

Well Operator's Report of Well Work



Office of Oil and Gas

APR 28 2022

WV Department of
Environmental Protection

Well Number: LIT53 3H (675540)

API: 47 - 103 - 03355

Submission: Initial Amended

Notes:

Reviewed

Ernest Keyhole 8-22-2022

09/09/2022

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

API 47-103-03355 County Wetzel District Center
Quad Littleton Pad Name Prine Field/Pool Name N/A
Farm name Howard M. Henderson Well Number LIT53 3H (675540)
Operator (as registered with the OOG) EQT Production Company
Address 2400 Ansys Drive, Suite 200 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 4,391,196.72 Easting 536,578.91
Landing Point of Curve Northing 4,391,014.83 Easting 536,246.71
Bottom Hole Northing 4,394,023.31 Easting 533,129.58

Elevation (ft) 1336' 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 13.65 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

8-03-2020
Date permit issued 04/05/2021 Date drilling commenced 11/02/2020 Date drilling ceased 04/13/2021
Date completion activities began 10/05/2021 Date completion activities ceased 02/02/2022
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 134 Open mine(s) (Y/N) depths N
Salt water depth(s) ft 1967,2101 Void(s) encountered (Y/N) depths N
Coal depth(s) ft 833,1062,1171 Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

Reviewed by:

09/09/2022

API 47- 103 - 03355 Farm name Howard M. Henderson Well number LIT53 3H (675540)

Drilling Contractor Falcon (Rig 25)
Address 1120 US-119 City Indiana State PA Zip 15701

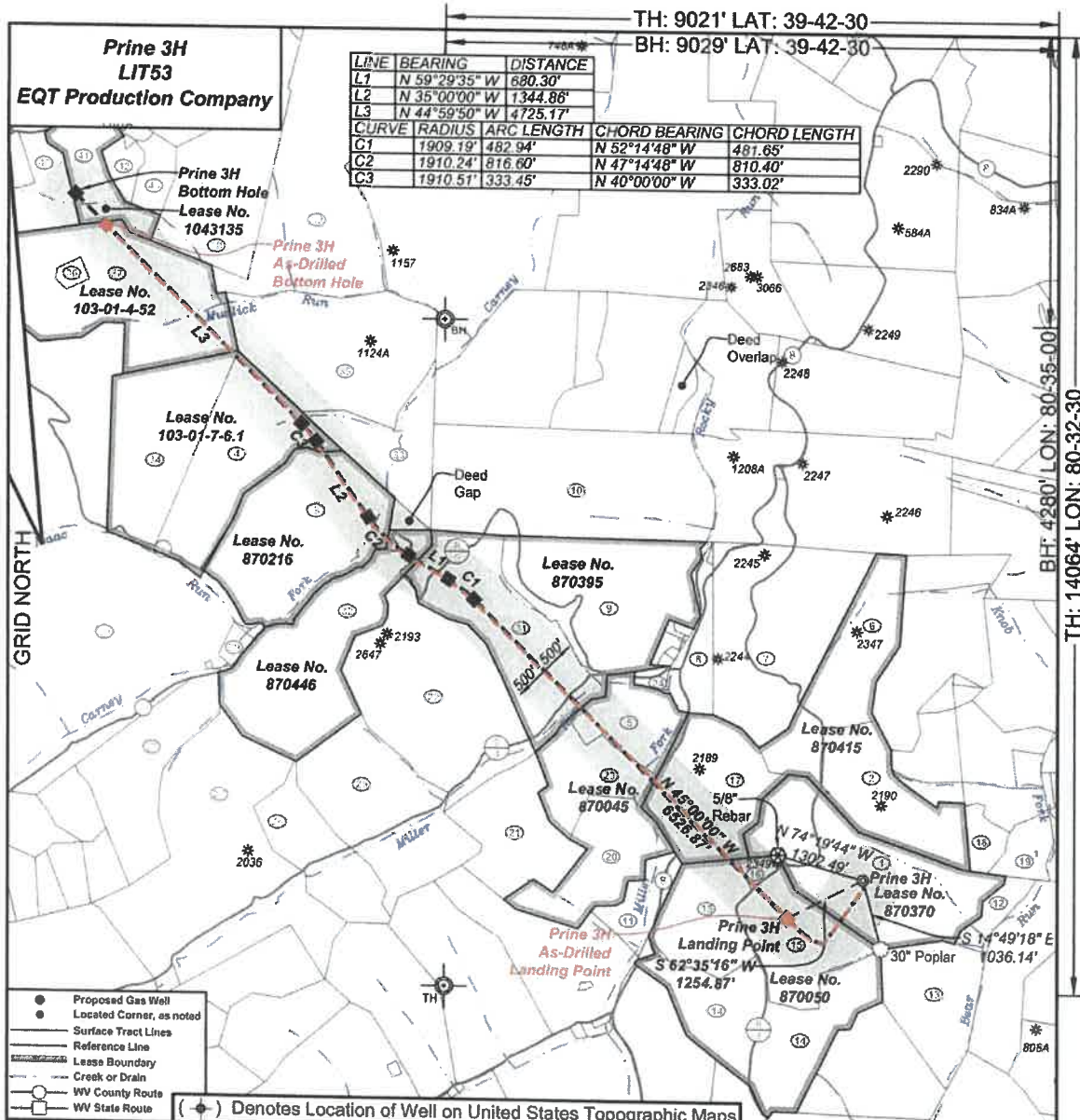
Logging Company Scientific Drilling International
Address 124 Vista Drive City Charleroi State PA Zip 15022

