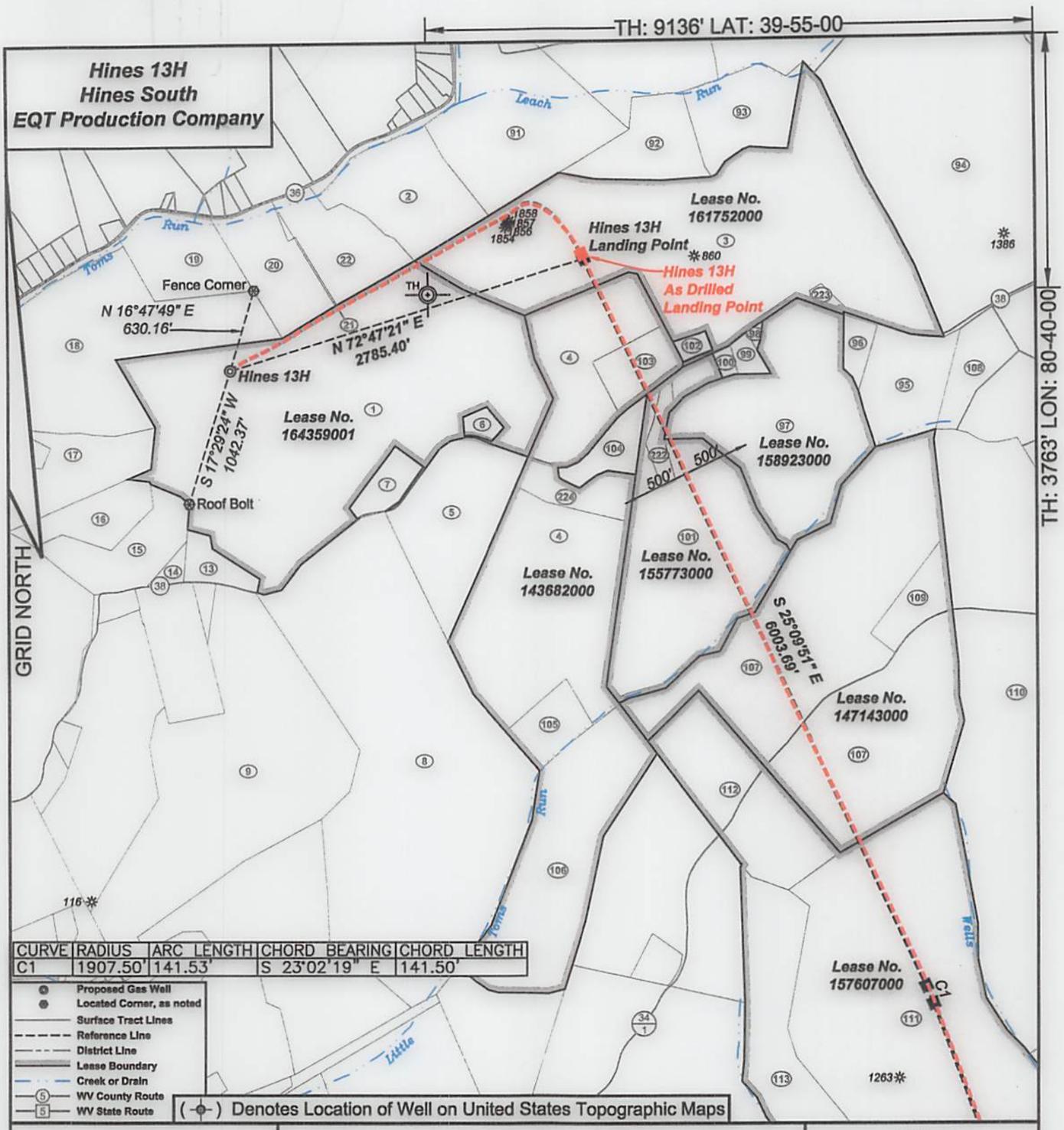
As-Drilled



ALLEGHENY SURVEYS, INC.

