



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street, S.E.
Charleston, WV 25304
(304) 926-0450
fax: (304) 926-0452

Harold D. Ward, Cabinet Secretary
www.dep.wv.gov

Friday, January 16, 2026
PERMIT MODIFICATION APPROVAL
Horizontal 6A / New Drill

EQT PRODUCTION COMPANY
2200 ENERGY DRIVE

CANONSBURG , PA 15317

Re: Permit Modification Approval for Energy Cynic 10H
47-103-03752-00-00

Lateral Extension

EQT PRODUCTION COMPANY

The Office of Oil and Gas has reviewed the attached permit modification for the above referenced permit. The attached modification has been approved and well work may begin. Please be reminded that the oil and gas inspector is to be notified twenty-four (24) hours before permitted well work is commenced.

If there are any questions, please feel free to contact me at (304) 926- 0450.

A handwritten signature in black ink, reading "H. Jason Harmon".

H. Jason Harmon
Acting Chief

Operator's Well Number: Energy Cynic 10H
Farm Name: Ruth Koontz (LE) & Michael Koontz (Remainderman)
U.S. WELL NUMBER: 47-103-03752-00-00
Horizontal 6A New Drill
Date Modification Issued: 1/16/2026

Promoting a healthy environment.

01/23/2026

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

1) Well Operator: EQT Production Company 306686 Wetzel Clay Littleton
Operator ID County District Quadrangle

2) Operator's Well Number: 10H Well Pad Name: Energy Cynic

3) Farm Name/Surface Owner: Ruth Koontz & Michael Koontz Public Road Access: CR 9/2 (Robinson Ridge Road)
Life Estate Remainderman

4) Elevation, current ground: 1,368' (built) Elevation, proposed post-construction: 1,368' (built)

5) Well Type (a) Gas X Oil _____ Underground Storage _____

Other _____

(b) If Gas Shallow X Deep _____

Horizontal X

6) Existing Pad: Yes or No Yes

7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Expected Pressure(s):
Marcellus, 7,576', 50', 2,620 psi

8) Proposed Total Vertical Depth: 7,576'

9) Formation at Total Vertical Depth: Marcellus

10) Proposed Total Measured Depth: 25,242'

11) Proposed Horizontal Leg Length: 17,270'

12) Approximate Fresh Water Strata Depths: No Freshwater Zones listed

13) Method to Determine Fresh Water Depths: Offset wells - 103-02265, 103-01822, 103-31026, 103-00344

14) Approximate Saltwater Depths: 2002, 2122

15) Approximate Coal Seam Depths: 880'-884', 1,098'-1,102', 1,206'-1,212'

16) Approximate Depth to Possible Void (coal mine, karst, other): N/A

17) Does Proposed well location contain coal seams directly overlying or adjacent to an active mine? Yes _____ No X

(a) If Yes, provide Mine Info: Name: _____
Depth: _____
Seam: _____
Owner: _____

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*Ch #609957
250000*

WW-6B
(04/15)

API NO. 47- 103 - 03752
OPERATOR WELL NO. 10H
Well Pad Name: Energy Cynic

18)

CASING AND TUBING PROGRAM

TYPE	Size (in)	New or Used	Grade	Weight per ft. (lb/ft)	FOOTAGE: For Drilling (ft)	INTERVALS: Left in Well (ft)	CEMENT: Fill-up (Cu. Ft.)/CTS
Conductor	26	New	A252	85.6	53	53	45 ft^3 / CTS
Fresh Water	13 3/8	New	J-55	54.5	1261	1261	1125 ft^3 / CTS
Coal							
Intermediate	9 5/8	New	J-55	36	2689	2689	1025 ft^3 / CTS
Production	5 1/2	New	P-110	20	25242	25242	500' above intermediate casing
Tubing							
Liners							

TYPE	Size (in)	Wellbore Diameter (in)	Wall Thickness (in)	Burst Pressure (psi)	Anticipated Max. Internal Pressure (psi)	Cement Type	Cement Yield (cu. ft./k)
Conductor	26	30	0.312	1000	18	Class A/L	1.04 - 1.20
Fresh Water	13 3/8	17 1/2	0.380	2730	2184	Class A/L	1.04 - 1.20
Coal							
Intermediate	9 5/8	12 3/8 - 12 1/4	0.352	3520	2816	Class A/H/L	1.04 - 1.20
Production	5 1/2	8 3/4 - 8 1/2	0.361	14360	11488	Class A/H/L	1.04 - 2.10
Tubing							
Liners							

PACKERS

Kind:				RECEIVED Office of Oil and Gas
Sizes:				DEC 19 2025
Depths Set:				DEC 19 2025

19) Describe proposed well work, including the drilling and plugging back of any pilot hole:

Drill and complete a new horizontal well in the Marcellus Formation. Drill the vertical, kick off and drill curve. Drill the lateral in the Marcellus. Cement casing.

20) Describe fracturing/stimulating methods in detail, including anticipated max pressure and max rate:

Hydraulic fracturing is completed in accordance with state regulations using water recycled from previously fractured wells and obtained from freshwater sources. This water is mixed with sand and a small percentage (less than 0.1%) of chemicals (including 15% Hydrochloric acid, friction reducer, biocide, and scale inhibitor), referred to in the industry as a "slickwater" completion. Maximum anticipated internal casing pressure is expected to be approximately 10,000 psi, maximum anticipated treating rates are expected to average approximately 100 bpm. Stage lengths vary from 150 to 300 feet. Average approximately 350,000 gallons of water per stage. Sand sizes vary from 100 mesh to 20/40 mesh. Average approximately 200,000-600,000 pounds of proppant per stage.

21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 27.73 acres

22) Area to be disturbed for well pad only, less access road (acres): 15.44 acres

23) Describe centralizer placement for each casing string:

- Surface: Bow spring centralizers – One centralizer at the shoe and one spaced every 500'.
- Intermediate: Bow spring centralizers– One centralizer at the shoe and one spaced every 500'.
- Production: One solid body centralizer spaced every other joint from production casing shoe to landing point. One solid body centralizer spaced every joint from landing point to planned top of cement.

