

Well Operator's Report of Well Work



Well Number: Hines A M13H (L015645)

API: 47 - 051 - 02158

Submission: ☒ Initial ☐ Amended

Notes:

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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 47-051-02158 County Marshall District Washington
Quad Moundsville Pad Name HINES A Field/Pool Name N/A
Farm name Donald Hines et UX Well Number Hines A M13H (L015645)
Operator (as registered with the OOG) EQT CHAP LLC
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 4,417,405.08 Easting 525,708.36
Landing Point of Curve Northing 4,417,462.48 Easting 526,494.74
Bottom Hole Northing 4,412,742.10 Easting 528,588.98

Elevation (ft) 1225' 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)

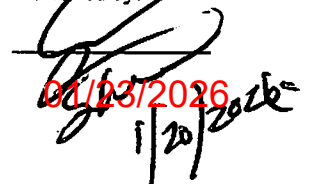
Synthetic Oil Based Mud 13.58 ppg barium sulfate, sodium chloride, xanthan gum, polyanionic cellulose, modified starch, sodium hydroxide, phosphonates and alkyl phosphates, glutaraldehyde solution, calcium hydroxide, partially hydrolyzed polyacrylamide/polyacrylate, potassium chloride, sodium carbonate, ground walnut shells, alcohol and modified fatty acid, ferrochrome lignosulfonate, calcium carbonate, fibrous cellulose

Date permit issued 02/22/2019 Date drilling commenced 03/21/2019 Date drilling ceased 04/27/2025
Date completion activities began 05/30/2025 Date completion activities ceased 08/10/2025
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 364' Open mine(s) (Y/N) depths N
Salt water depth(s) ft 1039', 1595', 1632' Void(s) encountered (Y/N) depths N
Coal depth(s) ft 364', 654' Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

Reviewed by:


01/23/2026
1/20/2026

API 47-051 - 02158 Farm name Donald Hines et UX Well number Hines A M13H (L015645)

CASING STRINGS	Hole Size	Casing Size	Depth (GL)	New or Used	Grade w/ft	Basket Depth(s) (GL)	Did cement circulate (Y/ N) * Provide details below*
Conductor	30"	20"	50'	NEW	X-52 78.6#	N/A	Y
Surface	17-1/2"	13-3/8"	460'	NEW	J-55 54.5#	N/A	Y
Coal							
Intermediate 1	12-1/4"	9-5/8"	2039'	NEW	L-80 40#	N/A	Y
Intermediate 2							
Intermediate 3							
Production	8-3/4", 8-1/2"	5-1/2"	24,447'	NEW	P-110 20#	N/A	N
Tubing							
Packer type and depth set							

Comment Details _____

Production cmt has calculated TOC of 489'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	N/A	N/A	N/A	N/A	0	8+
Surface	CLASS A	448	15.6	1.19	553	0	8
Coal							
Intermediate 1	CLASS A	687	15.6	1.19	817	0	8
Intermediate 2							
Intermediate 3							
Production	CLASS A	4740	15.0	1.19	5641	489'	8+
Tubing							

Drillers TD (ft) 24,467' Loggers TD (ft) N/A
Deepest formation penetrated MARCELLUS Plug back to (ft) N/A
Plug back procedure N/A

Kick off depth (ft) 519'

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 7633', EVERY JOINT TO 6291', EVERY OTHER JOINT TO 1537'

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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[illegible]

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Complete a separate record for each stimulation stage.

[illegible]

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Drilling Contractor Highlands Drilling LLC
Address 900 Virginia Street East City Charleston State WV Zip 25301

Cementing Company BJ Services
Address 1036 East Main Street City Bridgeport State PA Zip 26330

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

Cementing Company _____
Address _____ City _____ State _____ Zip _____

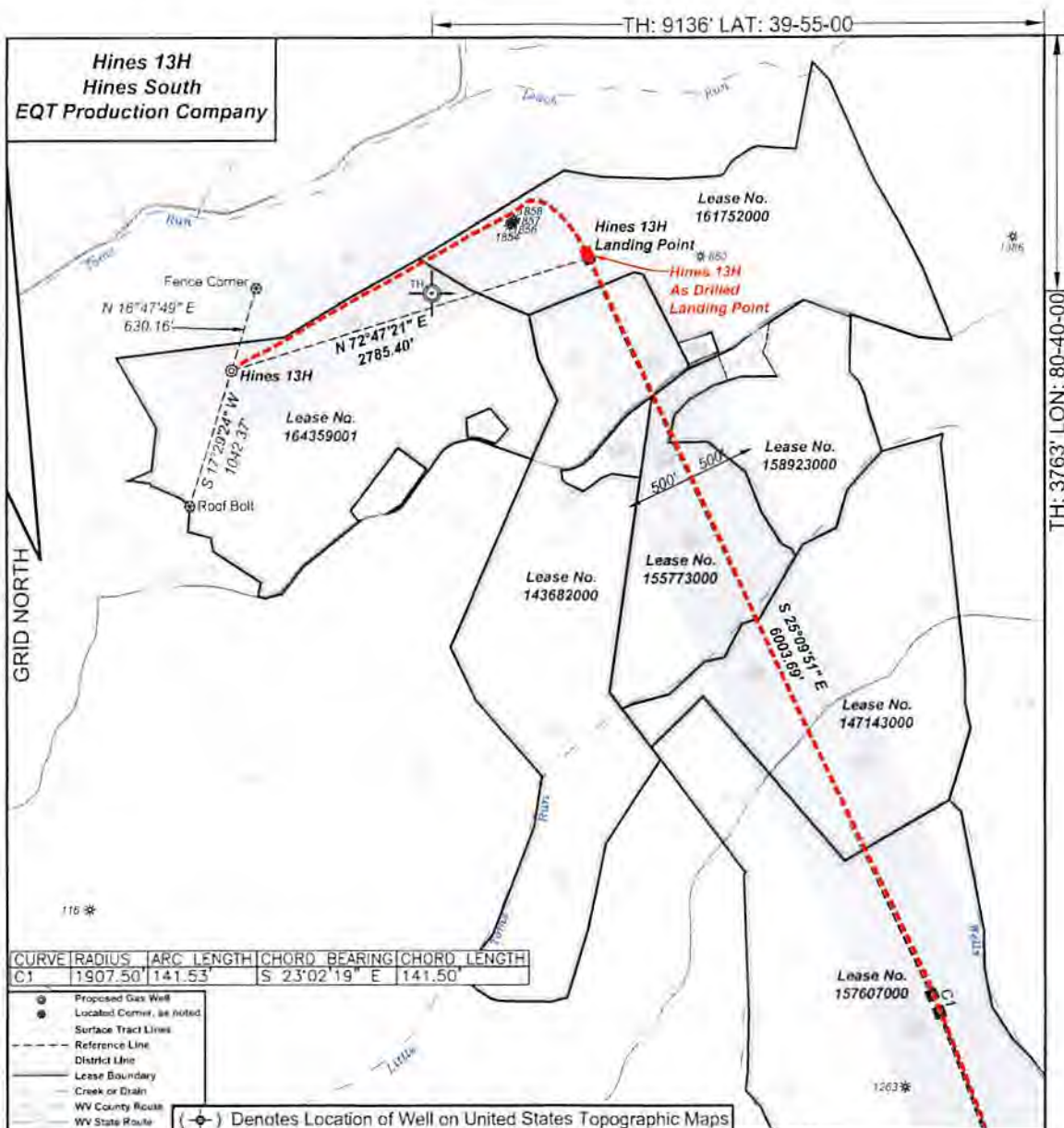
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Well # Hines A M13H Final Formations API# 47-051-02158				
Formation Name	Drill Top MD (ftGRD)	Drill Top (TVD) (ftGRD)	Drill Btm MD (ftGRD)	Drill Btm (TVD) (ftGRD)
Sand/Shale	1	1	364	364
Waynesburg Coal	364	364	367	367
Sand/Shale	367	367	654	654
Pittsburgh Coal	654	654	660	660
Sand/Shale	660	660	1,594	1,594
Big Lime	1,594	1,594	1,656	1,656
Sand/Shale	1,656	1,656	1,830	1,830
Burgoon	1,830	1,830	1,983	1,983
Sand/Shale	1,983	1,983	2,197	2,197
Berea	2,197	2,197	2,218	2,218
Sand/Shale	2,218	2,218	2,454	2,453
Gordon	2,454	2,453	2,529	2,526
Sand/Shale	2,529	2,526	4,976	4,482
Elk	4,976	4,482	4,977	4,483
Sand/Shale	4,977	4,483	5,637	4,981
Rhinestreet	5,637	4,981	6,847	5,948
Sonyea	6,847	5,948	6,963	6,043
Middlesex	6,963	6,043	6,999	6,070
Genesee	6,999	6,070	7,065	6,117
Geneseo	7,065	6,117	7,095	6,137
Tully	7,095	6,137	7,143	6,167
Hamilton	7,143	6,167	7,324	6,252
Marcellus	7,324	6,252	24,467	6,484