Logging Company GyroData
Address 73 Noblestown Road City Carnegie State PA Zip 15106

Stimulating Company Evolution Well Services
Address 1780 Hughes Landing Blvd City The Woodlands State TX Zip 77380

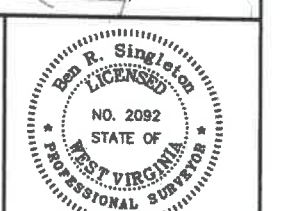
Well # Prine 3H (675540) Final Formations API# 47-103-03355				
Formation Name	Drill Top MD (ftGRD)	Drill Top (TVD) (ftGRD)	Drill Btm MD (ftGRD)	Drill Btm (TVD) (ftGRD)
Sand/Shale	1	1	826	826
Waynesburg	826	826	830	830
Sand/Shale	830	830	1,045	1,044
Sewickley	1,045	1,044	1,051	1,050
Sand/Shale	1,051	1,050	1,149	1,148
Pittsburgh	1,149	1,148	1,158	1,157
Sand/Shale	1,158	1,157	2,412	2,410
Big Lime	2,412	2,410	2,523	2,521
Big Injun	2,523	2,521	2,790	2,787
Weir	2,790	2,787	3,190	3,186
Gordon	3,190	3,186	3,407	3,399
Baynard	3,407	3,399	5,846	5,749
Alexander	5,846	5,749	6,289	6,175
Elks	6,289	6,175	7,162	7,014
Sonyea	7,162	7,014	7,337	7,173
Middlesex	7,337	7,173	7,386	7,213
Genesee	7,386	7,213	7,494	7,295
Geneseo	7,494	7,295	7,527	7,317
Tully	7,527	7,317	7,566	7,342
Hamilton	7,566	7,342	7,786	7,441
Marcellus	7,786	7,441	22,272	7,478

09/09/2022



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.

Ben R. Singleton
P.S. 2092



FILE NO: 289-16
DRAWING NO: Prine 3H
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: April 14, 2021
OPERATOR'S WELL NO.: Prine 3H
API WELL NO: 47-103-03355
STATE COUNTY PERMIT

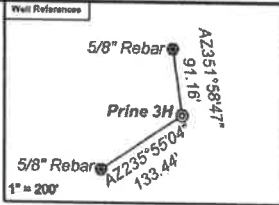
WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION: ELEVATION: 1335' WATERSHED: Tributary of Bear Run QUADRANGLE: Littleton
DISTRICT: Center COUNTY: Wetzel
SURFACE OWNER: Howard M. Henderson ACREAGE: 112
ROYALTY OWNER: Jamie Joe Prine, et al LEASE NO: 870370 ACREAGE: 111
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: 7,489'

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

09/09/2022

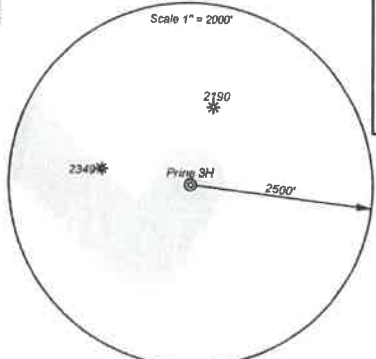
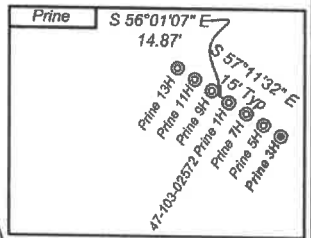
**Prine 3H
LIT53
EQT Production Company**

