	6868	6659	440013	10055.000	
40	02/04/2026	100	9870	6758	5231	440024	10027.000	
41	02/04/2026	100	9954	6888	5434	440055	9928.000	
42	02/05/2026	100	9993	6882	5556	440089	10012.000	
43	02/05/2026	100	9934	7146	5688	439995	10043.000	

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44	02/05/2026	100	9817	6698	5360	440066	9988.000
45	02/05/2026	100	9881	6791	5593	439976	9995.000
46	02/05/2026	96	9766	6589	5005	440128	9978.000
47	02/06/2026	100	9837	6650	5550	440002	10007.000
48	02/06/2026	100	9834	7191	5261	439901	10010.000
49	02/06/2026	100	9861	6891	5613	440270	9991.000
50	02/06/2026	100	9857	6698	5254	439958	9979.000
51	02/06/2026	99	9804	6605	5164	440021	9969.000
52	02/07/2026	100	9883	6880	5536	439973	9973.000
53	02/07/2026	100	9874	7226	5521	439992	9977.000
54	02/07/2026	100	9799	6837	5474	440002	9963.000
55	02/07/2026	100	9892	7000	5889	439987	9936.000
56	02/07/2026	100	9861	6476	5538	440073	9921.000
57	02/07/2026	100	9747	6827	5443	440014	9929.000
58	02/08/2026	100	9733	6441	7374	440000	9941.000
59	02/08/2026	100	9647	6342	5689	440151	9933.000
60	02/08/2026	100	9904	6645	6218	440055	9915.000
61	02/09/2026	100	9795	6666	6154	440085	9901.000
62	02/09/2026	100	9895	6882	5246	439984	9910.000
63	02/09/2026	100	9718	6595	5851	440023	9892.000
64	02/09/2026	100	9731	6455	5996	439930	9886.000
65	02/09/2026	100	9608	6997	5090	440083	9895.000
66	02/09/2026	100	9739	7103	6672	440001	9861.000
67	02/10/2026	100	9590	6680	5744	440008	9868.000
68	02/10/2026	99	9620	6739	5608	440014	9842.000
69	02/10/2026	100	9710	6902	5781	440074	9736.000
70	02/10/2026	100	9708	7337	5098	440022	9830.000
71	02/11/2026	100	9598	6588	6498	439999	9844.000
72	02/11/2026	100	9707	7330	5644	440010	9846.001
73	02/11/2026	100	9753	7368	6180	440004	9831.000
74	02/11/2026	100	9458	6610	5295	440038	9834.000
75	02/12/2026	100	9524	6850	5681	440069	9797.000
76	02/12/2026	100	9584	6929	6143	440065	9800.000
77	02/12/2026	100	9324	6769	6249	439998	9811.000
78	02/12/2026	100	9486	6913	6288	440009	9672.000
79	02/13/2026	100	9505	6980	4958	440016	9767.001
80	02/14/2026	100	9528	7173	5778	439997	9957.000
81	02/14/2026	100	9563	7721	5085	439952	9782.001
82	02/14/2026	100	9175	7080	6098	440003	9793.000
83	02/15/2026	100	9389	7120	5813	440004	9767.000
84	02/15/2026	100	9478	6913	6240	440046	9746.000
85	02/15/2026	100	9079	6998	6545	440028	9775.000
86	02/15/2026	100	9525	6995	5735	440011	9731.000
87	02/15/2026	100	9348	6995	6588	439972	9726.000
88	02/15/2026	100	9448	6860	5079	439976	9711.000
89	02/16/2026	100	9074	7271	5517	439973	9722.000
90	02/16/2026	100	8989	6503	4479	509028	10387.000

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Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	12/17/2025
Job End Date:	02/16/2026
State:	West Virginia
County:	Wetzel
API Number:	47-103-03704-00-00
Operator Name:	EQT Production
Well Name and Number:	Hallibu 4H
Latitude:	39.659772
Longitude:	-80.508337
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	7630
Total Base Water Volume (gal)*:	37634436.19
Total Base Non Water Volume:	0



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

RECEIVED
Office of Oil and Gas
APR 01 2026
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	74.94985	None
Sand (Proppant)	EQT	Proppant					
			Silica Substrate	14808-60-7	100.00000	24.92130	None
StimSTREAM FR 9800	ChemStream, Inc.	Friction Reducer					
			ACRYLAMIDE-CHLORIDE SALT OF TRIMETHYLAMMONIO-ETHYL ACRYLATE COPOLYMER	69418-26-4	40.00000	0.01282	None
StimSTREAM FR 9800	ChemStream, Inc.	Friction Reducer					
			ALKANES, C12-26-BRANCHED AND LINEAR	90622-53-0	40.00000	0.01282	None
Clearal 268	ChemStream, Inc.	Biocide					