24) Describe all cement additives associated with each cement type:

Conductor: No additives
Surface: Calcium Chloride. Used to speed the setting of cement slurries
Intermediate: Calcium Chloride. Used to speed the setting of cement slurries.
Production: Calcium Carbonate, Fluid Loss, Extender, Dispersent, Viscosifier, Defoamer, POZ, Bonding Agent, Retarder, Anti-Settling/Suspension Agent

25) Proposed borehole conditioning procedures:

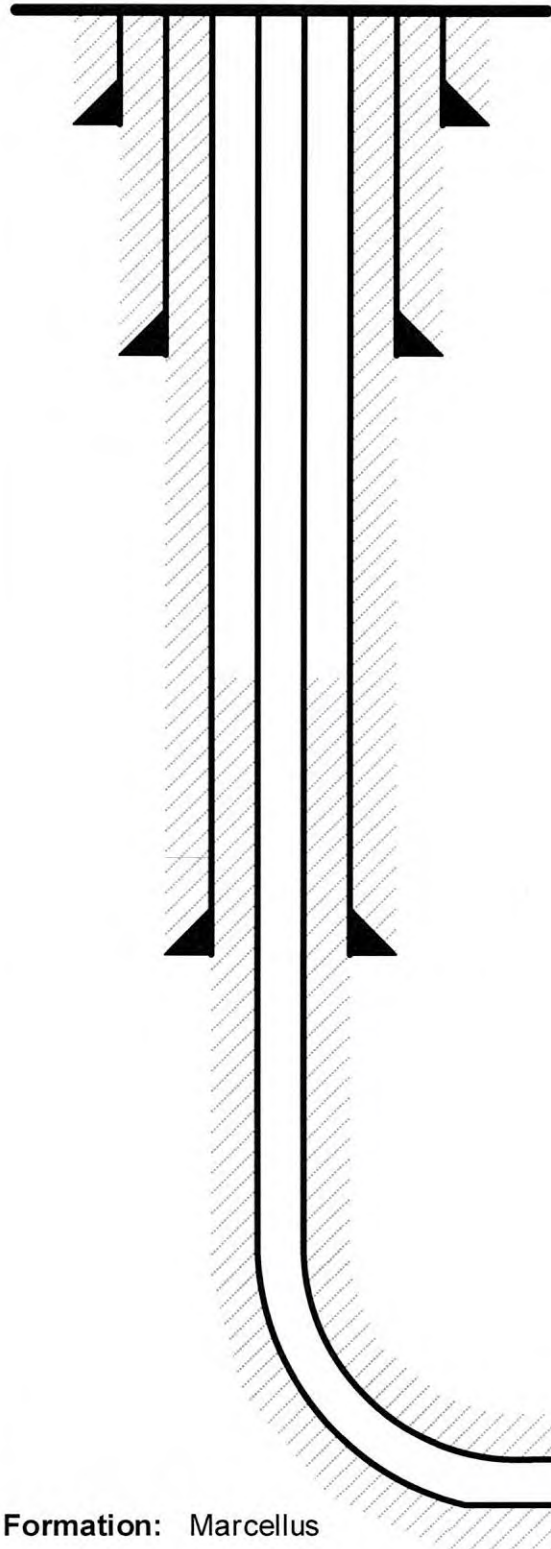
Surface: Circulate hole clean while rotating & reciprocating the drill string until cuttings diminish at surface.
Intermediate: Circulate hole clean while rotating & reciprocating the drill string until cuttings diminish at surface.
Production: Perform a cleanup cycle by pumping 3-8 bottoms up or until the shakers are clean. Check volume of cuttings coming across the shakers every 15 minutes.

*Note: Attach additional sheets as needed.

EQT Production**Wellbore Diagram**

Well: Energy Cynic 10H
Pad: Energy Cynic
Elevation: 1368' GL 1381' KB

County: Wetzel
State: West Virginia



Conductor @ 53'

26", 85.6#, A252, cement to surface w/ Class A/L

Surface @ 1,261'

13-3/8", 54.5#, J-55, cement to surface w/ Class A/L

Intermediate @ 2,689'

9-5/8", 36#, J-55, cement to surface w/ Class A/H/L

Production @ 25,242' MD / 7,576' TVD

5-1/2", 20#, P-110, cement to 500' inside 9-5/8" w/ Class A/H/L

Formation: Marcellus

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Stephen
Mccoy

Digitally signed by
Stephen Mccoy
Date: 2025.12.17 08:43:01
+05'00'

NOT TO SCALE
01/23/2026

WEST VIRGINIA GEOLOGICAL PROGNOSIS

Energy Cynic

Drilling Objectives:

County:

Quad:

Elevation:

Recommended Azimuth

Marcellus

Wetzel

Littleton

1381 KB

156 Degrees

S-001221

1368 GL

ESTIMATED FORMATION TOPS

Formation	Top (TVD)	Base (TVD)	Lithology	Comments
Fresh Water Zone	1	278		FW Show from Permit App of 4710302265
Waynesburg	879	883 Coal	Not Mined	
Sewickley	1097	1101 Coal	Not Mined	
Pittsburgh	1205	1211 Coal	Not Mined	
Big Lime	2361	2477 Limestone		SW @ 2001,2121,,
Big Injun	2503	2639 Sandstone		
Int. csg pt	2689			
Weir	2756	5120 Sandstone		Not near storage
Gantz	3086	3454 Silty Sand		
Bayard	3454	3964 Silty Sand		
Speechley	3874	4040 Silty Sand		Base of Offset Well Production at 3318' TVD
Alexander	5915	6373 Silty Sand		
Elks	6373	7107 Gray Shales and Silts		
Sonyea	7107	7280 Gray shale		
Middlesex	7280	7320 Shale		
Genesee	7320	7399 Gray shale interbedded		
Genesee	7399	7423 Black Shale		
Tully	7423	7446 Limestone		
Hamilton	7446	7552 Gray shale with some		
Marcellus	7552	7601 Black Shale		
Purcell	7569	7571 Limestone		
-Lateral Zone	7576			MRC Target
Cherry Valley	7583	7585 Limestone		
Onondaga	7601	Limestone		

Top RR

Base RR

No Red Rock Listed in Offsets

Base of Red Rock

Target Thickness	50 feet
Max Anticipated Rock Pressure	2620 PSI

Comments:

All measurements taken from estimated KB elevation.