Tract I.D.	Tax Map No.	Parcel No.	County	District	Surface Tract Owner	Acres
1	8	43	Wetzel	Center	Howard M. Henderson	112.00
2	8	44	Wetzel	Center	William D. Henderson	55.00
3	7	7	Wetzel	Center	Charles D. Wood	108.07
4	7	6.1	Wetzel	Center	Rickay A. & Carol A. Yeater	149.00
5	8	40.1	Wetzel	Center	Robert E. Dorsey, Sr.	38.00
6	8	28	Wetzel	Center	Howard M. & William D. Henderson	67.00
7	8	28	Wetzel	Center	Matthew J. Rice	108.00
8	8	24	Wetzel	Center	Charles P. & Frances P. Wada	19.44
9	8	17	Wetzel	Center	Ervin H. & Janet L. Backinger	91.00
10	8	7	Wetzel	Center	EQT Production Company	150.00
11	11	6.1	Wetzel	Center	Robert E. Dorsey, Sr.	20.00
12	11	9	Wetzel	Center	Howard M. Henderson	10.10
13	11	8	Wetzel	Center	James B. & Margie L. Montgomery	52.00
14	11	6.1	Wetzel	Center	Larry L. & Lois J. Deam	64.80
15	11	6	Wetzel	Center	Ray S. & Timmy R. Sapp	60.50
16	11	6.2	Wetzel	Center	Roger L. & Sandra K. Wade	4.00
17	8	42	Wetzel	Center	Jeffrey P. & Howard M. Henderson	87.00
18	8	65	Wetzel	Center	Ashley Murphy, et al	8.43
19	8	47	Wetzel	Center	Howard M. Henderson	14.75
20	8	38	Wetzel	Center	Robert E. Dorsey, Sr.	56.00
21	8	38	Wetzel	Center	Lawrence D. Taylor, et al	48.50
22	8	37	Wetzel	Center	Robert Dorsey, Sr	128.75
23	8	40	Wetzel	Center	Robert E. Dorsey, Sr.	34.00
24	8	21	Wetzel	Center	Charles P. & Frances P. Wada	3.00
25	8	38.1	Wetzel	Center	Lawrence D. Taylor, et al	62.09
26	7	30	Wetzel	Center	Lawrence D. Taylor, et al	38.00
27	7	38.1	Wetzel	Center	John E. & Carol B. Bull	125.48
28	7	28	Wetzel	Center	Tammy R. Haggover	53.00
28	7	19.1	Wetzel	Center	Patrick & Jolene Henderson	2.41
30	7	19	Wetzel	Center	Patrick E. Musgrave, et al	107.88
31	8	16	Wetzel	Center	Ervin H. & Janet L. Backinger	78.30
32	8	36	Wetzel	Center	Kenneth J. Hollibaugh	87.00
33	8	8	Wetzel	Center	David Wend	44.00
34	7	8	Wetzel	Center	Wallace J. Doron	162.21
35	5	22	Wetzel	Center	Mika Ross Inc	105.75
36	4	52.1	Wetzel	Center	Gregory Neil Musgrave	3.28
37	4	52	Wetzel	Center	Gregory Neil Musgrave, et al	127.72
38	5	21	Wetzel	Center	Busan Miller	90.25
39	5	14	Wetzel	Center	Benjamin E. Yarbber	224.00
40	4	35.1	Wetzel	Center	Steve Long	30.77
41	4	35	Wetzel	Center	Steve Long	34.25
42	4	35.6	Wetzel	Center	Robert L. Long	9.00
43	4	35.7	Wetzel	Center	Robert L. Long & Termy Wayman	12.00



As Drilled Well Information:
 Prine 3H coordinates are
 NAD 27 N: 427,845.30 E: 1,697,758.02
 NAD 83 UTM N: 4,391,196.72 E: 536,578.91
 Prine 3H Kick Out Point coordinates are
 NAD 27 N: 427,777.74 E: 1,697,779.97
 NAD 83 UTM N: 4,391,176.24 E: 536,585.94
 Prine 3H Landing Point coordinates are
 NAD 27 N: 427,266.68 E: 1,696,657.99
 NAD 83 UTM N: 4,391,014.83 E: 536,246.71
 Prine 3H Bottom Hole coordinates are
 NAD 27 N: 437,309.90 E: 1,686,594.02
 NAD 83 UTM N: 4,394,023.31 E: 536,129.58
 West Virginia Coordinate system of 1927 (North Zone)
 based upon Differential GPS Measurements.
 Plat orientation, corner and well lies are based upon
 the grid north meridian.
 Well location references are based upon the grid north
 meridian.
 UTM coordinates are NAD83, Zone 17, Meters.

Lease No.	Owner	Acres
870050	Green Dot Farm, et al	195
870415	Howard Henderson, et al	189
870045	Green Dot Farm, Inc., et al	125
870395	Brian R. Morgan, et al	170
870216	Gore-Morris Trust, et al	108.43
870446	Kenneth Joe Hollibaugh	87
01-7-6.1	Green Dot Farm, Inc.	149.00
01-4-52	Gregory Neil Musgrave, et al	127.72
1043135	Mary Gallo, et al	34.25

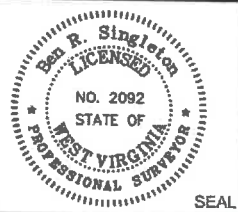


- Proposed Gas Well
- Located Corner, as noted
- Surface Tract Lines
- Reference Line
- Lease Boundary
- - - Creek or Drain
- WV County Route
- WV State Route



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 ADDRESS: 400 Woodcliff Drive ADDRESS: 115 Professional Place PO Box 280
 Canonsburg, PA 15317 Bridgeport, WV 26330