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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: 17-22
DRAWING NO: Hines 13H
SCALE: 1" = 1000'
MINIMUM DEGREE OF ACCURACY: 1:2500
PROVEN SOURCE OF ELEVATION: NGS CORS Station

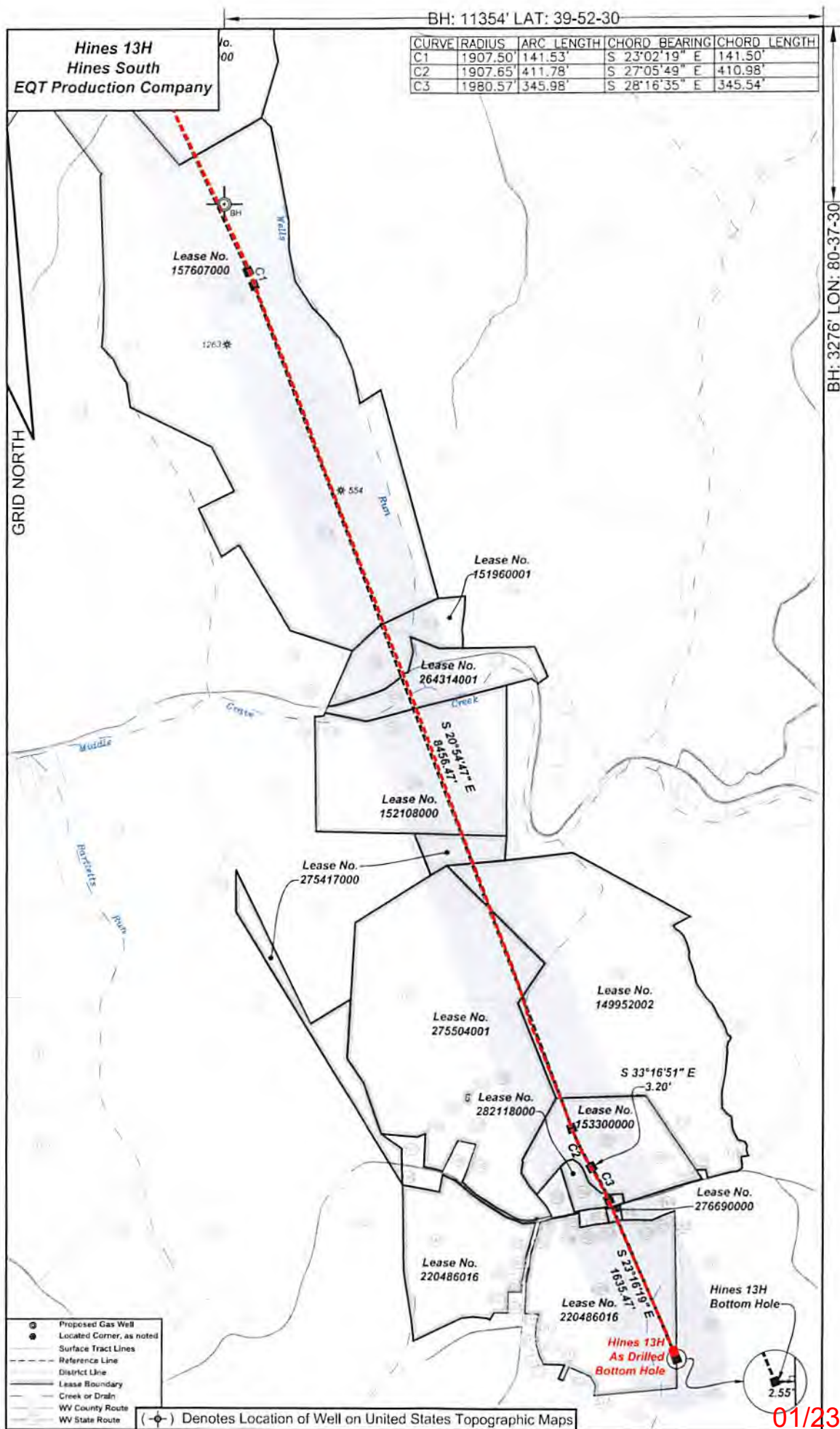
**STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION**

DATE: May 07 20 25
OPERATOR'S WELL NO: Hines 13H
API WELL NO
47 - 051 - 02158
STATE COUNTY PERMIT

WELL TYPE: ☐ OIL ☒ GAS ☐ LIQUID INJECTION ☐ WASTE DISPOSAL
(IF GAS) PRODUCTION: ☐ STORAGE ☐ DEEP ☒ SHALLOW
LOCATION: ELEVATION: 1125' WATERSHED Middle Grave Creek QUADRANGLE: Moundsville
DISTRICT: Washington COUNTY: Marshall
SURFACE OWNER: Shelby Hinterer ACREAGE: 94.658
ROYALTY OWNER: Shelby Hinterer LEASE NO: 164359001 ACREAGE: 156.218
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: 6312'