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			Water	7732-18-5	80.00000	0.00768	None
StimSTREAM FR 9800	ChemStream, Inc.	Friction Reducer					
			Water	7732-18-5	15.00000	0.00180	None
Enviro-Syn HCR-7000- WL	Fluid Energy Group Ltd.	Acid					
			FLUID-Acid-00001	Proprietary	20.00000	0.00115	None
Clearal 268	ChemStream, Inc.	Biocide					
			Glutaraldehyde	111-30-8	20.00000	0.00048	None
Enviro-Syn HCR-7000- WL	Fluid Energy Group Ltd.	Acid					
			FLUID-Amine-00001	Proprietary	10.00000	0.00029	None
StimSTREAM FR 9800	ChemStream, Inc.	Friction Reducer					
			ETHOXYLATED ALCOHOLS (C12-16)	68551-12-2	5.00000	0.00020	None
StimSTREAM SC-398	ChemStream, Inc.	Scale Inhibitor					
			AA/ATBS Co-polymer	9003-05-8	5.00000	0.00002	None
Clearal 268	ChemStream, Inc.	Biocide					
			Quaternary Ammonium Compounds	68424-85-1	3.00000	0.00001	None
Clearal 268	ChemStream, Inc.	Biocide					
			Didecyl dimethyl ammonium chloride	7173-51-5	3.00000	0.00001	None
Clearal 268	ChemStream, Inc.	Biocide					
			Ethanol	64-17-5	1.50000	0.00000	None
StimSTREAM SC-398	ChemStream, Inc.	Scale Inhibitor					
			AA/Maleic Anhydride Co- polymer	9003-04-7	1.00000	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

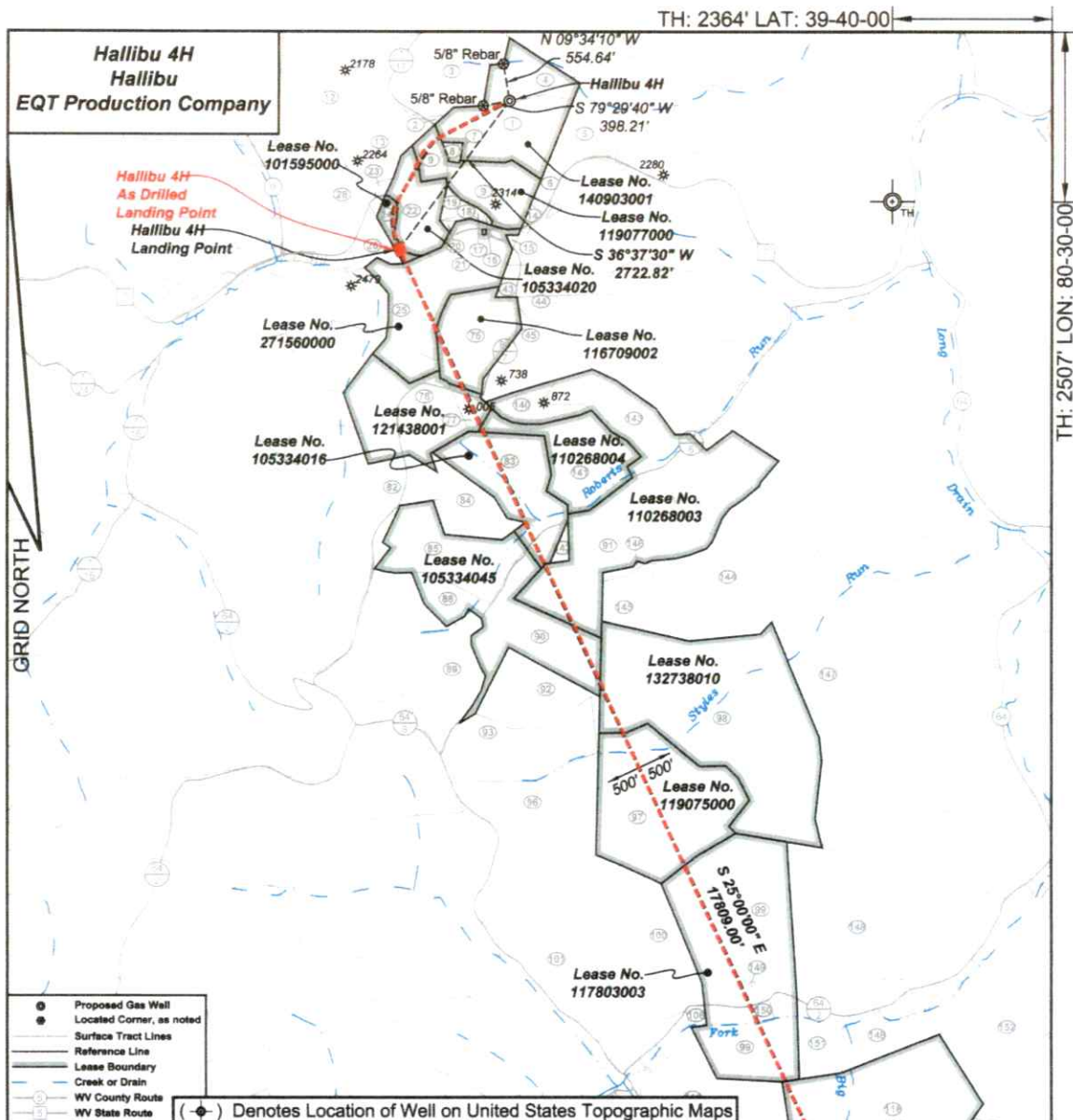
* Total Water Volume sources may include various types of water including fresh water, produced water, and recycled water

** 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)

09/04/2026



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.