09/09/2022

Perforation Data

Stage No.	Perforation Date	Stage Perforated From TMD Ft.	Stage Perforated To TMD Ft.	# of Perforations/Stage	Formation(s)
2	11/18/2021	22160.4	22004	36	Marcellus
3	11/18/2021	21984.0	21825	36	Marcellus
4	11/18/2021	21800.0	21646	36	Marcellus
5	11/19/2021	21626.0	21467	36	Marcellus
6	11/19/2021	21445.3	21288	36	Marcellus
7	11/19/2021	21264.0	21109	36	Marcellus
8	11/20/2021	21086.0	20910	40	Marcellus
9	11/20/2021	20890.3	20712	40	Marcellus
10	11/20/2021	20691.0	20514	40	Marcellus
11	11/21/2021	20491.0	20316	40	Marcellus
12	11/21/2021	20294.8	20118	40	Marcellus
13	11/21/2021	20096.0	19920	40	Marcellus
14	11/22/2021	19900.9	19722	40	Marcellus
15	11/22/2021	19702.0	19524	40	Marcellus
16	11/24/2021	19506.0	19326	40	Marcellus
17	11/24/2021	19304.5	19128	40	Marcellus
18	11/24/2021	19110.0	18930	40	Marcellus
19	11/25/2021	18912.0	18732	40	Marcellus
20	11/25/2021	18713.0	18534	40	Marcellus
21	11/25/2021	18516.0	18336	40	Marcellus
22	11/26/2021	18317.6	18138	40	Marcellus
23	11/27/2021	18119.7	17940	40	Marcellus
24	11/27/2021	17922.0	17742	40	Marcellus
25	11/28/2021	17723.0	17544	40	Marcellus
26	11/29/2021	17526.0	17346	40	Marcellus
27	11/29/2021	17326.5	17148	40	Marcellus
28	11/30/2021	17130.0	16950	40	Marcellus
29	11/30/2021	16932.0	16752	40	Marcellus
30	12/01/2021	16734.0	16554	40	Marcellus
31	12/02/2021	16536.0	16356	40	Marcellus
32	12/02/2021	16338.0	16158	40	Marcellus
33	12/03/2021	16139.0	15959	40	Marcellus
34	12/04/2021	15935.0	15760	40	Marcellus
35	12/04/2021	15742.0	15562	40	Marcellus
36	12/05/2021	15543.0	15363	40	Marcellus
37	12/05/2021	15344.0	15164	40	Marcellus
38	12/06/2021	15145.0	14965	40	Marcellus
39	12/07/2021	14946.0	14766	40	Marcellus
40	12/08/2021	14747.0	14567	40	Marcellus
41	12/08/2021	14545.0	14368	40	Marcellus
42	12/09/2021	14343.0	14169	40	Marcellus
43	12/09/2021	14147.0	13970	40	Marcellus

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44	12/10/2021	13944.0	13771	40	Marcellus
45	12/10/2021	13752.0	13572	40	Marcellus
46	12/12/2021	13545.0	13373	40	Marcellus
47	12/15/2021	13354.0	13174	40	Marcellus
48	12/16/2021	13152.0	12975	40	Marcellus
49	12/16/2021	12953.0	12776	40	Marcellus
50	12/16/2021	12754.0	12577	40	Marcellus
51	12/17/2021	12554.0	12378	40	Marcellus
52	12/18/2021	12355.0	12179	40	Marcellus
53	12/18/2021	12157.0	11980	40	Marcellus
54	12/18/2021	11958.8	11781	40	Marcellus
55	12/19/2021	11757.3	11582	40	Marcellus
56	12/19/2021	11559.9	11383	40	Marcellus
57	12/20/2021	11359.6	11184	40	Marcellus
58	12/20/2021	11164.0	10985	40	Marcellus
59	12/21/2021	10962.0	10786	40	Marcellus
60	12/27/2021	10767.0	10587	40	Marcellus
61	12/28/2021	10568.0	10388	40	Marcellus
62	12/29/2021	10369.0	10189	40	Marcellus
63	12/29/2021	10168.0	9990	40	Marcellus
64	12/30/2021	9971.0	9791	40	Marcellus
65	12/30/2021	9772.0	9592	40	Marcellus
66	12/30/2021	9573.0	9393	40	Marcellus
67	12/31/2021	9374.0	9194	40	Marcellus
68	12/31/2021	9175.0	8995	40	Marcellus
69	01/01/2022	8976.0	8796	40	Marcellus
70	01/01/2022	8777.0	8597	40	Marcellus
71	01/02/2022	8578.0	8398	40	Marcellus
72	01/02/2022	8379.0	8199	40	Marcellus
73	01/02/2022	8180.0	8000	40	Marcellus
74	01/03/2022	7981.0	7801	40	Marcellus