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

01/23/2026

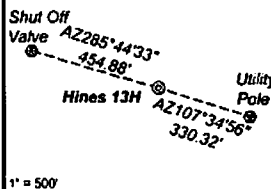


Hines 13H Hines South EQT Production Company

Tract I.D.	Tax Map No.	Parcel No.	County	District
1	12	30	Marshall	Washington
2	12	29	Marshall	Washington
3	11	1	Marshall	Washington
4	12	31	Marshall	Washington
5	12	30.7	Marshall	Washington
6	12	30.3	Marshall	Washington
7	12	30.2	Marshall	Washington
8	12	32	Marshall	Washington
9	12	33	Marshall	Washington
13	12	30.4	Marshall	Washington
14	12	30.6	Marshall	Washington
15	12	30.1	Marshall	Washington
16	12	30.5	Marshall	Washington
17	12	68	Marshall	Washington
18	12	25	Marshall	Washington
19	12	26	Marshall	Washington
20	12	27	Marshall	Washington
21	12	28.1	Marshall	Washington
22	12	28	Marshall	Washington
91	9	35	Marshall	Washington
92	9	36	Marshall	Washington
93	9	34	Marshall	Washington
94	10	0	Marshall	Washington
95	11	3.1	Marshall	Washington
96	11	3.3	Marshall	Washington
97	11	2	Marshall	Washington
98	11	2.1	Marshall	Washington
99	11	18.1	Marshall	Washington
100	11	18.2	Marshall	Washington
101	11	18	Marshall	Washington
102	11	1.2	Marshall	Washington
103	12	31.4	Marshall	Washington
104	12	31.1	Marshall	Washington
105	12	31.2	Marshall	Washington
106	13	4	Marshall	Washington
107	11	14	Marshall	Washington
108	11	0.1	Marshall	Washington
109	11	14.1	Marshall	Washington
110	11	13	Marshall	Washington
111	13	8	Marshall	Washington
112	11	15	Marshall	Washington
113	13	7	Marshall	Washington
114	11	11	Marshall	Washington
115	11	11.3	Marshall	Washington
116	13	10	Marshall	Washington
117	13	11	Marshall	Washington
118	13	11.1	Marshall	Washington
119	13	58	Marshall	Washington
120	13	50	Marshall	Washington
121	13	15	Marshall	Washington
122	13	21	Marshall	Washington
123	13	6	Marshall	Washington
124	13	13	Marshall	Washington
125	13	59	Marshall	Washington
126	13	57	Marshall	Washington
127	13	51	Marshall	Washington
128	13	56	Marshall	Washington
129	13	54	Marshall	Washington
130	1	6.1	Marshall	Clayton
131	1	6.2	Marshall	Clayton
132	1	6	Marshall	Clayton
133	1	14.1	Marshall	Clayton
134	13	64	Marshall	Washington
135	1	7	Marshall	Clayton
136	1	4	Marshall	Clayton
137	1	2	Marshall	Clayton
138	1	1	Marshall	Clayton
139	1	3	Marshall	Clayton
140	9	4	Marshall	Clay
141	9	5	Marshall	Clay
142	9	19	Marshall	Clay
143	9	20	Marshall	Clay
144	11	1.1	Marshall	Clayton
145	11	9.3	Marshall	Clayton
146	118	1	Marshall	Clayton
147	1	9	Marshall	Clayton
148	1	9.5	Marshall	Clayton
149	1	9.1	Marshall	Clayton
150	1	13	Marshall	Clayton
151	1	18	Marshall	Clayton
152	1	13.2	Marshall	Clayton
153	1A	1	Marshall	Clayton
154	1	11.3	Marshall	Clayton
155	1	12	Marshall	Clayton
156	1	11.1	Marshall	Clayton
157	1	11	Marshall	Clayton
158	1	9.6	Marshall	Clayton
159	1	10	Marshall	Clayton
160	1	11.5	Marshall	Clayton
161	118	13	Marshall	Clayton
162	118	14	Marshall	Clayton
163	118	15	Marshall	Clayton
164	118	16	Marshall	Clayton
165	118	17	Marshall	Clayton
166	118	18	Marshall	Clayton
167	118	19	Marshall	Clayton
168	118	20	Marshall	Clayton
169	1	9.4	Marshall	Clayton
170	1	9.2	Marshall	Clayton
171	118	8	Marshall	Clayton
172	118	11	Marshall	Clayton
173	118	12	Marshall	Clayton
174	118	10	Marshall	Clayton
175	11	10	Marshall	Clayton
176	11	11.1	Marshall	Clayton
177	118	9	Marshall	Clayton
178	11A	30	Marshall	Clayton
179	11A	39	Marshall	Clayton
180	11A	40	Marshall	Clayton
181	11A	41	Marshall	Clayton
182	11	9.2	Marshall	Clayton
183	11A	13	Marshall	Clayton
184	11A	14	Marshall	Clayton

Surface Tract Owner	Acres
Shelby Wood Hinters	94.653
Kevin Porter	25
Clay L. Rine, Jr.	87.577
Patricia Sue Hoskins	68.342
Lee K. Dorow	20.276
Tony L. Dorow, et al.	1.135
EQT Aurora LLC	3.2
Douglas Edward Gouldsbury, et al.	95.46
Henry T. Penrose Est, et al	83.127
EQT Aurora LLC	3.159
EQT Aurora LLC	1
Morgan T. Luedfeld	9.735
Anna M. Goodnight, et al.	8.833
Anna M. Goodnight, et al.	15.07
Starla of West Virginia	39
Edward David Knuth, et al.	9.18
Edward David Knuth, et al.	9.58
Edward David Knuth, et al.	0.17
Tobias G. & Jessica G. Brown	9.30
Ben A. & Robert G. Thomas	24.945
Ben A. & Robert G. Thomas	11.5
Ben A. & Robert G. Thomas	12.54
James Shurt, et al.	24.349
Roger Robert Brady	8.825
Edward R. & Ina L. Richards	2.033
Ranica D. Turner, et al.	34.685
Ranica D. Turner, et al.	0.355
Carl A. Cochran, et al.	1.197
Jody L. & Eric M. Wade	0.843
Paul E. & Brent L. Shipley	40.728
Robert Shultz, et al.	0.894
Charles E. & Kacie A. Hoskins	5
Howard L. & Sheila L. Henry	4.153
Onychophor Bruce Hoskins	5
Patricia Sue Hoskins	30
Country Roads Properties LLC	94.543
James Shurt, et al.	8.44
Benor Garberik	5.017
Calvin L. McCain	58.75
James J. Caveney, et al.	68.157
James J. Caveney, et al.	19.775
James J. Caveney, et al.	32.88
Lee Penner & Joanne Penner	51.688
Donna W. & Donna Crow	39.04
James J. Caveney, et al.	75
Donna W. & Donna Crow	37.694
Ohio County Coal Resources Inc.	5.569
Consolidation Coal Company	7.732
Dillon Outler, et al.	17.373
R. M. Colfield Family Trust	18.031
Richard E. Vargo, et al.	30.4
Todd & Dawn R. Kettler	57.125
David L. Bowdigo	71.250
Zachary A. & Amber L. Skunkel	6.698
Larry D. Keld, et al.	9.9044
Dillon Outler, et al.	0.9084
Donald G. & Erin S. Rogerson	0.2693
Donald G. & Erin S. Rogerson	0.108
Donald G. & Erin S. Rogerson	0.459
Donald G. Rogerson, Sr.	5
Donald G. & Erin S. Rogerson	48.831
Kenneth R. & Len J. Cook	4.182
Donna W. Major, et al.	13.707
Richard P. Forshey	210.887
Donald G. & Erin S. Rogerson	18.267
Larry D. Keld, et al.	25.67
Thelma Gouldsbury Est	35.692
Richard P. Forshey	2.5
Williams Ohio Valley Midstream, LLC	65.7
Ronald A. Hill	91.775
Marino E. Rotzher	69
Clyde D. & Tracy R. Shiner	154.49
Shari L. & Victor L. Brunsdram	30.24
Mark Steven Glasgow	22.38
Lorrie R. Kiger, et al.	0.43
Alfred L. & Brenda F. Burns	2
Howard M. & Katelynn M. Davidson	3.4283
Mark T. & Robbyn Roberts	58.133
EQT Aurora LLC	101.16
Ranica & Randy Barrow Living Trust	91
David Leo Dobbs	54.003
Hazor P. Robicue	0.471
EQT Aurora LLC	0.427
Garry R. Thomas	0.768
Garry R. Thomas	0.415
Garry R. Thomas	23.523
Mark T. & Robbyn Roberts	35.73
Mark A. & Bridget M. Albert	2.041
Lee M. & Paul E. Simmons	3.108
Michael S. Corley	0.39
James M. Thomas, et al.	0.381
Patricia A. Littleton	0.431
Frank M. Gayda, et al.	0.404
Joyce M. & Marvin K. Townsend	0.479
Dorothy L. Rush	0.599
Harry S. & Robbyn S. Aston	0.594
Harry S. & Robbyn S. Aston	0.525
Gary L. Chambers	0.1275
Gary L. Chambers	1.3557
Michael David Wood, et al.	1.705
Stephen M. Fye, et al.	0.426
William E. Nee, et al.	0.323
Michael S. Woods	0.428
Harry S. & Robbyn S. Aston	2.0889
Ronald B. Ornel	11.081
George Martin	0.409
Dillon A. & Kacie R. Smith	Lot 1
Ralph Morris, et al.	Lot 2
Steven L. Glasgow	Lot 3
Paul Z. Alonso	Lot 4
Harry S. & Robbyn S. Aston	48.751
Shed D. Wilhelm	0.242
Rogena Young	0.243

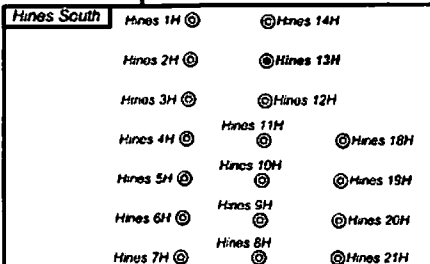
Well References



Additional Well Information:

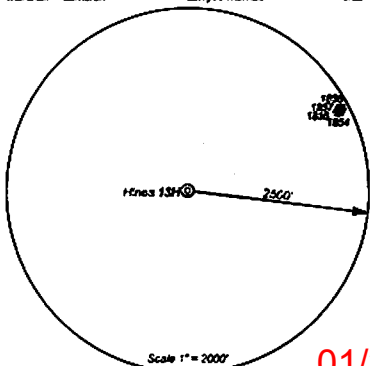
Hines 13H coordinates are
NAD 27 N: 514,444.24 E: 1,643,522.51
NAD 83 UTM N: 4,417,465.68 E: 525,708.36
Hines 13H Landing Point coordinates are
NAD 27 N: 515,323.76 E: 1,646,171.66
NAD 83 UTM N: 4,417,462.48 E: 526,494.74
Hines 13H Bottom Hole coordinates are
NAD 27 N: 499,700.10 E: 1,672,783.73
NAD 83 UTM N: 4,412,742.10 E: 529,588.98
West Virginia Coordinate system of 1927 (North Zone)
based upon Differential GPS Measurements.
Plot 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.