Intermediate casing point is recommended beneath the Big Injun to shut off any water production from the Upper Devonian sands. Intermediate casing should be cemented into the surface string, per WV regulations.

RECOMMENDED CASING POINTS

	CSG OD	13 3/8	Casing Depth KB	Casing Depth GLE	
Fresh Water/Coal	CSG OD	13 3/8	1261	1248	50' below Pittsburgh Coal
Intermediate 1:	CSG OD	9 5/8	2689	2676	50' below Big Injun Base
Production:	CSG OD	5 1/2	@ TD	@ TD	@ TD

EQT Production
Hydraulic Fracturing Monitoring Plan
Pad ID: Energy Cynic
County: Wetzel

December 17, 2025

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DEC 19 2025

Page 1 of 2

01/23/2026

Purpose

The purpose of this pad-specific Hydraulic Fracturing Monitoring Plan is to identify and notify conventional well operators near EQT hydraulic fracturing in Wetzel County, WV prior to hydraulic fracturing at the following EQT wells on the Energy Cynic pad: 2H, 4H, 6H, 8H, 10H, 12H, 14H & 16H.

Due to the requirements under 35CSR8 5.11, the permittee is required to review the area surrounding the proposed well pad so as to identify and evaluate potential conduits for unintended fracture propagation.

A report is required to be submitted along with a well work permit application.

The plan is being implemented as an additional safety measure to be utilized in conjunction with existing best management practices and emergency action plans for the site. These additional measures include coordination with well operators of the timing and location of the hydraulic fracturing, establishment of measures well operators should implement, and assurance that the OOG is notified of the timeline, as well as any issues that may arise during fracturing.

1. Communications with Well Operators

EQT, using available data (WV Geological Survey, WVDEP website, and IHS data service), has identified all known wells and well operators within 500 feet of this pad and the lateral sections that are known or could reasonably be expected to be within range of the fracture propagation. A map showing these wells along with a list of the wells and operators is included in **Attachment A**.

EQT will notify these operators of the hydraulic fracturing schedule for these wells, and coordinate with them throughout the fracturing process.

EQT will recommend to these operators at a minimum to:

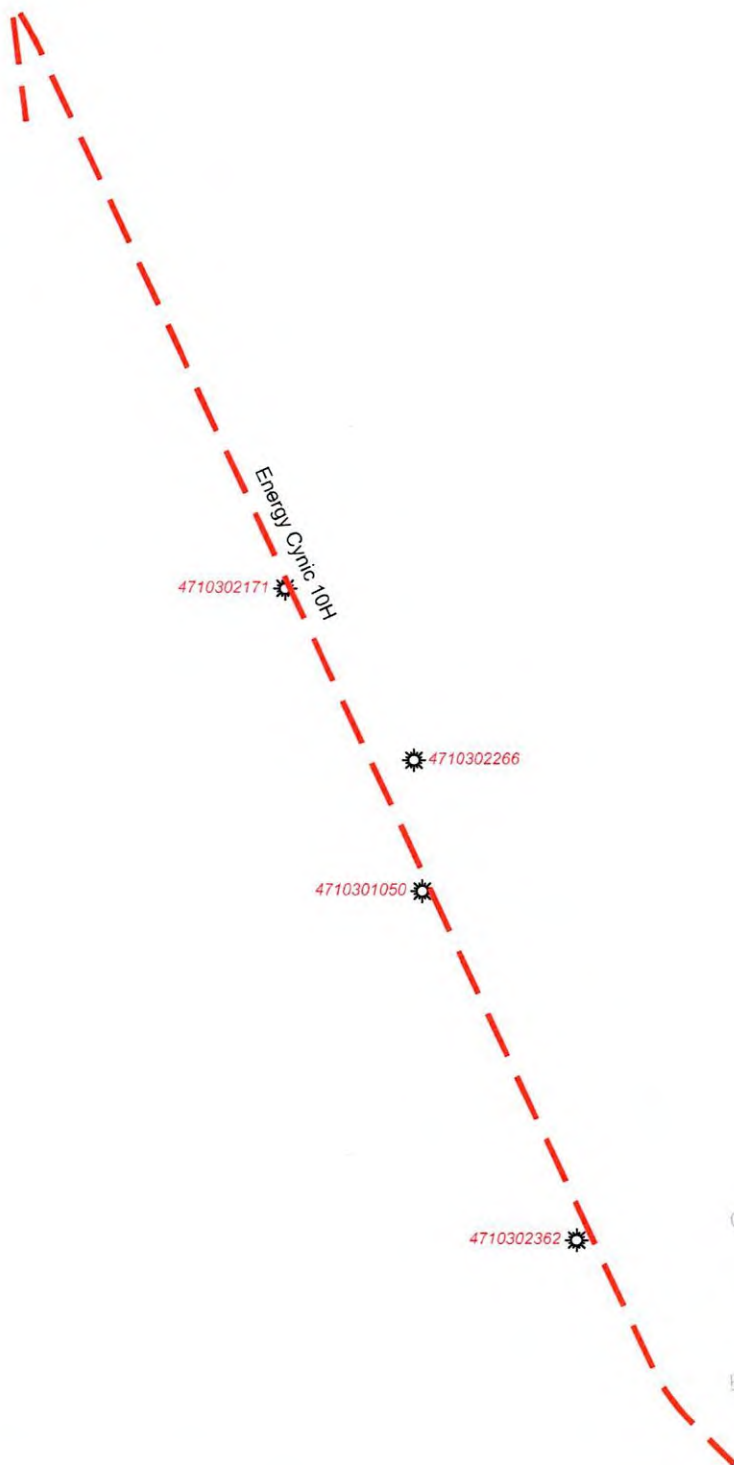
1. Inspect their surface equipment prior to fracturing to establish integrity and establish pre-frac well conditions
2. Observe wells closely during and after fracturing and monitor for abnormal increases in water, gas or pressure
3. Inspect or install master valves or other necessary equipment for wellhead integrity capable of a pressure recommended by EQT
4. Notify the OOG and EQT if any changes in water, gas production, pressure, or other anomalies are identified