P.S. 2092



SEAL

FILE NO: 58-22
DRAWING NO: Hallibu 4H
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: 1:2500
PROVEN SOURCE OF ELEVATION: NGS CORN Station

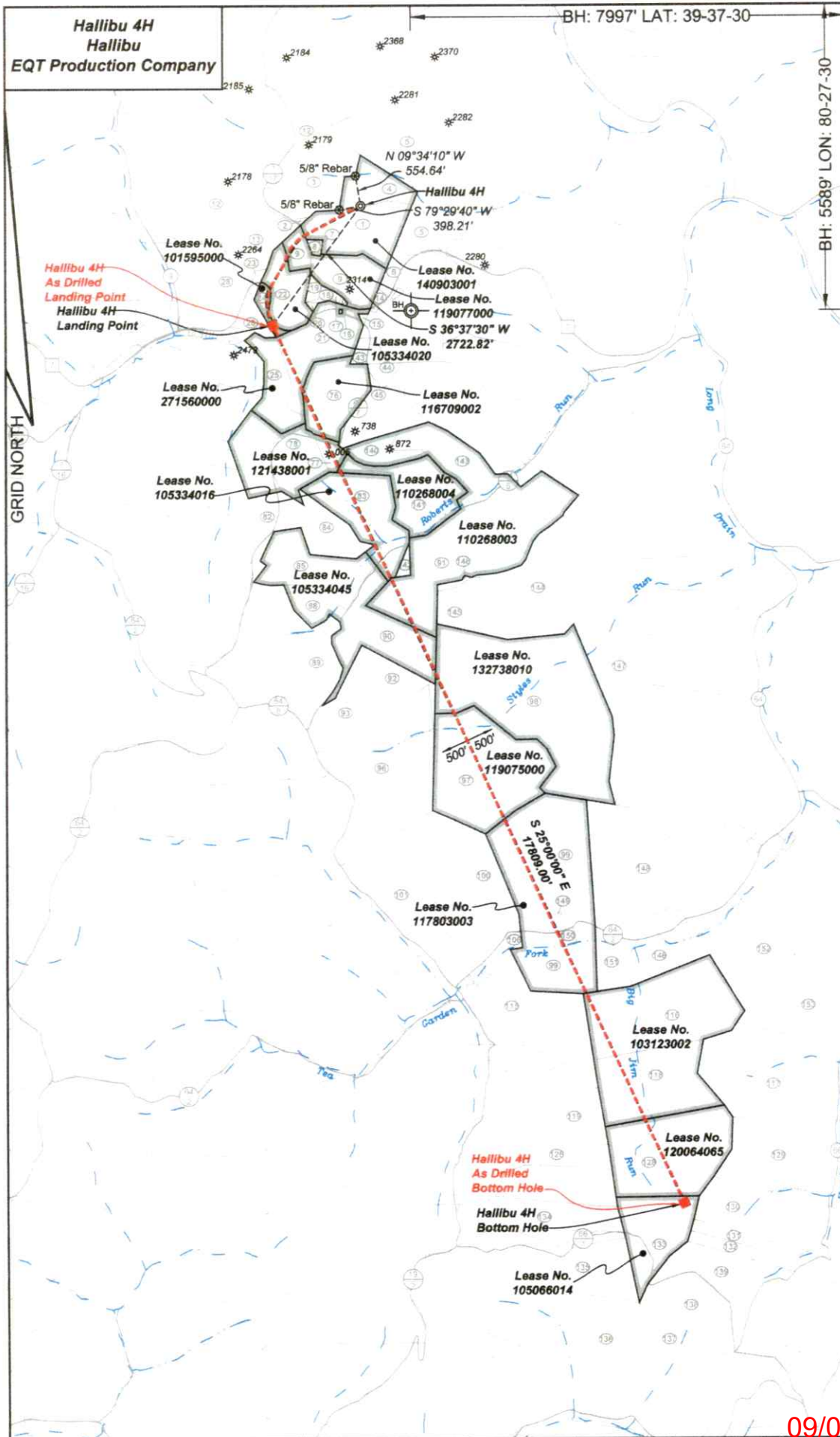
STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: October 27 20 25
OPERATOR'S WELL NO.: Hallibu 4H
API WELL NO
47 - 103 - 03704
STATE COUNTY PERMIT

WELL TYPE: ☐ OIL ☒ GAS ☐ LIQUID INJECTION ☐ WASTE DISPOSAL
(IF GAS) PRODUCTION: ☐ STORAGE ☐ DEEP ☒ SHALLOW
LOCATION: ELEVATION: 1340' WATERSHED Shriver Run of Long Drain QUADRANGLE: Littleton
DISTRICT: Clay COUNTY: Wetzel
SURFACE OWNER: EQT Production Company ACREAGE: 21
ROYALTY OWNER: MCJV Holdings, LLC, et al. LEASE NO: 140903001 ACREAGE: 455.90
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: 7571'