Hines South



Lease No.	Owner	Acres
164359001	Shelby Hinters	156.218
161752000	Clay L. Rine, Jr.	87.577
143682000	Patricia Sue Hoskins	115.515
155773000	Paul E. Shipley, et al.	42.937
158923000	Turner Family Trust, dated February 28, 2019	34.68
147143000	Country Roads Properties, LLC	69.56
157607000	James J. Caveney and Karen B. Caveney, et al.	215.792
151960001	CNK Gas Company LLC	32.758
264314001	Robert L. Byrd, et al.	16.528
152106000	Erin S. Rogerson, et al.	54.09
275417000	Richard P. Forshey	26.665
149952002	EQT Aurora LLC	101.163
275504001	Samuel J. Heater, et al.	98.23160
153300000	Patricia A. Thomas, et al.	25.6144
282118000	Lee Marie Simmons and Paul Edward Simmons	3.1
276690000	Grace A. Gayce, et al.	0.4040
220486016	Constance L. Owen, et al.	134

Tract I.D.	Tax Map No.	Parcel No.	County	District	Surface Tract Owner	Acres
212	11A	15	Marshall	Clayton	Roy & Carla L. Wells	0.282
213	11A	16	Marshall	Clayton	Bong & Torree Morgan	0.32
214	11A	17	Marshall	Clayton	Virgil R. Carmel Est	0.431
215	11A	73	Marshall	Clayton	Virgil R. Carmel Est	1.276
216	11A	37	Marshall	Clayton	Indya K. & Brennan M. Gogg	0.289
217	11A	36	Marshall	Clayton	Emily & Tanagra McCarthy	Lot 31
218	11A	35	Marshall	Clayton	George Martin, et al.	Lot 30
219	11	9.1	Marshall	Clayton	James T. Nozma	22.494
220	11	14	Marshall	Clayton	John Burdard, Jr	39.904
221	11	11	Marshall	Clayton	Harry S. & Robbyn S. Aston	23.72
222	11	16.3	Marshall	Washington	Brent Shipley	2.211
223	11	1.1	Marshall	Washington	Steven M. Loversick	0.439
224	12	31.3	Marshall	Washington	Patricia Sue Hoskins	5
225	1	9.0	Marshall	Clayton	Mark T. & Robbyn Roberts	0.0948
226	1	9.7	Marshall	Clayton	Thomas & Marilyn Roberts Irrevocable Trust	1.47
227	1	9.3	Marshall	Clayton	Gary L. Chambers	0.0569
228	1	11.4	Marshall	Clayton	Garry R. Thomas	0.82



01/23/2026

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	06/28/2025	24370	24219	48	Marcellus
3	06/28/2025	24190	24039	48	Marcellus
4	06/28/2025	24010	23859	48	Marcellus
5	06/28/2025	23830	23679	48	Marcellus
6	06/29/2025	23650	23499	48	Marcellus
7	06/29/2025	23470	23319	48	Marcellus
8	06/29/2025	23290	23139	48	Marcellus
9	06/29/2025	23110	22959	48	Marcellus
10	06/30/2025	22930	22779	48	Marcellus
11	06/30/2025	22750	22599	48	Marcellus
12	07/02/2025	22570	22419	48	Marcellus
13	07/02/2025	22390	22239	48	Marcellus
14	07/02/2025	22210	22059	48	Marcellus
15	07/02/2025	22030	21879	48	Marcellus
16	07/03/2025	21850	21699	48	Marcellus
17	07/03/2025	21670	21519	48	Marcellus
18	07/03/2025	21490	21339	48	Marcellus
19	07/04/2025	21310	21159	48	Marcellus
20	07/04/2025	21130	20979	48	Marcellus
21	07/04/2025	20950	20799	48	Marcellus
22	07/05/2025	20770	20619	48	Marcellus
23	07/05/2025	20590	20439	48	Marcellus
24	07/06/2025	20410	20259	48	Marcellus
25	07/06/2025	20230	20079	48	Marcellus
26	07/07/2025	20050	19899	48	Marcellus
27	07/07/2025	19870	19719	48	Marcellus
28	07/07/2025	19690	19539	48	Marcellus
29	07/08/2025	19510	19359	48	Marcellus
30	07/08/2025	19330	19179	48	Marcellus
31	07/08/2025	19150	18999	48	Marcellus
32	07/09/2025	18970	18819	48	Marcellus
33	07/09/2025	18790	18639	48	Marcellus
34	07/09/2025	18610	18459	48	Marcellus
35	07/10/2025	18430	18279	48	Marcellus
36	07/10/2025	18250	18099	48	Marcellus
37	07/10/2025	18070	17919	48	Marcellus
38	07/10/2025	17890	17739	48	Marcellus
39	07/10/2025	17710	17559	48	Marcellus
40	07/11/2025	17530	17379	48	Marcellus
41	07/11/2025	17350	17199	48	Marcellus
42	07/11/2025	17170	17019	48	Marcellus
43	07/11/2025	16990	16839	48	Marcellus
44	07/12/2025	16810	16659	48	Marcellus

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45	07/12/2025	16630	16479	48	Marcellus
46	07/12/2025	16450	16299	48	Marcellus
47	07/13/2025	16270	16119	48	Marcellus
48	07/13/2025	16090	15939	48	Marcellus
49	07/13/2025	15910	15759	48	Marcellus
50	07/14/2025	15730	15579	48	Marcellus
51	07/14/2025	15550	15399	48	Marcellus
52	07/14/2025	15370	15219	48	Marcellus
53	07/15/2025	15190	15039	48	Marcellus
54	07/15/2025	15010	14859	48	Marcellus
55	07/15/2025	14830	14679	48	Marcellus
56	07/16/2025	14650	14499	48	Marcellus
57	07/16/2025	14470	14319	48	Marcellus
58	07/17/2025	14290	14139	48	Marcellus
59	07/17/2025	14110	13959	48	Marcellus
60	07/17/2025	13930	13779	48	Marcellus
61	07/17/2025	13531	13381	48	Marcellus
62	07/18/2025	13352	13201	48	Marcellus
63	07/18/2025	13172	13022	48	Marcellus
64	07/18/2025	12993	12842	48	Marcellus
65	07/18/2025	12813	12663	48	Marcellus
66	07/18/2025	12634	12483	48	Marcellus
67	07/19/2025	12454	12304	48	Marcellus
68	07/19/2025	12275	12125	48	Marcellus
69	07/19/2025	12096	11945	48	Marcellus
70	07/19/2025	11916	11766	48	Marcellus
71	07/19/2025	11737	11586	48	Marcellus
72	07/20/2025	11557	11407	48	Marcellus
73	07/20/2025	11378	11227	48	Marcellus
74	07/20/2025	11198	11048	48	Marcellus
75	07/20/2025	11019	10868	48	Marcellus
76	07/20/2025	10839	10689	48	Marcellus
77	07/20/2025	10660	10509	48	Marcellus
78	07/21/2025	10481	10330	48	Marcellus
79	07/21/2025	10301	10151	48	Marcellus
80	07/21/2025	10122	9971	48	Marcellus
81	07/21/2025	9942	9792	48	Marcellus
82	07/21/2025	9763	9612	48	Marcellus
83	07/22/2025	9583	9433	48	Marcellus
84	07/22/2025	9404	9253	48	Marcellus
85	07/22/2025	9224	9074	48	Marcellus
86	07/22/2025	9045	8894	48	Marcellus
87	07/22/2025	8865	8715	48	Marcellus
88	07/23/2025	8686	8535	48	Marcellus
89	07/23/2025	8507	8356	48	Marcellus
90	07/23/2025	8327	8177	48	Marcellus
91	07/23/2025	8148	7997	48	Marcellus