Stimulation Data

Stage #	Stimulation 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)
1	11/18/2021	80	9226	7719	3705	176173	4875	
2	11/18/2021	89	9348	6003	4680	396011	9327	
3	11/18/2021	95	9371	5831	4588	396090	9135	
4	11/19/2021	78	9359	5851	4855	396017	10129	
5	11/19/2021	92	9324	5913	5448	396001	9071	
6	11/19/2021	86	9393	5901	4618	396045	9073	
7	11/20/2021	90	9396	5687	4662	396142	9045	
8	11/20/2021	94	9361	5849	5043	440001	10002	
9	11/20/2021	96	9370	5683	4814	440057	10098	
10	11/21/2021	97	9327	5638	4961	440284	11418	
11	11/21/2021	98	9362	5878	4760	440005	9962	
12	11/21/2021	98	9361	5488	5111	440038	10000	
13	11/22/2021	99	9321	5311	5534	440002	9876	
14	11/22/2021	99	9285	5425	4813	440140	9956	
15	11/23/2021	100	9285	5375	5716	440060	9955	
16	11/24/2021	98	9200	5348	5678	440137	10410	
17	11/24/2021	99	9213	5376	4741	440040	9912	
18	11/25/2021	99	9263	5310	5240	440282	9826	
19	11/25/2021	100	9237	5237	5580	440274	9437	
20	11/25/2021	100	9260	5439	5176	440082	9862	
21	11/26/2021	100	9124	5142	5847	440995	9799	
22	11/27/2021	100	9175	5549	5390	440189	9838	
23	11/27/2021	99	9230	5463	5175	440169	9807	
24	11/28/2021	100	9264	5603	6082	440061	9831	
25	11/29/2021	100	9301	5789	5483	440093	9835	
26	11/29/2021	99	9340	5898	6193	440261	9838	
27	11/30/2021	100	9320	5887	5180	440104	9828	
28	11/30/2021	100	9311	5733	5066	440070	9842	
29	12/01/2021	99	9290	5843	5288	440115	9867	
30	12/02/2021	100	9241	6067	5068	440057	9898	
31	12/02/2021	100	9368	5957	5526	440212	9838	
32	12/02/2021	99	9383	5758	5511	440210	9809	
33	12/03/2021	99	9332	5729	5810	440475	9810	
34	12/04/2021	96	9392	5710	5663	440349	9839	
35	12/05/2021	96	9268	5798	5367	440116	9921	
36	12/05/2021	94	9367	5797	5614	440439	9872	
37	12/06/2021	98	9378	5563	5289	440222	9857	
38	12/07/2021	99	9358	5863	4817	440072	9887	
39	12/08/2021	99	9366	5794	5297	440389	9752	
40	12/08/2021	99	9397	5835	5516	440422	9802	
41	12/08/2021	100	9228	6051	6328	440047	9828	
42	12/09/2021	98	9361	6240	5414	440000	9758	

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43	12/10/2021	100	9252	6233	5643	440001	9830
44	12/10/2021	100	9287	6192	5852	440010	9691
45	12/12/2021	100	9273	6319	5611	440040	9785
46	12/13/2021	100	9286	6252	5331	440083	9714
47	12/15/2021	97	9371	6322	5464	440088	9768
48	12/16/2021	100	9242	5848	5229	440444	10304
49	12/16/2021	100	9235	5964	5267	440168	9709
50	12/17/2021	100	9262	6563	5180	440017	9758
51	12/18/2021	100	9218	6213	5139	439970	9639
52	12/18/2021	100	9266	5680	5421	440051	9652
53	12/18/2021	100	9189	5865	4777	439999	9719
54	12/19/2021	100	9185	6409	5058	440077	9630
55	12/19/2021	100	9146	5470	5159	440009	9684
56	12/20/2021	100	9029	5834	5059	440045	9648
57	12/20/2021	100	9235	5537	4915	440041	9691
58	12/21/2021	100	9118	6232	5144	440300	9681
59	12/27/2021	101	9054	5580	4558	440220	9625
60	12/28/2021	100	9203	5609	5034	440189	9587
61	12/29/2021	100	9184	5520	4718	440106	9575
62	12/29/2021	101	9051	5506	5424	440220	9651
63	12/30/2021	100	8819	5574	5480	440265	9613
64	12/30/2021	100	8884	5420	4459	440007	9659
65	12/30/2021	100	8871	5377	4631	440227	9640
66	12/31/2021	100	8407	5395	4141	440012	9555
67	12/31/2021	100	8884	5509	5175	440020	9507
68	01/01/2022	99	8890	5811	4400	440005	9616
69	01/01/2022	100	8862	5402	4869	440129	9630
70	01/02/2022	100	8822	5508	5396	440063	9551
71	01/02/2022	100	8691	5649	4807	440025	9555
72	01/02/2022	100	8529	5281	4922	440164	9508
73	01/03/2022	100	8479	5553	5113	440008	9527
74	01/03/2022	98	8387	5924	4601	440169	9495

Hydraulic Fracturing Fluid Product Component Information Disclosure



Job Start Date:	10/5/2021
Job End Date:	1/4/2022
State:	West Virginia
County:	Wetzel
API Number:	47-103-03355-00-00
Operator Name:	EQT Production
Well Name and Number:	Prine 3H
Latitude:	39.66980460
Longitude:	-80.57352110
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	7,507
Total Base Water Volume (gal):	30,110,724
Total Base Non Water Volume:	0