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

Ben R. Singleton LICENSED NO. 2092 STATE OF WEST VIRGINIA PROFESSIONAL SURVEYOR

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

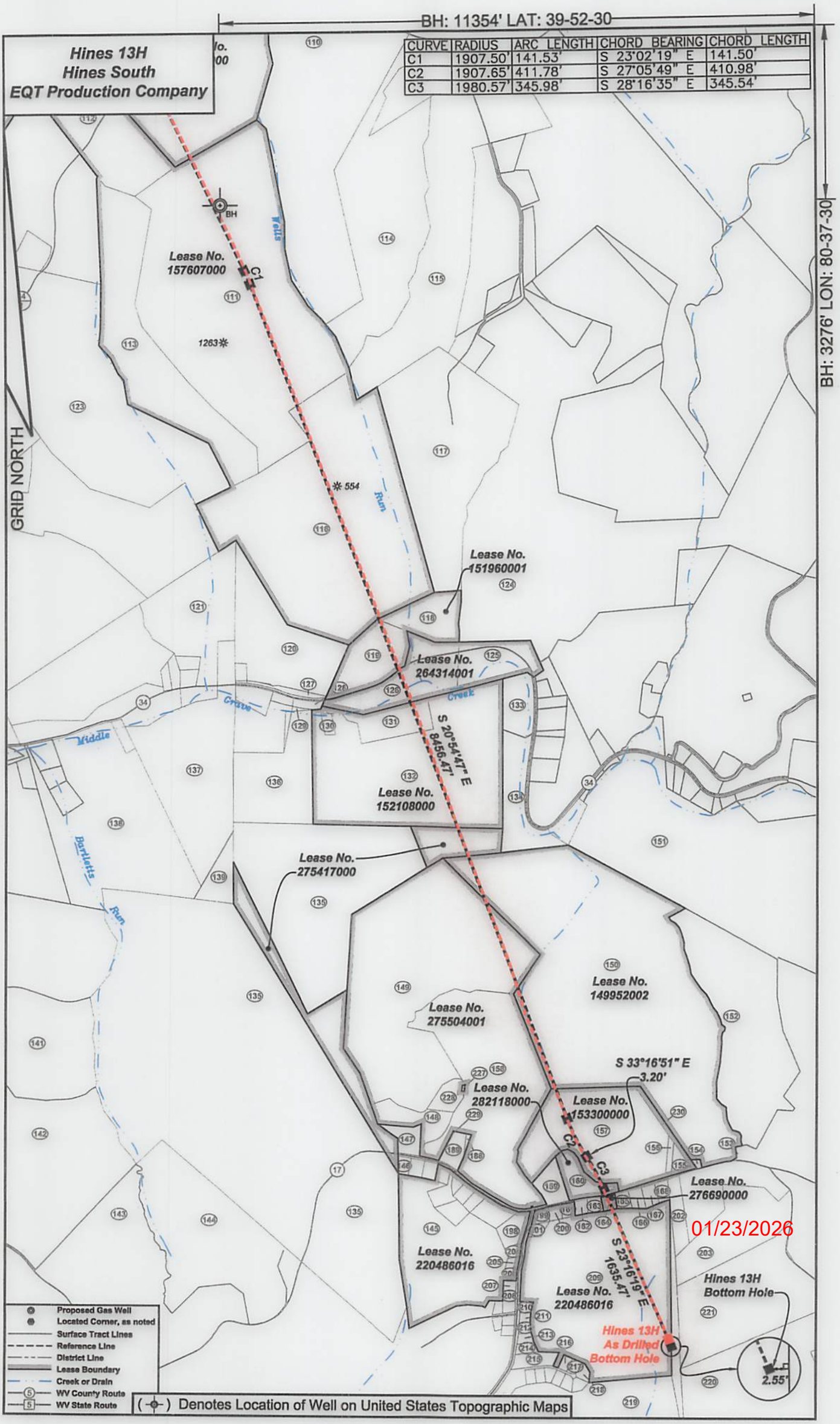
DATE: May 07 20 25
OPERATOR'S WELL NO.: Hines 13H
API WELL NO
47 - 051 - 02158
STATE COUNTY PERMIT

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 01/23/2026
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
ADDRESS: 400 Woodcliff Drive
Canonsburg, PA 15317

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

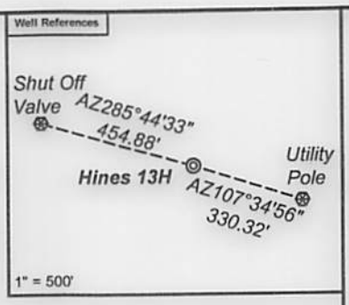
As-Drilled


BH: 11354' LAT: 39-52-30
BH: 3276' LON: 80-37-30
Hines 13H
Hines South
EQT Production Company
CURVE | RADIUS | ARC LENGTH | CHORD BEARING | CHORD LENGTH
C1 | 1907.50' | 141.53' | S 23°02'19" E | 141.50'
C2 | 1907.65' | 411.78' | S 27°05'49" E | 410.98'
C3 | 1980.57' | 345.98' | S 28°16'35" E | 345.54'
GRID NORTH
BH
Lease No. 157607000
Lease No. 151960001
Lease No. 264314001
Lease No. 152108000
Lease No. 275417000
Lease No. 275504001
Lease No. 149952002
Lease No. 282118000
Lease No. 153300000
Lease No. 276690000
Lease No. 220486016
Lease No. 220486016
S 20°54'47" E 8456.47'
S 33°16'51" E 3.20'
S 23°16'19" E 1635.47'
Hines 13H As Drilled Bottom Hole
Hines 13H Bottom Hole
2.55'
01/23/2026
Proposed Gas Well
Located Corner, as noted
Surface Tract Lines
Reference Line
District Line
Lease Boundary
Creek or Drain
WV County Route
WV State Route
(-⊕-) Denotes Location of Well on United States Topographic Maps