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92	07/24/2025	7968	7818	48	Marcellus
93	07/24/2025	7789	7668	40	Marcellus
94	07/24/2025	7639	7519	40	Marcellus
95	07/24/2025	7490	7369	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 (bbls)	Amount of Nitrogen/other (units)
1	06/27/2025	63	9168	7114	4322	175844	5609.000	
2	06/28/2025	91	9150	6679	5991	450046	11484.000	
3	06/28/2025	94	9225	6609	6309	449975	9383.000	
4	06/29/2025	89	9108	6074	5331	444183	9504.000	
5	06/29/2025	91	9178	6440	4822	449950	9431.000	
6	06/29/2025	92	9274	6914	6093	450114	9364.000	
7	06/29/2025	91	9201	6792	5149	449924	9436.000	
8	06/30/2025	95	9150	6390	4988	449929	9407.000	
9	06/30/2025	96	9244	6599	5217	449995	9339.000	
10	06/30/2025	96	9235	6226	5106	450038	9555.000	
11	07/01/2025	96	9244	6260	5109	449957	9326.000	
12	07/02/2025	96	9280	6600	5134	450034	9338.000	
13	07/02/2025	95	9322	6688	6027	450066	9304.000	
14	07/02/2025	97	9308	5802	5142	449992	9387.000	
15	07/03/2025	96	9336	6737	5281	452163	9301.000	
16	07/03/2025	94	9174	6601	5255	450003	9335.000	
17	07/03/2025	96	9134	6401	6190	450033	9249.000	
18	07/03/2025	97	9266	6367	5538	450092	9261.000	
19	07/04/2025	99	9134	6368	5072	450054	9159.000	
20	07/04/2025	98	9210	6132	5160	450046	9203.000	
21	07/05/2025	98	9103	5910	4784	450066	9157.000	
22	07/05/2025	98	9232	6538	5422	450137	9241.999	
23	07/06/2025	97	9153	6617	4891	450043	9172.000	
24	07/06/2025	98	9053	5750	4634	450031	9197.000	
25	07/07/2025	99	9232	5825	5125	450111	9176.000	
26	07/07/2025	98	9130	6237	5506	450022	9142.000	
27	07/07/2025	95	9223	6557	4562	450058	9179.000	
28	07/08/2025	95	9045	6944	4845	450089	9156.000	
29	07/08/2025	98	9228	6478	6072	450092	9173.000	
30	07/08/2025	94	9188	6605	4364	449911	9215.000	
31	07/09/2025	99	9099	6382	4617	449955	9118.000	
32	07/09/2025	99	9037	6253	5602	449991	9106.000	
33	07/09/2025	99	9110	6194	4879	449982	9140.000	
34	07/09/2025	100	9040	6455	5215	450045	9060.000	
35	07/10/2025	99	9146	6294	4598	450115	9064.000	
36	07/10/2025	100	8759	6118	5952	450128	9073.000	
37	07/10/2025	100	9031	6290	4835	450097	9103.000	
38	07/10/2025	99	9010	6494	4353	450049	9068.000	
39	07/11/2025	100	8915	6314	5309	450062	9075.000	
40	07/11/2025	100	8907	6064	4581	450032	9067.000	
41	07/11/2025	100	9139	6655	5160	450066	9072.000	
42	07/11/2025	100	9041	5706	4682	450006	9062.000	
43	07/12/2025	100	9022	6502	4729	450062	8999.000	

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44	07/12/2025	100	8917	5920	4530	450120	8990.000
45	07/12/2025	100	8935	5736	4823	450022	9055.000
46	07/13/2025	100	9042	6027	5045	449991	9034.000
47	07/13/2025	100	8947	6094	5764	450121	8982.000
48	07/13/2025	70	8537	6471	5211	450026	10539.000
49	07/14/2025	95	8727	7096	NA	450116	9099.999
50	07/14/2025	98	8631	5478	4750	449772	9075.275
51	07/14/2025	99	8753	4494	5010	449993	9071.000
52	07/15/2025	84	8597	6239	4477	450051	9250.000
53	07/15/2025	100	8424	5559	4764	450151	9038.000
54	07/15/2025	95	8451	7001	6324	450070	8986.000
55	07/16/2025	100	8461	6526	4718	450143	8963.000
56	07/16/2025	100	8439	6952	5101	450166	9008.000
57	07/17/2025	95	8541	6594	4849	450011	9002.000
58	07/17/2025	100	8566	6560	5043	449906	8759.000
59	07/17/2025	101	8472	5793	4759	450160	9020.000
60	07/17/2025	100	8769	6452	6719	450066	8993.000
61	07/18/2025	100	8685	5515	4629	449989	8829.000
62	07/18/2025	100	8236	6312	4332	450118	8809.000
63	07/18/2025	100	8621	5587	4317	450521	8924.000
64	07/18/2025	100	8693	6345	4649	449782	8947.000
65	07/18/2025	100	8800	6348	4956	449904	8820.000
66	07/19/2025	100	8484	6422	4875	449998	8787.000
67	07/19/2025	100	8234	6577	5155	450081	8771.000
68	07/19/2025	100	8440	5869	4959	450125	8867.000
69	07/19/2025	100	8298	6351	5076	450018	8854.000
70	07/19/2025	100	8322	6280	4793	450019	8844.000
71	07/19/2025	100	8423	6197	4496	449960	8786.000
72	07/20/2025	100	8107	6373	4806	449963	8743.000
73	07/20/2025	100	8144	6498	4541	450960	8736.999
74	07/20/2025	100	8259	6576	5062	450052	8796.000
75	07/20/2025	100	8416	6596	4819	449994	8777.000
76	07/20/2025	100	8469	6472	4926	449997	8717.000
77	07/21/2025	100	8216	6308	4959	449951	8707.000
78	07/21/2025	100	8217	6443	4524	449987	8720.001
79	07/21/2025	99	8286	6657	4471	450067	8716.000
80	07/21/2025	100	8058	6194	4634	449949	8747.000
81	07/21/2025	100	7930	6412	5774	450043	8696.000
82	07/22/2025	100	7817	6388	5655	449951	8680.000
83	07/22/2025	100	7890	6167	4667	449986	8680.000
84	07/22/2025	100	7457	6020	4607	450041	9650.000
85	07/22/2025	100	7895	6395	5432	449983	8713.000
86	07/22/2025	100	7780	5697	4560	449976	8665.999
87	07/23/2025	100	7822	5876	4589	449992	8649.000
88	07/23/2025	100	7797	5536	4369	450151	8669.000
89	07/23/2025	100	7622	6162	4713	450079	8719.000
90	07/23/2025	100	8042	5666	4678	449981	8730.000

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91	07/24/2025	100	7963	6375	4652	450100	8719.000
92	07/24/2025	100	7788	5712	4665	449887	8717.563
93	07/24/2025	100	7659	6538	4650	375050	7285.000
94	07/24/2025	100	7768	6599	4636	375000	7303.000
95	07/25/2025	100	7361	6019	4321	375025	7317.000