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	88.52895	None
Sand (Proppant)	EQT	Proppant	Silica Substrate	14808-60-7	100.00000	11.28909	None
Clearal 268	ChemStream	Biocide	Non-hazardous substances	Proprietary	80.00000	0.00898	None
FR-9800	ChemStream	Friction Reducer	Copolymer of 2-propenamide	Proprietary	30.00000	0.00776	None
StimSTREAM SC-398	ChemStream	Scale Inhibitor	Non-hazardous substances	Proprietary	90.00000	0.00757	None
FR-9800	ChemStream	Friction Reducer	Petroleum Distillate	64742-47-8	20.00000	0.00345	None
HCl	Beusa Holdings, Inc. dba Evolution Well Services Operating, LLC.	Acid	Hydrogen Chloride	7647-01-0	15.00000	0.00161	None
Clearal 268	ChemStream	Biocide	Glutaraldehyde	111-30-8	20.00000	0.00056	None

Propylene Glycol Solution	Downing	None	Propylene Glycol	57-55-6	100.00000	0.00035	None
Plexhib 166	Evolution	Acid Corrosion Inhibitor	Methanol	67-56-1	90.00000	0.00018	None
StimSTREAM SC-398	ChemStream	Scale Inhibitor	Bis(HexaMethylene Triamine Penta(Methylene Phosphonic Acid))(BHMT)	34690-00-1	10.00000	0.00009	None
Ferriplex 66	Evolution	Iron Control	Acetic Acid	000064-19-7	50.00000	0.00004	None
FR-9800	ChemStream	Friction Reducer	Oleic Acid Diethanolamide	93-83-4	2.00000	0.00003	None
FR-9800	ChemStream	Friction Reducer	Alcohols, C12-16, ethoxylated	68551-12-2	2.00000	0.00003	None
Ferriplex 66	Evolution	Iron Control	Citric Acid	000077-92-9	30.00000	0.00002	None
Clearal 268	ChemStream	Biocide	Didecyl dimethyl ammonium chloride	7173-51-5	3.00000	0.00001	None
Clearal 268	ChemStream	Biocide	Quaternary Ammonium Compounds	58424-85-1	3.00000	0.00001	None
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
Plexhib 166	Evolution	Acid Corrosion Inhibitor	Propargyl alcohol	107-19-7	5.00000	0.00000	None
Plexhib 166	Evolution	Acid Corrosion Inhibitor	Alcohols, C14-C15, ethoxylated	68951-67-7	7.00000	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 fresh water, produced water, and/or 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)



April 15, 2021

Matthew Hardt
11306 Clubhouse Rd
Presto, PA 15142

Mr. Hardt,

Please find enclosed a mylar copy of the Prine 3H As Drilled plat.