2. Reporting

EQT will provide information relating to the hydraulic fracturing schedule, communication with other operators, and ongoing monitoring of the work upon request of OOG or immediately in the event of any noted abnormalities.

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DEC 19 2025 Page 2 of 2
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Environmental Protection

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EQT Corporation
625 Liberty Avenue
Pittsburgh, PA 15222

Energy Cynic

Vertical Offsets and
Foreign Laterals
within 500 Feet

Legend

Well Lateral_FM

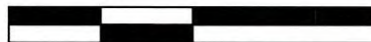
Formation

- Geneseo
- Marcellus
- Utica



Energy Cynic_Offset_Wells

2000 1000 0 2000



Scale: 1 Inch = 2000 Feet

Disclaimer:

This map is confidential and is to be used only for the express informational purposes for which it was created. Unauthorized use, copying, or dissemination is strictly prohibited. EQT does not warrant the accuracy of the location of any items shown on this map, including, but not limited to, any structures, well or pipeline facilities, property boundaries, topography, roadways, or waterways. The items shown on the map may not have been placed on the map using survey lines or GPS coordinates. The specific location of any of the map items should be determined by a field survey performed by a licensed surveyor upon consultation with EQT.

1 Inch = 116,000 Feet



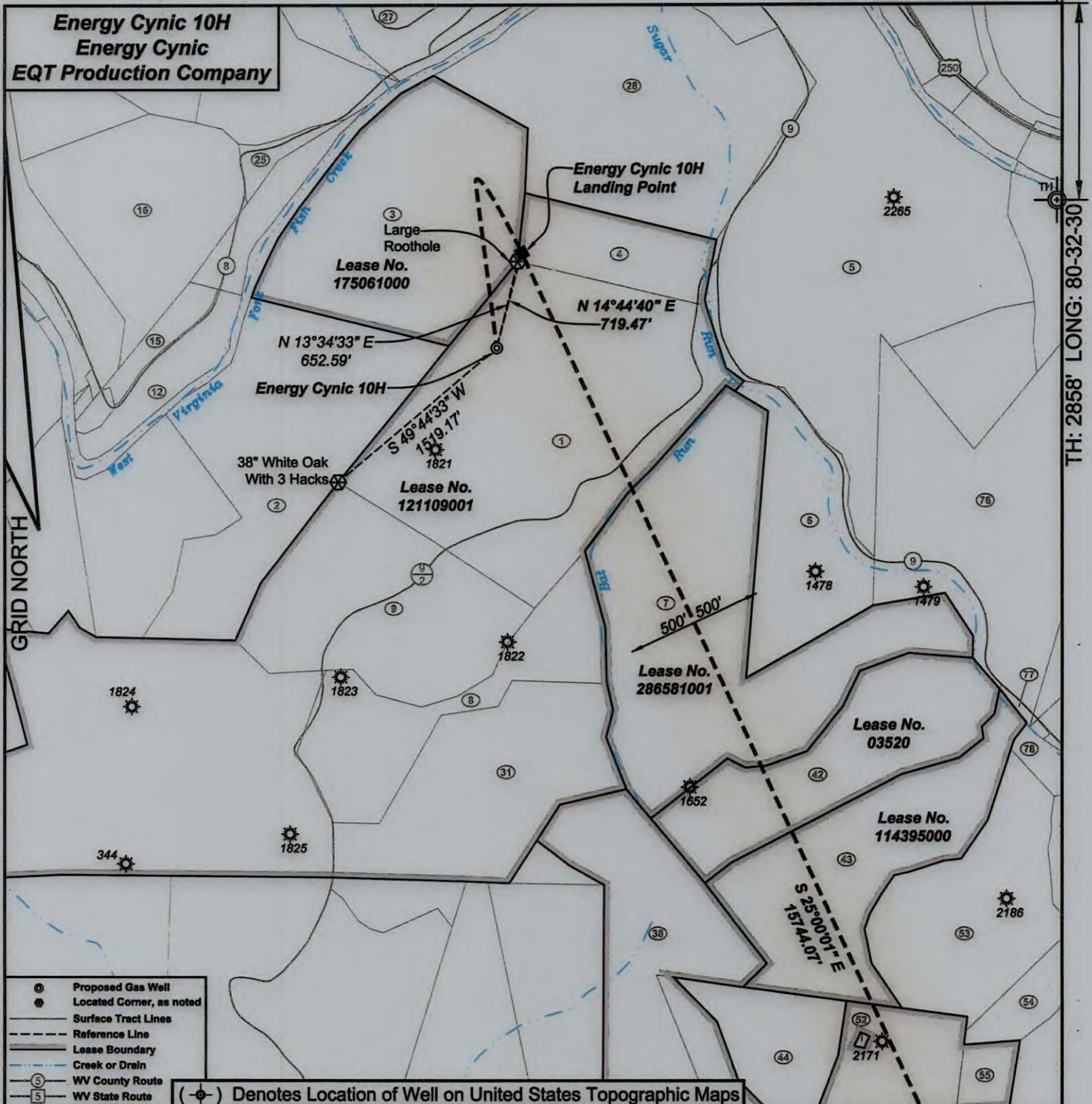
01/23/2026

UWI	ABAND_DATE	CURR_OPER	ELEV_RF_CD	FIELD_NAME	FNL_CLASS	LATITUDE	LONGITUDE	OPER_NAME	PROJ_TD	SPUD_DATE	ELEVATION	TOT_DEPTH
0182400000	NA	CNX Gas Company LLC	NA	NA	NA	39.693206	-80.551308	NA	NA	NA	NA	NA
0165200000	NA	Noumenon Corporation	Unknown	Unnamed	Unclassified	39.691740	-80.536779	Noumenon Corporation	NA	2008	1250.00	NA
0182100000	NA	CNX Gas Company LLC	NA	NA	NA	39.698446	-80.543488	NA	NA	NA	NA	NA
0182200000	12/15/2014	CNX Gas Company LLC	ground	Littltn-Sgr Rn	Development Well	39.694599	-80.541563	CNX Gas Company LLC	2095.00	12/8/2014	1343.00	2095.00