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Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	05/30/2025
Job End Date:	07/25/2025
State:	West Virginia
County:	Marshall
API Number:	47-051-02158-00-00
Operator Name:	EQT Production
Well Name and Number:	Hines A 1311
Latitude:	39.906338
Longitude:	-80.699234
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	6512
Total Base Water Volume (gal)*:	35832209.09
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	72.66812	None
Sand (Proppant)	EQT	Proppant					
			Silica Substrate	14808-60-7	100.00000	27.20999	None
StimSTREAM FR 9800	ChemStream, Inc.	Friction Reducer					
			ALKANES, C12-26-BRANCHED AND LINEAR	90622-53-0	40.00000	0.01119	None
StimSTREAM FR 9800	ChemStream, Inc.	Friction Reducer					
			ACRYLAMIDE-CHLORIDE SALT OF TRIMETHYLAMMONIO-ETHYLACRYLATE COPOLYMER	69418-26-4	40.00000	0.01119	None
Clearal 268	ChemStream, Inc.	Biocide					

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			Water	7732-18-5	80.00000	0.00737	None
StimSTREAM FR 9800	ChemStream, Inc.	Friction Reducer					
			Water	7732-18-5	15.00000	0.00157	None
Enviro-Syn HCR-7000-WL	Fluid Energy Group Ltd.	Acid					
			FLUID-Acid-00001	Proprietary	20.00000	0.00131	None
Clearal 268	ChemStream, Inc.	Biocide					
			Glutaraldehyde	111-30-8	20.00000	0.00046	None
Enviro-Syn HCR-7000-WL	Fluid Energy Group Ltd.	Acid					
			FLUID-Amine-00001	Proprietary	10.00000	0.00033	None
StimSTREAM FR 9800	ChemStream, Inc.	Friction Reducer					
			ETHOXYLATED ALCOHOLS (C12-16)	68551-12-2	5.00000	0.00017	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					
			Didecyl dimethyl ammonium chloride	7173-51-5	3.00000	0.00001	None
Clearal 268	ChemStream, Inc.	Biocide					
			Quaternary Ammonium Compounds	68424-85-1	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

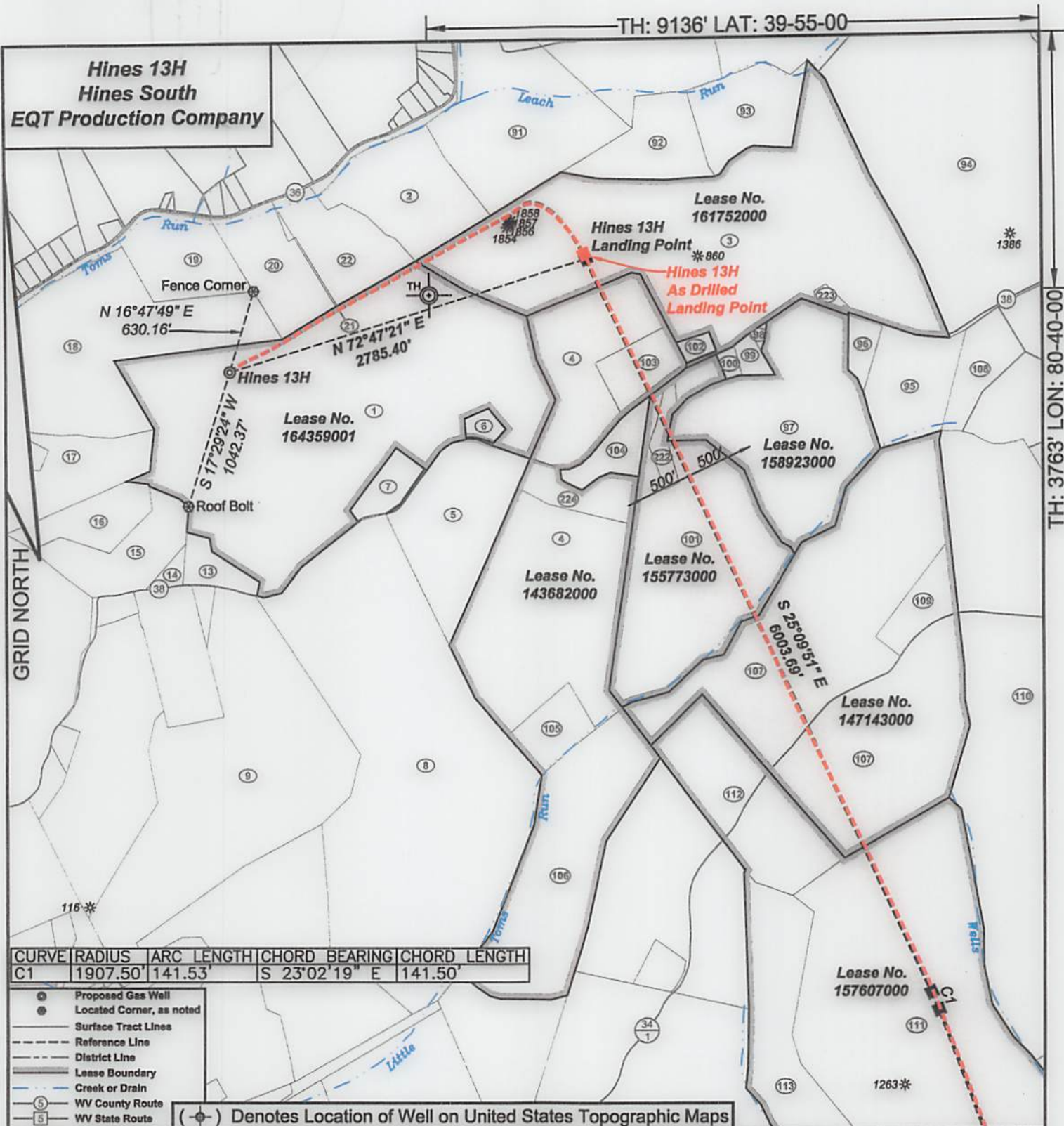
** Information is based on the maximum potential for concentration and thus the total may be over 100%

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)

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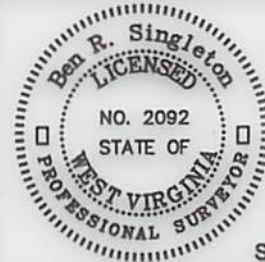
As-Drilled



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: 17-22
DRAWING NO: Hines 13H
SCALE: 1" = 1000'
MINIMUM DEGREE OF ACCURACY: 1:2500
PROVEN SOURCE OF ELEVATION: NGS CORS Station