Thanks,
Ben Singleton

BIRCH RIVER OFFICE

237 Birch River Road
Birch River, WV 26610
phone: 304-649-8606 fax: 304-649-8608

BRIDGEPORT OFFICE

172 Thompson Drive
Bridgeport, WV 26330
phone: 304-848-5035 fax: 304-848-5037

CHARLESTON OFFICE

301 RHL Boulevard - Suite 5
Charleston, WV 25309
phone: 304-756-2949 fax: 304-756-2948

TH: 9021' LAT: 39-42-30

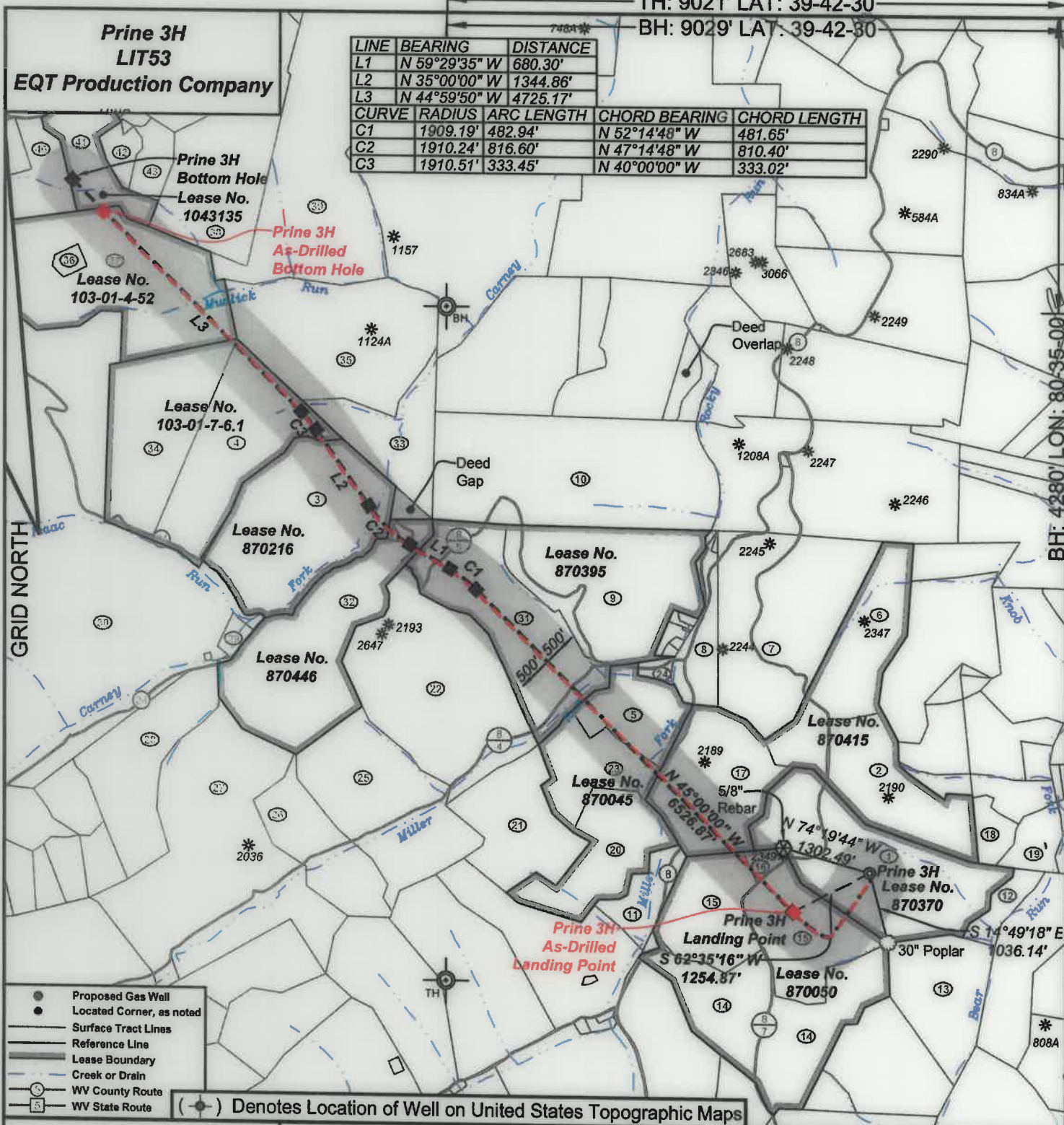
BH: 9029' LAT: 39-42-30

Prine 3H
LIT53
EQT Production Company

LINE	BEARING	DISTANCE
L1	N 59°29'35" W	680.30'
L2	N 35°00'00" W	1344.86'
L3	N 44°59'50" W	4725.17'

CURVE	RADIUS	ARC LENGTH	CHORD BEARING	CHORD LENGTH
C1	1909.19'	482.94'	N 52°14'48" W	481.65'
C2	1910.24'	816.60'	N 47°14'48" W	810.40'
C3	1910.51'	333.45'	N 40°00'00" W	333.02'

GRID NORTH



TH: 14064' LON: 80-32-30

BH: 4280' LON: 80-35-00

- Proposed Gas Well
- Located Corner, as noted
- Surface Tract Lines
- Reference Line
- Lease Boundary
- Creek or Drain
- WV County Route
- 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.

Ben R. Singleton

P.S. 2092



SEAL

FILE NO: 289-16
 DRAWING NO: Prine 3H
 SCALE: 1" = 2000'
 MINIMUM DEGREE OF ACCURACY: 1:2500
 PROVEN SOURCE OF ELEVATION: NGS CORS Station

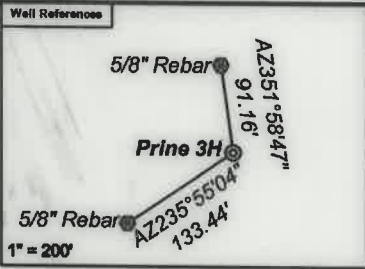
STATE OF WEST VIRGINIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
 OIL AND GAS DIVISION

DATE: April 14 20 21
 OPERATOR'S WELL NO.: Prine 3H
 API WELL NO
 47 - 103 - 03355
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
 LOCATION: ELEVATION: 1335' WATERSHED Tributary of Bear Run QUADRANGLE: Littleton
 DISTRICT: Center COUNTY: Wetzel
 SURFACE OWNER: Howard M. Henderson
 ROYALTY OWNER: Jamie Joe Prine, et al LEASE NO: 870370 ACREAGE: 111
 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: 7,489'

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

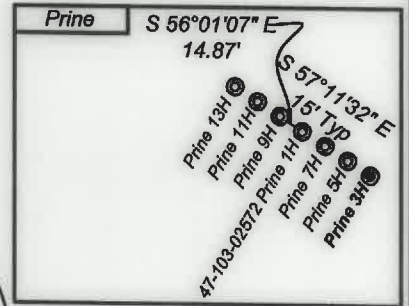
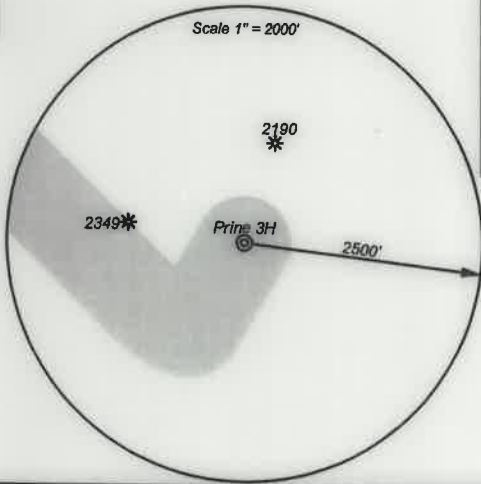
**Prine 3H
LIT53
EQT Production Company**