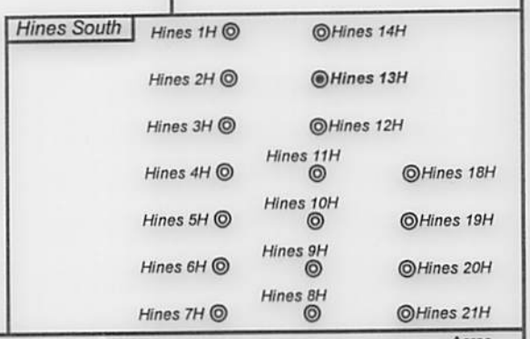
As-Drilled

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	Lisa K. Derrow	20.276
6	12	30.3	Marshall	Washington	Terry L. Derrow, et ux.	1.135
7	12	30.2	Marshall	Washington	EQT 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	EQT Aurora LLC	3.159
14	12	30.6	Marshall	Washington	EQT Aurora LLC	1
15	12	30.1	Marshall	Washington	Morgan Lacefield	9.738
16	12	30.5	Marshall	Washington	Morgan T. Lacefield	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 Sburt, et al.	74.349
95	11	3.1	Marshall	Washington	Roger Delbert Brady	8.995
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 Sburt, et al.	6.44
109	11	14.1	Marshall	Washington	Elenor Garbark	5.017
110	11	13	Marshall	Washington	Colleen L. McClain	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	Lisa 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	Clay	Williams Ohio Valley Midstream, LLC	65.7
141	9	5	Marshall	Clay	Ronald A. Hill	91.775
142	9	19	Marshall	Clay	Maxine E. Fletcher	88
143	9	20	Marshall	Clay	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 Glasgow	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	EQT 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. Rebidue	0.471
154	1	11.3	Marshall	Cameron	EQT Aurora LLC	0.427
155	1	12	Marshall	Cameron	Garry R. Thomas	0.766
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	Lea 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.	0.381
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. & Rcilyn S. Aston	0.594
168	11B	20	Marshall	Cameron	Harry S. & Rcilyn S. Aston	0.505
188	1	9.4	Marshall	Cameron	Gary L. Chambers	0.1275
189	1	9.2	Marshall	Cameron	Gary L. Chambers	1.3887
198	11B	8	Marshall	Cameron	Michael Shaun Woods, et al.	1.705
199	11B	11	Marshall	Cameron	Stephen M. Fye, et ux.	0.495
200	11B	12	Marshall	Cameron	William E. Nice, et ux.	0.383
201	11B	10	Marshall	Cameron	Michael S. Woods	0.468
202	11	10	Marshall	Cameron	Harry S. & Rcilyn S. Aston	2.0999
203	11	11.1	Marshall	Cameron	Ronald B. O'neil	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	Steven L. Glasgow	Lot 3
208	11A	41	Marshall	Cameron	Raul Z. Alonzo	Lot 4
209	11	9.2	Marshall	Cameron	Harry S. & Rcilyn S. Aston	46.751
210	11A	13	Marshall	Cameron	Snead D. Wilhelm	0.242
211	11A	14	Marshall	Cameron	Regenia Young	0.243

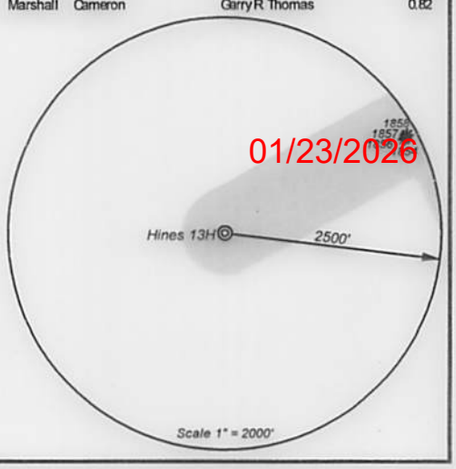


As-Drilled Well Information:
Hines 13H coordinates are
NAD 27 N: 514,444.24 E: 1,663,522.51
NAD 83 UTM N: 4,417,405.08 E: 525,708.36
Hines 13H Landing Point coordinates are
NAD 27 N: 515,303.76 E: 1,666,171.06
NAD 83 UTM N: 4,417,462.48 E: 526,494.74
Hines 13H Bottom Hole coordinates are
NAD 27 N: 499,700.10 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.



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	EQT 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	Roy & Carla L. Wills	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. Clegg	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. & Rcilyn S. Aston	23.72
222	11	16.3	Marshall	Washington	Brent Shipley	2.211
223	11	1.1	Marshall	Washington	Steven 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	Gary L. Chambers	0.0558
230	1	11.4	Marshall	Cameron	Garry R. Thomas	0.82



01/23/2026