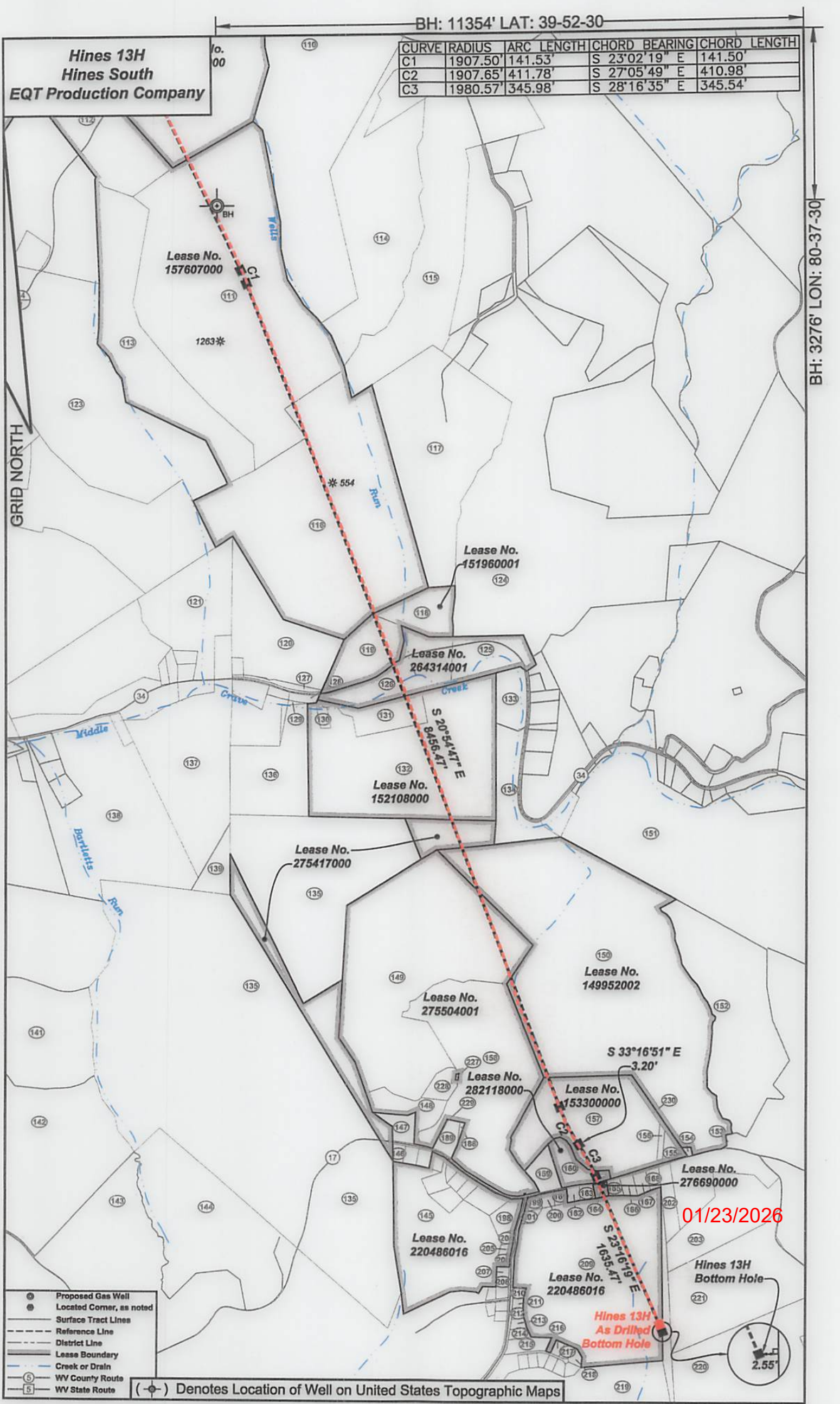
STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: May 07 20 25
OPERATOR'S WELL NO.: Hines 13H
API WELL NO
47 - 051 - 02158
STATE COUNTY PERMIT

WELL TYPE: ☐ OIL ☒ GAS ☐ LIQUID INJECTION ☐ WASTE DISPOSAL
(IF GAS) PRODUCTION: ☐ STORAGE ☐ DEEP ☒ SHALLOW
LOCATION: ELEVATION: 1125' WATERSHED Middle Grave Creek QUADRANGLE: Moundsville
DISTRICT: Washington COUNTY: Marshall
SURFACE OWNER: Shelby Hinterer ACREAGE: 94.658
ROYALTY OWNER: Shelby Hinterer LEASE NO: 164359001 ACREAGE: 156.218
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: 6312'

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

As-Drilled



Hines 13H Hines South EQT Production Company

Tract I.D.	Tax Map No.	Parcel No.	County	District	Surface Tract Owner	Acres
1	12	30	Marshall	Washington	Shelby Wood Hinterer	94.658
2	12	29	Marshall	Washington	Kevin Porter	25
3	11	1	Marshall	Washington	Okey L. Rine, Jr.	87.577
4	12	31	Marshall	Washington	Patricia Sue Hoskins	68.342
5	12	30.7	Marshall	Washington	Usa K. Darrow	20.276
6	12	30.3	Marshall	Washington	Terry L. Darrow, et ux.	1.135
7	12	30.2	Marshall	Washington	EDT Aurora LLC	3.2
8	12	32	Marshall	Washington	Douglas Edward Gouldsberry, et ux.	95.45
9	12	33	Marshall	Washington	Henry T. Parsons Est, et al.	63.197
13	12	30.4	Marshall	Washington	EDT Aurora LLC	3.159
14	12	30.6	Marshall	Washington	EDT Aurora LLC	1
15	12	30.1	Marshall	Washington	Morgan Laceyfield	9.738
16	12	30.5	Marshall	Washington	Morgan T. Laceyfield	6.836
17	12	66	Marshall	Washington	Arnie N. Goodnight, et ux.	15.07
18	12	25	Marshall	Washington	Arnie N. Goodnight, et ux.	39
19	12	26	Marshall	Washington	State of West Virginia	9.18
20	12	27	Marshall	Washington	Edward David Knuth, et ux.	9.58
21	12	28.1	Marshall	Washington	Edward David Knuth, et ux.	0.17
22	12	28	Marshall	Washington	Tobias G. & Jessica D. Brown	9.58
91	9	36	Marshall	Washington	Beth A. & Robert G. Thomas	24.846
92	9	35	Marshall	Washington	Beth A. & Robert G. Thomas	11.5
93	9	34	Marshall	Washington	Beth A. & Robert G. Thomas	12.54
94	10	6	Marshall	Washington	James S. Burt, et al.	74.349
95	11	3.1	Marshall	Washington	Roger Dalbert Brady	8.955
96	11	3.3	Marshall	Washington	Edward R. & Jana L. Richards	2.033
97	11	2	Marshall	Washington	Francis D. Turner, et ux.	34.685
98	11	2.1	Marshall	Washington	Francis D. Turner, et ux.	0.358
99	11	16.1	Marshall	Washington	Carl A. Cochran, et ux.	1.197
100	11	16.2	Marshall	Washington	Jody L. & Eric M. Wade	0.643
101	11	16	Marshall	Washington	Paul E. & Brent L. Shipley	40.726
102	11	1.2	Marshall	Washington	Robert Shilling, et al.	0.894
103	12	31.4	Marshall	Washington	Charles E. & Katie A. Hoskins	5
104	12	31.1	Marshall	Washington	Howard L. & Sylvia L. Henry	4.158
105	12	31.2	Marshall	Washington	Christopher Brice Hoskins	5
106	13	4	Marshall	Washington	Patricia Sue Hoskins	30
107	11	14	Marshall	Washington	Country Roads Properties LLC	84.543
108	11	6.1	Marshall	Washington	James S. Burt, et al.	6.44
109	11	14.1	Marshall	Washington	Benor Garbark	5.017
110	11	13	Marshall	Washington	Colleen L. McGain	86.78
111	13	8	Marshall	Washington	James J. Caveney, et ux.	88.157
112	11	15	Marshall	Washington	James J. Caveney, et ux.	19.775
113	13	7	Marshall	Washington	James J. Caveney, et ux.	32.86
114	11	11	Marshall	Washington	Usa Fonner & Jesse Pennington	51.655
115	11	11.3	Marshall	Washington	Dennis W. & Donna Crow	39.64
116	13	10	Marshall	Washington	James J. Caveney, et ux.	75
117	13	11	Marshall	Washington	Dennis W. & Donna Crow	37.694
118	13	11.1	Marshall	Washington	Ohio County Coal Resources Inc.	5.556
119	13	58	Marshall	Washington	Consolidation Coal Company	7.732
120	13	50	Marshall	Washington	Dalton Coulter, et al.	17.373
121	13	15	Marshall	Washington	R. M. Coffield Family Trust	18.631
122	13	21	Marshall	Washington	Richard E. Vargo, et al.	30.4
123	13	6	Marshall	Washington	Todd & Dawn R. Kettler	57.125
124	13	13	Marshall	Washington	David L. Beveridge	71.259
125	13	59	Marshall	Washington	Zachary A. & Amber L. Sauriol	6.4566
126	13	57	Marshall	Washington	Larry D. Kidd, et al.	9.9014
127	13	51	Marshall	Washington	Dalton Coulter, et al.	0.9054
128	13	55	Marshall	Washington	Donald G. & Erin S. Rogerson	0.2653
129	13	54	Marshall	Washington	Donald G. & Erin S. Rogerson	0.108
130	1	6.1	Marshall	Cameron	Donald G. & Erin S. Rogerson	0.459
131	1	6.2	Marshall	Cameron	Donald G. Rogerson, Sr.	5
132	1	6	Marshall	Cameron	Donald G. & Erin S. Rogerson	48.631
133	1	14.1	Marshall	Cameron	Kenneth R. & Lori J. Cook	4.182
134	13	64	Marshall	Washington	Dennis W. Mager, et ux.	15.707
135	1	7	Marshall	Cameron	Richard P. Forshey	210.86
136	1	4	Marshall	Cameron	Donald G. & Erin S. Rogerson	19.267
137	1	2	Marshall	Cameron	Larry D. Kidd, et al.	25.67
138	1	1	Marshall	Cameron	Thelma Gouldsberry Est	36.692
139	1	3	Marshall	Cameron	Richard P. Forshey	2.5
140	9	4	Marshall	Gay	Williams Ohio Valley Midstream, LLC	65.7
141	9	5	Marshall	Gay	Ronald A. Hill	91.775
142	9	19	Marshall	Gay	Maxine E. Fletcher	88
143	9	20	Marshall	Gay	Clyde D. & Tracey R. Shriner	154.49
144	11	1.1	Marshall	Cameron	Shari L. & Walter L. Brautigam	30.24
145	11	9.3	Marshall	Cameron	Mark Steven Gasgow	22.38
146	11B	1	Marshall	Cameron	Lonnie R. Kiger, et ux.	0.43
147	1	9	Marshall	Cameron	Alfred L. & Belinda F. Burns	2
148	1	9.5	Marshall	Cameron	Howard M. & Katelynn M. Davidson	3.4953
149	1	9.1	Marshall	Cameron	Mark T. & Ricklyn Roberts	58.133
150	1	13	Marshall	Cameron	EDT Aurora LLC	101.16
151	1	18	Marshall	Cameron	Pamela & Randy Suarez Living Trust	91
152	1	13.2	Marshall	Cameron	Daniel Lee Dobbs	54.036
153	1A	1	Marshall	Cameron	Hester P. Ribidue	0.471
154	1	11.3	Marshall	Cameron	EDT Aurora LLC	0.427
155	1	12	Marshall	Cameron	Garry R. Thomas	0.786
156	1	11.1	Marshall	Cameron	Garry R. Thomas	0.415
157	1	11	Marshall	Cameron	Garry R. Thomas	23.523
158	1	9.6	Marshall	Cameron	Mark T. & Ricklyn Roberts	35.73
159	1	10	Marshall	Cameron	Mark A. & Bridget M. Albert	2.041
160	1	11.5	Marshall	Cameron	Lee M. & Paul E. Simmons	3.106
161	11B	13	Marshall	Cameron	Michael S. Corley	0.39
162	11B	14	Marshall	Cameron	James M. Thomas, et ux.	0.391
163	11B	15	Marshall	Cameron	Patricia A. Littleton	0.431
164	11B	16	Marshall	Cameron	Frank M. Gayda, et ux.	0.404
165	11B	17	Marshall	Cameron	Joyce M. & Marvin K. Townsend	0.479
166	11B	18	Marshall	Cameron	Deborah L. Rush	0.559
167	11B	19	Marshall	Cameron	Harry S. & Rilyn S. Aston	0.594
168	11B	20	Marshall	Cameron	Harry S. & Rilyn S. Aston	0.505
168	1	9.4	Marshall	Cameron	Garry L. Chambers	0.1275
169	1	9.2	Marshall	Cameron	Garry L. Chambers	1.3887
169	11B	8	Marshall	Cameron	Michael Shaun Woods, et al.	1.705
199	11B	11	Marshall	Cameron	Stephen M. Fye, et ux.	0.485
200	11B	12	Marshall	Cameron	William E. Nica, et ux.	0.383
201	11B	10	Marshall	Cameron	Michael S. Woods	0.488
202	11	10	Marshall	Cameron	Harry S. & Rilyn S. Aston	2.0899
203	11	11.1	Marshall	Cameron	Ronald B. Oneil	11.851
204	11B	9	Marshall	Cameron	George Martin	0.409
205	11A	38	Marshall	Cameron	Dalton A. & Kala R. Smith	Lot 1
206	11A	39	Marshall	Cameron	Ralph Morris, et ux.	Lot 2
207	11A	40	Marshall	Cameron	Seven L. Glasgow	Lot 3
208	11A	41	Marshall	Cameron	Raul Z. Alonzo	Lot 4
209	11	9.2	Marshall	Cameron	Harry S. & Rilyn S. Aston	46.751
210	11A	13	Marshall	Cameron	Shed D. Wilhelm	0.242
211	11A	14	Marshall	Cameron	Roginia Young	0.243