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

09/04/2026

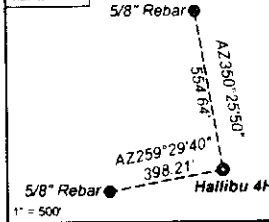


09/04/2026

Hallibu 4H **Hallibu** **EQT Production Company**

Tract ID	Tract Map No.	Parcel No.	County	District	Surface Tract Owner	Acres
1	10	3	Wetzel	Church	EDT Production Company	35.4
2	7	15.2	Wetzel	Gray	Grandview-Doyle P&D	0.35
3	7	18.1	Wetzel	Gray	Martha Mason & Carolyn Harlan	30
4	5	21	Wetzel	Church	EDT Production Company	21
5	7	19	Wetzel	Gray	Robert M. Roberts	73.21
6	10	12.2	Wetzel	Church	Ralph Wright	5.18
7	10	2	Wetzel	Church	EDT Production Company	0.76
8	10	2.1	Wetzel	Church	Thomas E. Brown Life Estate	0.85
9	10	9	Wetzel	Church	Patricia C. Spangler	35
12	7	17	Wetzel	Gray	Robert L. Utz & Wayne Carole	82.5
13	10	1	Wetzel	Church	Drilling Appalachia Corp	24.8
14	10	12.1	Wetzel	Church	Patricia C. Spangler	0.5
15	10	10	Wetzel	Church	Harris L. Tustin Life Estate	0.52
16	10	9.5	Wetzel	Church	John Rice	0.25
17	10	8.3	Wetzel	Church	John Rice	0.25
18	10	9.1	Wetzel	Church	John Rice	2.22
19	10	9.2	Wetzel	Church	John Rice	1.28
20	10	9.4	Wetzel	Church	Garry Cosgray	0.5
21	10	18.2	Wetzel	Church	Clay D. Smith	34.21
22	10	1.1	Wetzel	Church	Garry Cosgray	19.25
23	10	1.4	Wetzel	Church	Kenneth R. & Jennifer L. Mason	1.06
24	10	1.2	Wetzel	Church	Jack D. & Linda Cosgray	4
25	10	18.1	Wetzel	Church	Clay D. Smith	22.82
26	8	9	Wetzel	Church	Mark Ransom	43.3
27	8	8.1	Wetzel	Church	Aaron A. & Rose J. Burley	18
28	12	43	Wetzel	Center	Jack D. & Linda Cosgray	27.289
29	12	43.1	Wetzel	Center	Timmy R. & Tamra J. Stapp	0.25
30	9	19	Wetzel	Church	Sharon Goodland	Lot 6
31	9	1.1	Wetzel	Church	Irene P. Hyle	0.481
32	12	41	Wetzel	Center	Irene P. Hyle	1.13
33	8	27	Wetzel	Gray	John D. Whitsett Life Estate	35.75
34	12	24.3	Wetzel	Center	Matthew L. Kennedy	4.81
35	12	24	Wetzel	Center	Matthew L. Kennedy	87.87
43	10	18	Wetzel	Church	Harriet L. Tustin	5.7
44	10	28.2	Wetzel	Church	Shelby C. Norris	3.738
45	10	28	Wetzel	Church	Robert B. & Rose V. Orm	25.15
46	10	28.1	Wetzel	Church	Robert B. & Rose Orm	30.75
47	10	32	Wetzel	Church	Sharon L. Taylor	5.75
48	10	31	Wetzel	Church	Sharon L. Taylor	25
82	10	43.1	Wetzel	Church	Calvin C. & Carol S. Cecil	18.5
83	10	44	Wetzel	Church	Charles W. Dunlop	53
84	10	43	Wetzel	Church	Charles W. Dunlop	20
85	10	46	Wetzel	Church	Norman C. Cosgray	41.5
86	10	47	Wetzel	Church	Bethie Cosgray	10.6
89	14	2	Wetzel	Church	Charles W. Dunlop	28
90	10	46	Wetzel	Church	Lorrie D. Cosgray	38.5
91	10	51	Wetzel	Church	Joe & Mary Joann Stickman	45.5
92	14	3	Wetzel	Church	Martha Shifflet	30
93	14	10	Wetzel	Church	Patricia C. Spangler	41.7
96	14	44	Wetzel	Church	Joseph C. & Nancy S. Seibert	68.77
97	14	12	Wetzel	Church	Estelle Ruth Drannen	80.5
98	14	4	Wetzel	Church	Estelle Ruth Drannen	190
99	14	20	Wetzel	Church	Tasgarden Family Trust	117.9
100	14	19	Wetzel	Church	Jack L. Ormfield J. et al	72.92
101	14	18	Wetzel	Church	Rhian Erin Miller	61.25
108	14	18.3	Wetzel	Church	Nathan M. Zinke	1.8
115	14	18.2	Wetzel	Church	Jack L. Ormfield J. et al	59
116	14	39	Wetzel	Church	Dorothy Proulx	85
117	18	5	Wetzel	Church	Artis Anselm LLC	80
118	18	7	Wetzel	Church	Dorothy Proulx	59
119	18	8	Wetzel	Church	Mark R. Vincent II	23.5
128	18	12	Wetzel	Church	Carol R. & James D. Summers	32.5
138	18	13	Wetzel	Church	Carol R. & James D. Summers	74.3
139	18	14	Wetzel	Church	Clint W. Jones	102.5
130	18	20	Wetzel	Church	William E. Muller	23.3
131	18	22	Wetzel	Church	Kenneth E. Noel, et al	11.5
132	18	24	Wetzel	Church	Linda L. Shadden	48.03
133	18	19	Wetzel	Church	Harold C. Richmond	45.12
134	18	17	Wetzel	Church	Carol Summers	57.3
135	5	1	Wetzel	Grant	Raccoon Run Properties LLC	370.01
138	10	5	Wetzel	Grant	Janet Marie Park	88.04
137	10	8	Wetzel	Grant	Janet Marie Park	37
136	10	7	Wetzel	Grant	Janet Marie Park	38
139	18	25	Wetzel	Church	Ernest M. Nicholas	88
143	10	33	Wetzel	Church	Aaron Hobbie	13.4
141	10	45	Wetzel	Church	Aaron Hobbie	37.55
142	10	44.1	Wetzel	Church	Joe & Mary Joann Stickman	2
143	10	34	Wetzel	Church	Aaron Hobbie	41.25
144	10	52	Wetzel	Church	Estelle Ruth Drannen	78.5
145	10	50	Wetzel	Church	Estelle Ruth Drannen	10.8
146	10	50.1	Wetzel	Church	Joe & Mary Joann Stickman	2
147	14	5	Wetzel	Church	Estelle Ruth Drannen	87.25
148	14	22	Wetzel	Church	William & Eva Tasgarden	155.32
149	14	21	Wetzel	Church	Tasgarden Cemetery	NA
150	14	20.1	Wetzel	Church	Tasgarden Family Trust	2.088
151	14	22.7	Wetzel	Church	Deanna J. Shifflet	18.28
152	14	40	Wetzel	Church	Scott J. Shi	50
153	14	1	Wetzel	Church	Artis Anselm LLC	121.9