0182300000	12/19/2014	CNX Gas Company LLC	ground	Littltn-Sgr Rn	Development Well	39.693852	-80.545880	CNX Gas Company LLC	2125.00	12/16/2014	1370.00	2125.00
0147800000	NA	Creston Oil Corporation	ground	Littltn-Sgr Rn	Development Well	39.696090	-80.533590	TNG Inc.	NA	NA	1040.00	NA
0182500000	NA	CNX Gas Company LLC	NA	NA	NA	39.690693	-80.547154	NA	NA	NA	NA	NA
0034400000	NA	Operator Unknown	Ground	Knob Fork	Unsuccessful	39.690045	-80.551410	Oper in Min. Owner fld(Orphan We	2450.00	8/16/1948	1325.00	2450.00
0226500000	NA	Diversified Production LLC	Ground	Littltn-Sgr Rn	Development Well	39.703486	-80.531716	DAC, Inc	3607.00	8/20/2007	1253.00	3607.00
0147900000	NA	Creston Oil Corporation	Ground	Littltn-Sgr Rn	Development Well	39.695800	-80.530774	TNG, Inc	NA	2002	1180	NA
0218600000	NA	Diversified Production LLC	Ground	Knob Fork	Development Well	39.689565	-80.52852	Drilling Appalachian Corp.	3550.00	8/7/2006	1234	3550.00
0217100000	NA	Diversified Production LLC	Ground	Knob Fork	Development Well	39.686665	-80.53170900	Drilling Appalachian Corp.	3700.00	6/17/2006	1417.00	3700.00

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Environmental Protection

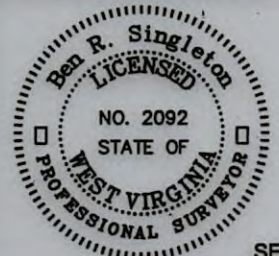
TH: 73' LAT: 39-42-30

Energy Cynic 10H
Energy Cynic
EQT Production Company



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: 59-22

DRAWING NO: Energy Cynic 10H

SCALE: 1" = 1000'

MINIMUM DEGREE OF ACCURACY:
1:2500PROVEN SOURCE OF ELEVATION:
NGS CORS Station

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

DATE: December 16 20 25

OPERATOR'S WELL NO.: Energy Cynic 10H

API WELL NO

47 - 103 - 03752
STATE COUNTY PERMIT

WELL TYPE: ☐ OIL ☒ GAS ☐ LIQUID INJECTION ☐ WASTE DISPOSAL(IF GAS) PRODUCTION: ☐ STORAGE ☐ DEEP ☒ SHALLOW

LOCATION: ELEVATION: 1368' WATERSHED Bat Run of Sugar Run of West Virginia Fork Fish Creek QUADRANGLE: Littleton

DISTRICT: Clay COUNTY: Wetzel

SURFACE OWNER: Ruth Koontz, Life Estate & Michael Koontz, Remainderman

ACREAGE: 84

ROYALTY OWNER: Stone Hill Minerals Holdings, LLC, et al.

LEASE NO: 121109001

ACREAGE: 339

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: 7576'