Well References



As-Drilled Well Information:

Hines 13H coordinates are
 NAD 27 N: 514,444.24 E: 1,663,522.51
 NAD 83 UTM N: 4,417,405.08 E: 525,708.36
 Hines 13H Landing Point coordinates are
 NAD 27 N: 515,303.76 E: 1,666,171.06
 NAD 83 UTM N: 4,417,462.48 E: 526,494.74
 Hines 13H Bottom Hole coordinates are
 NAD 27 N: 499,700.10 E: 1,672,783.73
 NAD 83 UTM N: 4,412,742.10 E: 528,588.98
 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.

Hines South

Hines 1H	⊙	⊙Hines 14H
Hines 2H	⊙	⊙Hines 13H
Hines 3H	⊙	⊙Hines 12H
Hines 4H	⊙	Hines 11H
Hines 5H	⊙	⊙Hines 18H
Hines 6H	⊙	Hines 10H
Hines 7H	⊙	⊙Hines 19H
	⊙	⊙Hines 20H
	⊙	⊙Hines 21H

Lease No.	Owner	Acres
164359001	Shelby Hinterer	156.218
161752000	Okey L. Rine, Jr.	87.577
143682000	Patricia Sue Hoskins	115.515
155773000	Paul E. Shipley, et al.	42.937
158923000	Turner Family Trust, dated February 28, 2019	34.68
147143000	Country Roads Properties, LLC	89.56
157607000	James J. Caveney and Karen B. Caveney, et al.	215.792
151960001	CNX Gas Company LLC	32.758
264314001	Robert L. Byrd, et al.	16.528
152108000	Erin S. Rogerson, et al.	54.09
275417000	Richard P. Forshey	26.665
149952002	EDT Aurora LLC	101.163
275504001	Samuel J. Heater, et al.	98.23160
153300000	Patricia A. Thomas, et al.	25.6144
282118000	Lea Marie Simmons and Paul Edward Simmons	3.1
276690000	Grace A. Gayda, et al.	0.4040
220486016	Constance L. Owen, et al.	134

Tract I.D.	Tax Map No.	Parcel No.	County	District	Surface Tract Owner	Acres
212	11A	15	Marshall	Cameron	Rby & Carla L. Wells	0.262
213	11A	16	Marshall	Cameron	Beryl & Teresa Morgan	0.32
214	11A	17	Marshall	Cameron	Virgil R. Carroll Est	0.431
215	11A	73	Marshall	Cameron	Virgil R. Carroll Est	1.278
216	11A	37	Marshall	Cameron	Indya K. & Brannan M. Gegg	0.289
217	11A	36	Marshall	Cameron	Emily & Tanagra McCarthy	Lot 31
218	11A	35	Marshall	Cameron	George Martin, et ux.	Lot 30
219	11	9.1	Marshall	Cameron	James T. Kearns	22.484
220	11	14	Marshall	Cameron	John Bungard, Jr.	36.904
221	11	11	Marshall	Cameron	Harry S. & Rilyn S. Aston	23.72
222	11	16.3	Marshall	Washington	Brent Shipley	2.211
223	11	1.1	Marshall	Washington	Seven M. Lavenski	0.489
224	12	31.3	Marshall	Washington	Patricia S. Hoskins	5
227	1	9.8	Marshall	Cameron	Mark T. & Ricklyn Roberts	0.0346
228	1	9.7	Marshall	Cameron	Thomas & Marilyn Roberts Irrevocable Trust	1.47
229	1	9.3	Marshall	Cameron	Garry L. Chambers	0.0558
230	1	11.4	Marshall	Cameron	Garry R. Thomas	0.82

01/23/2026

Hines 13H

Scale 1" = 2000'