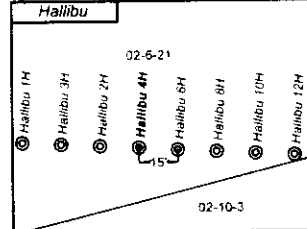
Well References



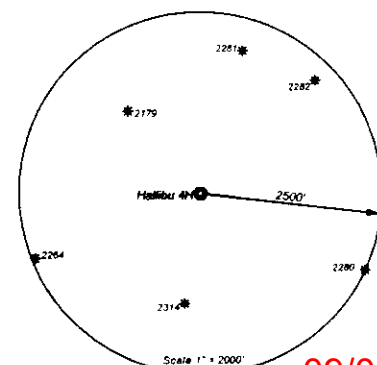
As Drilled Well Information

Hallibu 4H coordinates are
NAD 27 N 423 983 20 E 1 716 047 84
NAD 83 UTM N 4 390 113 30 E 542 170 42
Hallibu 4H Landing Point coordinates are
NAD 27 N 421 792 93 E 1 714 431 72
NAD 83 UTM N 4 389 437 76 E 541 699 56
Hallibu 4H Bottom hole coordinates are
NAD 27 N 405 658 14 E 1 721 947 20
NAD 83 UTM N 4 384 560 33 E 544 061 14
West Virginia Coordinate system of 1927 (North Zone)
based upon Differential GPS Measurements
Plat orientation corner and well bes are based upon
the grid north meridian
Well location references are based upon the grid north
meridian
UTM coordinates are NAD83 Zone 17 Meters

Hallibu

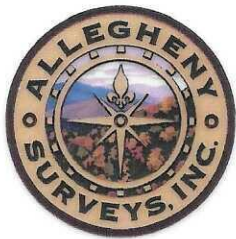


Lease No.	Owner	Acres
140903001	MCJV Holdings, LLC, et al	455.90
119077000	Patricia C. Spangler	35
105334020	Dale Palm Resources, LLC, et al	19.25 of 376.53
101595000	Nancy Dawn Cosgray, et al	4 of 173.77554
271560000	Clay D. Smith	59.3
116709002	Patricia C. Spangler	30.75 of 278.75
121438001	Rosa Lea Krebs, et al	64
110268004	Piney Holdings, Inc., et al	64.92
105334016	Keith David Dunlop, et al	103.0875
110268003	Piney Holdings, Inc., et al	93.15
105334045	Rex A. Rush, et al	91.6 of 196.30
132738010	Five Star Resources, LLC, et al	150
119075000	Stone Hill Minerals Holdings, LLC	80.5
117803003	Three Rivers Royalty II, LLC, et al	120
103123002	Diamond Energy Acquisition Group, LLC, et al	144
120064085	Piney Holdings, Inc., et al	74.143375
105066014	William T. Dent, et al	45.125



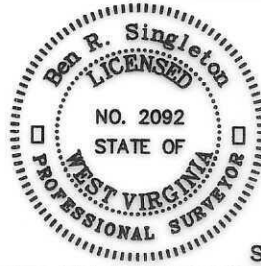
09/04/2026

TH: 2507 | ON: 80-30-00



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.