WELL OPERATOR: EQT Production Company

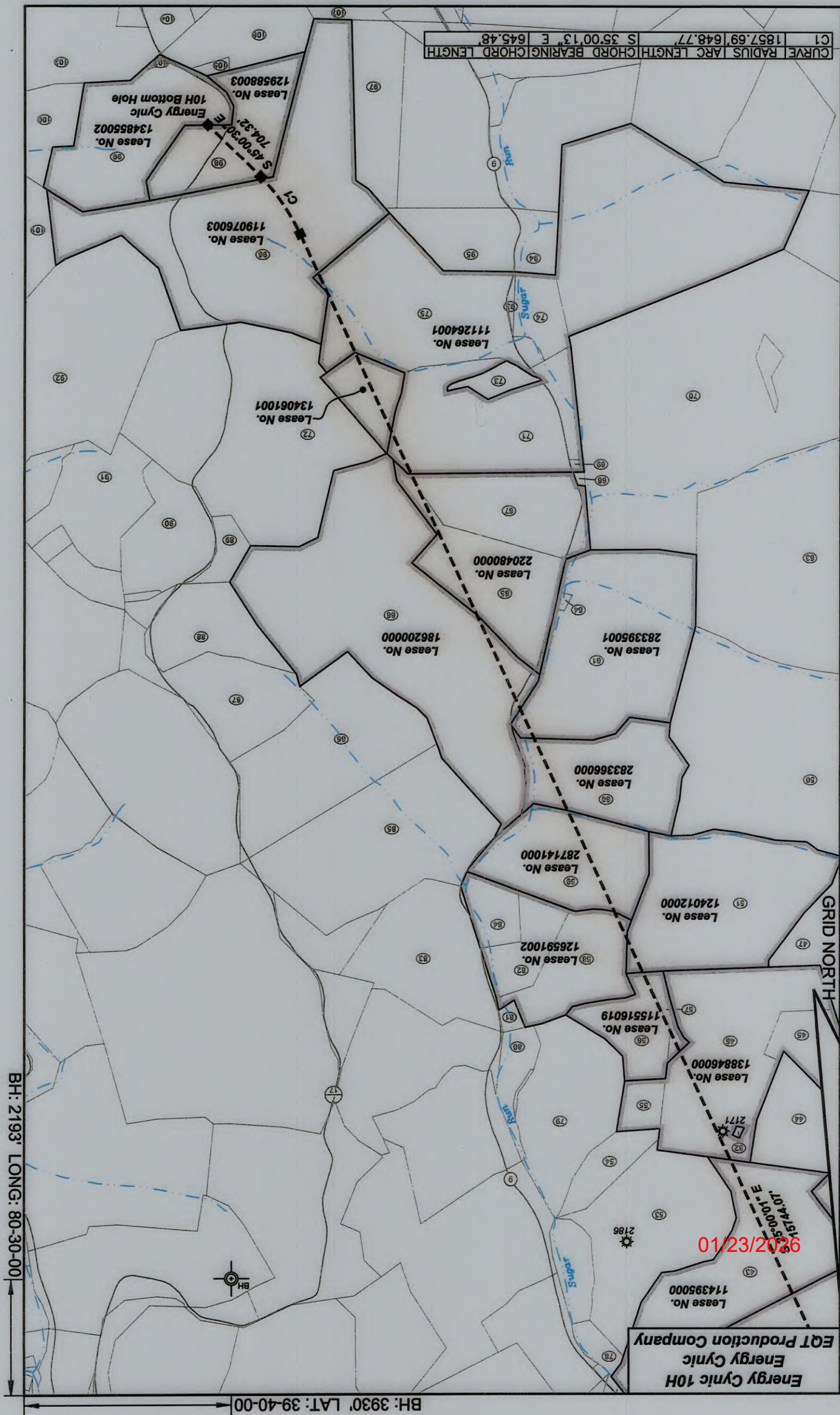
DESIGNATED AGENT: Joseph C. Mallow

ADDRESS: 2200 Energy Drive

ADDRESS: 427 Midstate Drive

Canonsburg, PA 15317

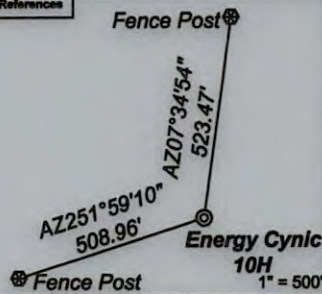
Clarksburg, WV 26301



Energy Cynic 10H
Energy Cynic
EQT Production Company

Tract I.D.	Tax Map No.	Parcel No.	County	District	Surface Tract Owner	Acres
1	5	10	Wetzel	Day	Michael I. Koontz Life Estate	84
2	5	8	Wetzel	Day	Wayne Carmint Realty LLC	52
3	1	32	Wetzel	Day	Thomas Wade, 1st	50
4	1	34	Wetzel	Day	Ronrico Gasconi	19
5	2	24	Wetzel	Day	Cora Hix	147.35
6	5	12	Wetzel	Day	Daniel L. Ruggia	30
7	5	11	Wetzel	Day	Barry J. & Elizabeth A. Frankel	80
8	5	27.1	Wetzel	Day	Shaun D. Kuhn	18
9	5	9	Wetzel	Day	Michael L. Koontz Life Estate	48
12	5	8	Wetzel	Day	Wayne Carmint Realty LLC	7
15	1	30	Wetzel	Day	Wayne Carmint Realty LLC	3.67
16	1	29	Wetzel	Day	Wayne Carmint Realty LLC	41.8
25	1	31	Wetzel	Day	Wayne Carmint Realty LLC	2
26	1	20	Wetzel	Day	Wayne Carmint Realty LLC	21.8
27	1	19	Wetzel	Day	Wayne Carmint Realty LLC	17.5
28	1	33	Wetzel	Day	Larry D. Roberts	70.5
31	5	27	Wetzel	Day	Michael L. & Allison G. Koontz	51.5
38	5	21	Wetzel	Day	IQI Gathering LLC	35
42	5	20	Wetzel	Day	Barry J. & Elizabeth A. Frankel	52
43	5	19	Wetzel	Day	Barry J. & Elizabeth A. Frankel	43.48
44	5	30	Wetzel	Day	Barry J. & Elizabeth A. Frankel	17.5
45	5	21	Wetzel	Day	IQI Gathering LLC	18.51
46	5	41	Wetzel	Day	EQT Gathering LLC	44.2
47	5	38	Wetzel	Day	Michael I. & Allison G. Koontz	84
50	6	4	Wetzel	Day	Susan J. Minor	97
51	5	54	Wetzel	Day	Raymond V. & Lauren E. Knobbs	47.25
52	5	40	Wetzel	Day	Lorilyn Conditary	1.8
53	5	18.1	Wetzel	Day	HQI Gathering LLC	41.87
54	5	45.1	Wetzel	Day	Robt L. & Sharon L. Rockel	6.5
55	5	44	Wetzel	Day	HQI Gathering LLC	4.25
56	5	43	Wetzel	Day	Theresa Ruth Keenan	12.25
57	5	42	Wetzel	Day	Theresa Ruth Keenan	2.7
58	5	53	Wetzel	Day	Mary G. Watson	22
59	5	52	Wetzel	Day	Raymond V. & Lauren E. Knobbs	30
60	6	5	Wetzel	Day	Raymond V. & Lauren E. Knobbs	30.4
61	6	8	Wetzel	Day	Carolyn Shipman	51.522
63	6	9	Wetzel	Day	Donna L. Runner	97.8
64	6	8.1	Wetzel	Day	Carolyn Shipman	0.438
65	6	7	Wetzel	Day	Susan J. Minor	28.5
66	6	6	Wetzel	Day	Bernard W. Schmitt	107
67	6	13	Wetzel	Day	Susan J. Minor	18.5
68	6	13.1	Wetzel	Day	Dale H. Williams	0.3
69	6	11	Wetzel	Day	Rally A. Joliff	0.25
70	6	10	Wetzel	Day	Brian C. Williams, et al.	132.75
71	6	14	Wetzel	Day	Rally A. Joliff	33.741
72	7	16	Wetzel	Day	Tyler Wilkes	89
73	6	14.1	Wetzel	Day	Rally A. Joliff	3.259
74	6	16	Wetzel	Day	Larry Wase	10
75	6	15	Wetzel	Day	Andrew A. Iuzdzinski	43.375
76	5	14	Wetzel	Day	Robt Paul Roberts	65
77	5	13	Wetzel	Day	Lee Booth, et al.	1
78	5	18	Wetzel	Day	EQT Gathering LLC	1.50
79	5	45	Wetzel	Day	James & Iobasco Hedrow	30
80	5	46	Wetzel	Day	Mary G. Watson	6
81	5	48	Wetzel	Day	Mary G. Watson	1
82	5	49	Wetzel	Day	Robin Main & Penny Hamilton	11
83	4	30	Wetzel	Day	Arthur E. Hinton	28.8
84	5	50	Wetzel	Day	Darren L. Yoho, et al.	5
85	4	51	Wetzel	Day	Friars of The Atonement Inc.	61.5
86	7	1	Wetzel	Day	Friars of The Atonement Inc.	43
87	7	3	Wetzel	Day	Morris Family Irrevocable Trust	71.3
88	7	2.5	Wetzel	Day	Bernard W. Schmitt	15.82
89	7	2.2	Wetzel	Day	James R. Suty & Tyler Wilkes	13.33
90	7	2	Wetzel	Day	Peter Parker	0.5
91	7	15	Wetzel	Day	Larry Majoris	32.1
92	7	14	Wetzel	Day	Ridgecap Appalachia LLC	85.25
93	6	15.1	Wetzel	Day	Larry Wase	0.625
94	6	18	Wetzel	Day	Carol Sue Kuhn	4.98
95	6	19	Wetzel	Day	Thomas C. & Patrick L. Anderson	17