As Drilled Well Information:
Prine 3H coordinates are
 NAD 27 N: 427,845.30 E: 1,697,758.02
 NAD 83 UTM N: 4,391,196.72 E: 536,578.91
Prine 3H Kick Out coordinates are
 NAD 27 N: 427,777.74 E: 1,697,779.97
 NAD 83 UTM N: 4,391,176.24 E: 536,585.94
Prine 3H Landing Point coordinates are
 NAD 27 N: 427,266.68 E: 1,696,657.99
 NAD 83 UTM N: 4,391,014.83 E: 536,246.71
Prine 3H Bottom Hole coordinates are
 NAD 27 N: 437,309.90 E: 1,686,594.02
 NAD 83 UTM N: 4,394,023.31 E: 533,129.58
 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.

Tract I.D.	Tax Map No.	Parcel No.	County	District	Surface Tract Owner	Acres
1	8	43	Wetzel	Center	Howard M. Henderson	112.00
2	8	44	Wetzel	Center	William D. Henderson	65.00
3	7	7	Wetzel	Center	Charles D. Wood	108.27
4	7	6.1	Wetzel	Center	Rickey A. & Carol A. Yeater	149.00
5	8	40.1	Wetzel	Center	Robert E. Dorsey, Sr.	38.00
6	8	29	Wetzel	Center	Howard M. & William D. Henderson	57.00
7	8	28	Wetzel	Center	Matthew J. Rice	108.00
8	8	24	Wetzel	Center	Charles P. & Franny P. Wade	19.44
9	8	17	Wetzel	Center	Evan H. & Janet L. Backinger	91.00
10	8	7	Wetzel	Center	EQT Production Company	180.00
11	11	5.1	Wetzel	Center	Robert E. Dorsey, Sr.	20.00
12	11	9	Wetzel	Center	Howard M. Henderson	10.10
13	11	8	Wetzel	Center	James B. & Mergle L. Montgomery	52.00
14	11	8.1	Wetzel	Center	Larry L. & Lois J. Deam	94.50
15	11	6	Wetzel	Center	Ray S. & Timmy R. Sapp	90.50
16	11	8.2	Wetzel	Center	Roger L. & Sandra K. Wade	4.00
17	8	42	Wetzel	Center	Jeffrey P. & Howard M. Henderson	67.00
18	8	55	Wetzel	Center	Ashley Murphy, et al.	9.43
19	8	47	Wetzel	Center	Howard M. Henderson	14.75
20	8	39	Wetzel	Center	Robert E. Dorsey, Sr.	58.00
21	8	38	Wetzel	Center	Lawrence D. Taylor, et al.	48.50
22	8	37	Wetzel	Center	Robert Dorsey, Sr.	129.75
23	8	40	Wetzel	Center	Robert E. Dorsey, Sr.	34.00
24	8	21	Wetzel	Center	Charles P. & Franny P. Wade	3.00
25	8	38.1	Wetzel	Center	Lawrence D. Taylor, et al.	82.08
26	7	39	Wetzel	Center	Lawrence D. Taylor, et al.	35.00
27	7	38.1	Wetzel	Center	John E. & Carol S. Ball	125.46
28	7	28	Wetzel	Center	Tammy R. Weggoner	50.00
29	7	19.1	Wetzel	Center	Patrick & Jolene Henderson	2.41
30	7	19	Wetzel	Center	Patricia E. Musgrave, et al.	107.59
31	8	18	Wetzel	Center	Evan H. & Janet L. Backinger	70.30
32	8	36	Wetzel	Center	Kenneth J. Holibaugh	87.00
33	8	6	Wetzel	Center	David Wood	44.00
34	7	6	Wetzel	Center	Wallace J. Dolron	192.21
35	6	22	Wetzel	Center	Mike Ross Inc	103.75
36	4	52.1	Wetzel	Center	Gregory Neil Musgrave	3.28
37	4	52	Wetzel	Center	Gregory Neil Musgrave, et al.	127.72
38	5	21	Wetzel	Center	Susan Miller	69.25
39	5	14	Wetzel	Center	Benjamin E. Yarber	224.00
40	4	35.1	Wetzel	Center	Steve Long	36.77
41	4	35	Wetzel	Center	Steve Long	34.25
42	4	35.8	Wetzel	Center	Robert L. Long	9.00
43	4	35.7	Wetzel	Center	Robert L. Long & Tammy Wayman	13.00

Lease No.	Owner	Acres
870050	Green Dot Farm, et al.	195
870415	Howard Henderson, et al.	189
870045	Green Dot Farm, Inc., et al.	125
870395	Brian R. Morgan, et al.	170
870216	Gore-Morris Trust, et al.	108.43
870446	Kenneth Joe Holibaugh	87
01-7-6.1	Green Dot Farm, Inc.	149.00
01-4-52	Gregory Neil Musgrave, et al.	127.72
1043135	Mary Gallo, et al.	34.25



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- Creek or Drain
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Ben R. Singletor

P.S. 2092



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