P.S. 2092



SEAL

FILE NO: 58-22
DRAWING NO: Hallibu 4H
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: October 27 20 25
 OPERATOR'S WELL NO.: Hallibu 4H
 API WELL NO
47 - 103 - 03704
 STATE COUNTY PERMIT

WELL TYPE: ☐ OIL ☒ GAS ☐ LIQUID INJECTION ☐ WASTE DISPOSAL
(IF GAS) PRODUCTION: ☐ STORAGE ☐ DEEP ☒ SHALLOW
LOCATION: ELEVATION: 1340' WATERSHED Shriver Run of Long Drain QUADRANGLE: Littleton
DISTRICT: Clay COUNTY: Wetzel 09/04/2026
SURFACE OWNER: EQT Production Company ACREAGE: 21
ROYALTY OWNER: MCJV Holdings, LLC, et al. LEASE NO: 140903001 ACREAGE: 455.90
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: 7571'

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

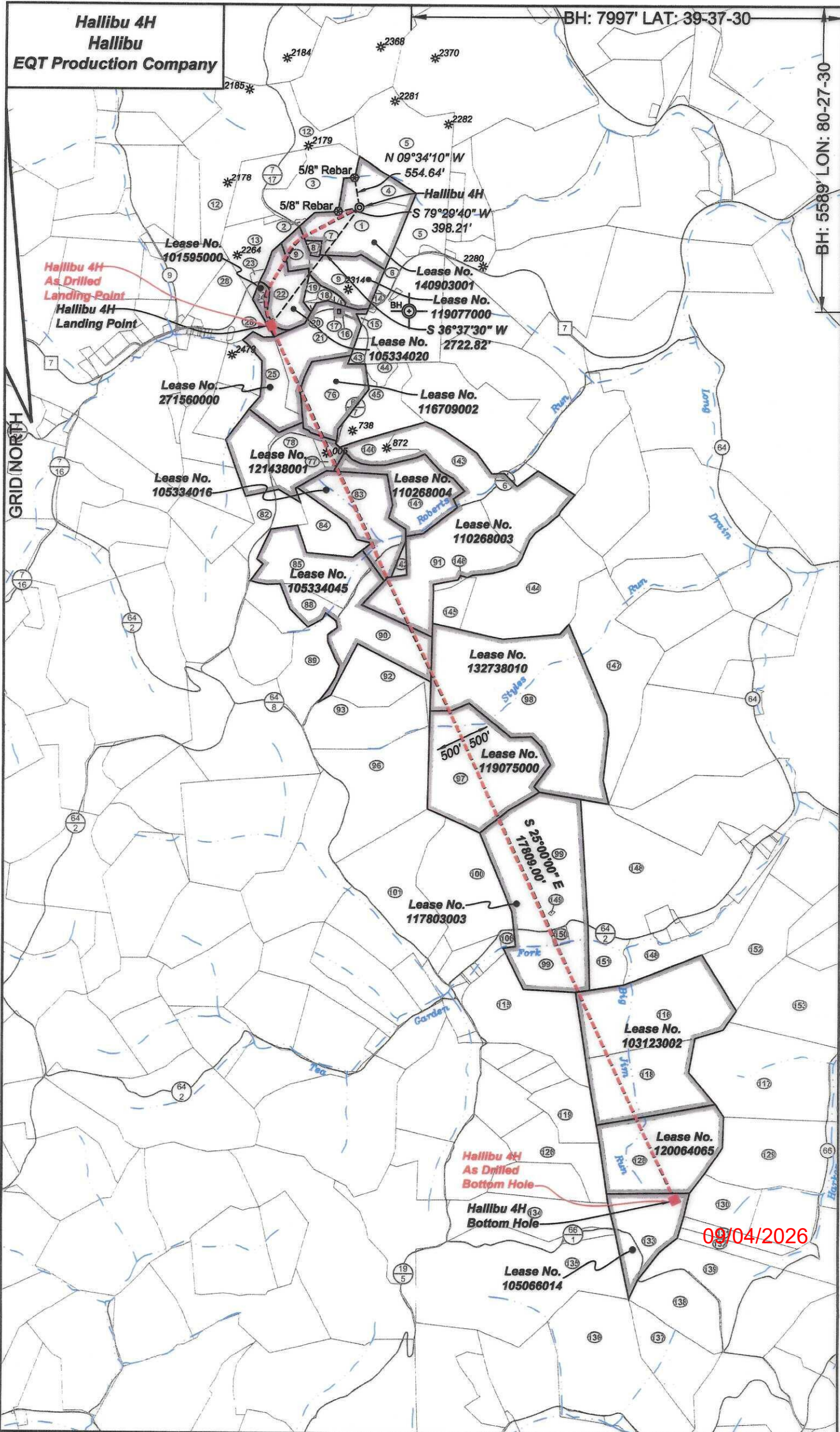
DESIGNATED AGENT: Joseph C. Mallow
ADDRESS: 427 Midstate Drive
Clarksburg, WV 26301