96	7	17	Wetzel	Day	Robin L. Utz	90.5
97	6	23	Wetzel	Day	Rhoades C. Whitshill Life Estate	14.5
98	7	18	Wetzel	Day	Robin L. Utz	28.4
99	7	18.1	Wetzel	Day	James F. Mason	30
100	6	21	Wetzel	Church	IQI Production Company	21
101	7	19	Wetzel	Day	McLach Land LLC	73.211
102	10	3	Wetzel	Church	HQI Production Company	38.4
103	7	18	Wetzel	Day	Grandview-Doolin PSD	0.36
104	10	8	Wetzel	Church	Patricia C. Spangler	35
105	10	1.3	Wetzel	Church	Consolidated Gas	0.83
106	10	1	Wetzel	Church	Drilling Appalachian Corp	24.6
107	6	27	Wetzel	Day	John D. Whitshill	35.75

Well References



Notes:
Energy Cynic 10H coordinates are
NAD 27 N: 438,915.69 E: 1,706,779.88
NAD 27 Lat: 39.700406 Long: -80.542122
NAD 83 UTM N: 4,394,615.43 E: 539,271.37
Energy Cynic 10H Landing Point coordinates are
NAD 27 N: 439,611.47 E: 1,706,962.96
NAD 27 Lat: 39.702321 Long: -80.541501
NAD 83 UTM N: 4,394,828.34 E: 539,323.62
Energy Cynic 10H Bottom Hole coordinates are
NAD 27 N: 424,316.01 E: 1,714,485.39
NAD 27 Lat: 39.660567 Long: -80.514153
NAD 83 UTM N: 4,390,206.73 E: 541,693.10
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.

Energy Cynic 16H ©
Energy Cynic 14H ©
Energy Cynic 12H ©
Energy Cynic 10H ©
Energy Cynic 8H ©
Energy Cynic 6H ©
Energy Cynic 4H ©
Energy Cynic 2H ©

Lease No.	Owner	Acres
121109001	Stone Hill Minerals Holdings, LLC, et al.	339
175061000	OXY USA Inc., et al.	70.00 of 31,151.581
286581001	Barry J. Frankel, et al.	77.046 of 132
03520	EQT Production Company, et al.	52
114395000	Stone Hill Minerals Holdings, LLC	41.558966 of 143.913
138846000	AMP V, LP, et al.	44.2375
115516019	Piney Holdings, Inc., et al.	14.257
124012000	Raymond V. Knobbs, et al.	47.25
126591002	Norman Charles Thomas, et al.	38
287141000	Stone Hill Minerals Holdings, LLC	30
283366000	AMP V, LP	30.4375
283395001	Nancy E. Joliffe, et al.	52
186200000	Three Rivers Royalty II, LLC, et al.	107 of 250
220480000	Ronald K. Minor	47
111264001	Terry Blodgett, et al.	135
134061001	Acropolis, Inc.	8.75
119076003	Donald M. Winland, et al.	90.50
129588003	Rebecca S. Dietzler, et al.	28.58
134855002	Three Rivers Royalty II, LLC, et al.	30

Scale 1" = 2000'

01/23/2026

Energy Cynic 10H ©

2500'

1821

1822

**INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE
Chapter 22, Article 6A, Section 5(a)(5)
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)**

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that –

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Lease Name or Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
See Attached				

**Acknowledgement of Possible Permitting/Approval
In Addition to the Office of Oil and Gas**

The permit applicant for the proposed well work addressed in this application hereby acknowledges the possibility of the need for permits and/or approvals from local, state, or federal entities in addition to the DEP, Office of Oil and Gas, including but not limited to the following:

- WV Division of Water and Waste Management
- WV Division of Natural Resources WV Division of Highways
- U.S. Army Corps of Engineers
- U.S. Fish and Wildlife Service
- County Floodplain Coordinator

The applicant further acknowledges that any Office of Oil and Gas permit in no way overrides, replaces, or nullifies the need for other permits/approvals that may be necessary and further affirms that all needed permits/approvals should be acquired from the appropriate authority before the affected activity is initiated.