Hallibu 4H
Hallibu
EQT Production Company

BH: 7997' LAT: 39-37-30

BH: 5589' LON: 80-27-30

GRID NORTH

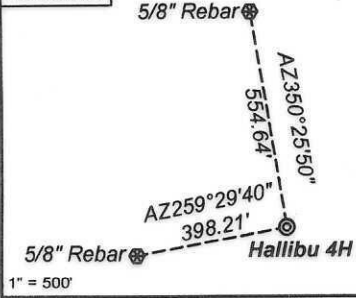


09/04/2026

Hallibu 4H
Hallibu
EQT Production Company

Tract I.D.	Tax Map No.	Parcel No.	County	District	Surface Tract Owner	Acres
1	10	3	Wetzel	Church	EDT Production Company	36.4
2	7	18.2	Wetzel	Clay	GrandView-Doolin PSD	0.38
3	7	18.1	Wetzel	Clay	Martha Mason & Carolyn Hanlon	30
4	6	21	Wetzel	Church	EDT Production Company	21
5	7	19	Wetzel	Clay	Robert M. Roberts	73.211
6	10	12.2	Wetzel	Church	Ralph Wright	5.18
7	10	2	Wetzel	Church	EDT Production Company	0.78
8	10	2.1	Wetzel	Church	Thomas E. Brown Life Estate	0.88
9	10	9	Wetzel	Church	Patricia C. Spangler	35
12	7	17	Wetzel	Clay	Robin L. Utt & Alisha Carole	90.5
13	10	1	Wetzel	Church	Drilling Appalachian Corp	24.8
14	10	12.1	Wetzel	Church	Patricia C. Spangler	0.5
15	10	10	Wetzel	Church	Harriet L. Tustin Life Estate	0.52
16	10	9.5	Wetzel	Church	John Rice	0.25
17	10	9.3	Wetzel	Church	John Rice	0.25
18	10	9.1	Wetzel	Church	John Rice	2.22
19	10	9.2	Wetzel	Church	John Rice	1.28
20	10	9.4	Wetzel	Church	Gehrig Cosgray	0.5
21	10	18.2	Wetzel	Church	Clay D. Smith	34.21
22	10	1.1	Wetzel	Church	Gehrig Cosgray	19.25
23	10	1.4	Wetzel	Church	Kenneth R. & Jennifer L. Mason	1.08
24	10	1.2	Wetzel	Church	Jack D. & Linda Cosgray	4
25	10	18.1	Wetzel	Church	Clay D. Smith	22.92
26	9	8	Wetzel	Church	Mark Ransom	43.3
27	9	8.1	Wetzel	Church	Aamon A. & Flora J. Burley	18
28	12	43	Wetzel	Center	Jack D. & Linda Cosgray	27.289
29	12	43.1	Wetzel	Center	Timmy R. & Tamra J. Sapp	0.25
30	9	19	Wetzel	Church	Sharon Goddard	Lot 6
31	9	1.1	Wetzel	Church	Irene P. Kyle	0.481
32	12	41	Wetzel	Center	Irene P. Kyle	1.13
33	6	27	Wetzel	Clay	John D. Whitehill Life Estate	35.75
34	12	24.3	Wetzel	Center	Matthew L. Kennedy	4.61
35	12	24	Wetzel	Center	Matthew L. Kennedy	87.67
43	10	18	Wetzel	Church	Harriet L. Tustin	5.7
44	10	26.2	Wetzel	Church	Shelby C. Norris	3.739
45	10	26	Wetzel	Church	Robert B. & Rona V. Grimm	25.15
76	10	28.1	Wetzel	Church	Robert & Rona Grimm	30.75
77	10	32	Wetzel	Church	Sheridan L. Taylor	5.75
78	10	31	Wetzel	Church	Sheridan L. Taylor	25
82	10	43.1	Wetzel	Church	Calvin C. & Carol S. Ocil	18.5
83	10	44	Wetzel	Church	Charles W. Duncil	53
84	10	43	Wetzel	Church	Charles W. Duncil	20
85	10	48	Wetzel	Church	Norman C. Cosgray	41.5
88	10	47	Wetzel	Church	Bertha Cosgray	10.6
89	14	2	Wetzel	Church	Charles W. Duncil	29
90	10	49	Wetzel	Church	Lonnie D. Cosgray	39.5
91	10	51	Wetzel	Church	Joe & Mary Joann Stockman	46.5
92	14	3	Wetzel	Church	Martha Shifflet	30
93	14	10	Wetzel	Church	Patricia C. Spangler	41.7
96	14	44	Wetzel	Church	Joseph C. & Nancy S. Swihart	68.77
97	14	12	Wetzel	Church	Eulalia Ruth Drennen	80.5
98	14	4	Wetzel	Church	Eulalia Ruth Drennen	150
99	14	20	Wetzel	Church	Teagarden Family Trust	117.9
100	14	19	Wetzel	Church	Jack L. Orinfield Jr., et al.	72.92
101	14	18	Wetzel	Church	Brian Erin Miller	61.25
106	14	19.3	Wetzel	Church	Nathan M. Zirkle	1.8
115	14	19.2	Wetzel	Church	Jack L. Orinfield Jr., et al.	58
116	14	39	Wetzel	Church	Deborah Fronczek	85
117	18	8	Wetzel	Church	Artful Artesian LLC	80
118	18	7	Wetzel	Church	Deborah Fronczek	59
119	18	6	Wetzel	Church	Mark R. Vincent II	23.5
126	18	12	Wetzel	Church	Ocail R. & James D. Summers	32.5
128	18	13	Wetzel	Church	Ocail R. & James D. Summers	74.3
129	18	14	Wetzel	Church	Clint W. Jones	102.5
130	18	20	Wetzel	Church	William E. Mullett	23.3
131	18	22	Wetzel	Church	Kenneth E. Yost, et al.	11.5
132	18	24	Wetzel	Church	Linda L. Shedd	46.03
133	18	19	Wetzel	Church	Harold C. Richmond	45.12
134	18	17	Wetzel	Church	Ocail Summers	57.3
135	5	1	Wetzel	Grant	Raccoon Run Properties LLC	370.01
136	10	5	Wetzel	Grant	Janet Marie Park	99.94
137	10	6	Wetzel	Grant	Janet Marie Park	37
138	10	7	Wetzel	Grant	Janet Marie Park	38
139	18	25	Wetzel	Church	Ernest M. Nicholas	68
140	10	33	Wetzel	Church	Aaron Hoekje	13.4
141	10	45	Wetzel	Church	Aaron Hoekje	37.55
142	10	44.1	Wetzel	Church	Joe & Mary Joann Stockman	2
143	10	34	Wetzel	Church	Aaron Hoekje	41.25
144	10	52	Wetzel	Church	Eulalia Ruth Drennen	78.5
145	10	50	Wetzel	Church	Eulalia Ruth Drennen	10.9
146	10	50.1	Wetzel	Church	Joe & Mary Joann Stockman	2
147	14	5	Wetzel	Church	Eulalia Ruth Drennen	67.25
148	14	22	Wetzel	Church	William & Eva Teagarden	155.32
149	14	21	Wetzel	Church	Teagarden Cemetery	NA
150	14	20.1	Wetzel	Church	Teagarden Family Trust	2.096
151	14	22.7	Wetzel	Church	Deanna J. Smitzel	16.26
152	14	40	Wetzel	Church	Scott J. Six	50
153	14	1	Wetzel	Church	Artful Artesian LLC	121.9

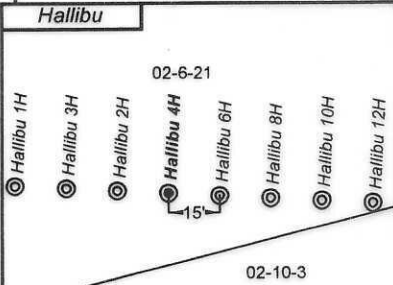
Well References



As Drilled Well Information:
Hallibu 4H coordinates are

NAD 27 N: 423,983.20 E: 1,716,047.84
NAD 83 UTM N: 4,390,113.30 E: 542,170.82
Hallibu 4H Landing Point coordinates are
NAD 27 N: 421,792.93 E: 1,714,431.72
NAD 83 UTM N: 4,389,437.76 E: 541,689.56
Hallibu 4H Bottom Hole coordinates are
NAD 27 N: 405,658.14 E: 1,721,947.20
NAD 83 UTM N: 4,384,560.33 E: 544,061.14
West Virginia Coordinate 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.

Hallibu



Lease No.	Owner	Acres
140903001	MCJV Holdings, LLC, et al.	455.90
119077000	Patricia C. Spangler	35
105334020	Date Palm Resources, LLC, et al.	19.25 of 375.53
101595000	Nancy Dawn Cosgray, et al.	4 of 173.77554
271560000	Clay D. Smith	59.3
116709002	Patricia C. Spangler	30.75 of 278.75
121438001	Rosa Lea Krebs, et al.	64
110268004	Piney Holdings, Inc., et al.	64.92
105334016	Keith David Duncil, et al.	103.0875
110268003	Piney Holdings, Inc., et al.	93.15
105334045	Rex A. Rush, et al.	91.6 of 196.30
132738010	Five Star Resources, LLC, et al.	150
119075000	Stone Hill Minerals Holdings, LLC	80.5
117803003	Three Rivers Royalty II, LLC, et al.	120
103123002	Diamond Energy Acquisition Group, LLC, et al.	144
120064065	Piney Holdings, Inc., et al.	74.143375
105066014	William T. Dent, et al.	45.125