Well Operator: EQT Production Company
By: Branden Weimer 
Its: Regional Manager - Permitting

Lease No.	Grantor, Lessor, etc.	Acres	Grantee, Lessee, etc.	Royalty	Book/Page
<u>121109001</u> ✓	<u>Stone Hill Minerals Holdings, LLC, et al.</u> Stone Hill Minerals Holdings, LLC	339 ac	EQT Production Company	*at least 1/8th per WV Code 22-6-8"	OG 185A/486
<u>175061000</u> ✓	<u>OXY USA Inc., et al.</u> 70 ac of BRC Appalachian Minerals I LLC BRC Appalachian Minerals I, LLC BRC Minerals LP BRC Working Interest Company, LLC Chesapeake Appalachia, L.L.C. Chesapeake Appalachia, L.L.C. Statoil USA Onshore Properties, Inc. SWN Exchange Titleholder, LLC SWN Production Company, LLC Statoil USA Onshore Properties, Inc. Antero Exchange Properties, LLC Antero Resources Corporation	31,151.581 ac	BRC Working Interest Company LLC BRC Working Interest Company, LLC Chesapeake Appalachia, L.L.C. Statoil USA Onshore Properties, Inc. SWN Production Company, LLC SWN Exchange Titleholder, LLC SWN Production Company, LLC Antero Exchange Properties, LLC Antero Exchange Properties, LLC Antero Resources Corporation EQT Production Company	*at least 1/8th per WV Code 22-6-8"	OG 102A/505 OG 103A/320 OG 103A/470 OG 120A/109 OG 157A/540 OG 158A/801 Corp. Book 13/296 OG 177A/533 OG 177A/738 Corp. Book 13/311 OG 269A/533
<u>286581001</u> ✓	<u>Barry J. Frankel, et al</u> Barry J. Frankel, et ux SWN Production Company, LLC SWN Production Company, LLC and Equinor USA Onshore	77.046 ac of 132 ac	SWN Production Company, LLC Barry J. Frankel, et ux EQT Production Company	*at least 1/8th per WV Code 22-6-8"	OG 344A/319 RB 131/194 OG 415A/536
<u>03520</u> ✓	<u>EQT Production Company, et al</u> Statoil USA Onshore Properties, Inc.	52 ac	EQT Production Company	*at least 1/8th per WV Code 22-6-8"	DB 457/274
<u>114395000</u> ✓	<u>Stone Hill Minerals Holdings, LLC</u> E. Pearlline Wetzel Drilling Appalachian Corporation Statoil USA Onshore Properties, Inc.	41.558966 ac of 143.913 ac	Drilling Appalachian Corporation Statoil USA Onshore Properties, Inc. EQT Production Company	*at least 1/8th per WV Code 22-6-8"	OG 85A/348 OG 153A/640 OG 175A/707
<u>138846000</u> ✓	<u>AMP V, LP, et al</u> Carl B. Marshall, et ux Drilling Appalachian Corporation Statoil USA Onshore Properties, Inc.	44.2375 ac	Drilling Appalachian Corporation Statoil USA Onshore Properties, Inc. EQT Production Company	*at least 1/8th per WV Code 22-6-8"	OG 84A/383 OG 153A/640 OG 175A/707
<u>115516019</u> ✓	<u>Piney Holdings, Inc., et al</u> Piney Holdings, Inc. Antero Resources Corporation	14.257 ac	Antero Resources Corporation EQT Production Company	*at least 1/8th per WV Code 22-6-8"	OG 194A/478 OG 231A/59
<u>124012000</u> ✓	<u>Raymond V. Knobbs, et al</u> Mark Kopar, et al Drilling Appalachian Corporation Statoil USA Onshore Properties, Inc.	47.25 ac	Drilling Appalachian Corporation Statoil USA Onshore Properties, Inc. EQT Production Company	*at least 1/8th per WV Code 22-6-8"	OG 89A/485 OG 153A/640 OG 175A/707
<u>126591002</u> ✓	<u>Norman Charles Thomas, et al</u> Nellie D'Antonio Drilling Appalachian Corporation Statoil USA Onshore Properties, Inc.	38 ac	Drilling Appalachian Corporation Statoil USA Onshore Properties, Inc. EQT Production Company	*at least 1/8th per WV Code 22-6-8"	OG 86A/386 OG 153A/640 OG 175A/707
<u>287141000</u> ✓	<u>Stone Hill Minerals Holdings, LLC</u> Stone Hill Minerals Holdings, LLC	30 ac	EQT Production Company	*at least 1/8th per WV Code 22-6-8"	OG 420A/84
<u>283366000</u> ✓	<u>AMP V, LP</u> AMP V, LP	30.4375 ac	EQT Production Company	*at least 1/8th per WV Code 22-6-8"	OG 409A/21
<u>283395001</u> ✓	<u>Nancy E. Joliffe, et al</u> Nancy E. Joliffe	52 ac	EQT Production Company	*at least 1/8th per WV Code 22-6-8"	OG 408A/319
<u>186200000</u> ✓	<u>Three Rivers Royalty II, LLC, et al</u> J.W. and S.A. Newman South Penn Oil Company Hope Natural Gas Company Consolidated Gas Supply Corporation	107 ac of 250 ac	South Penn Oil Company Hope Natural Gas Company Consolidated Gas Supply Corporation Consolidated Gas Transmission Corporation	*at least 1/8th per WV Code 22-6-8"	OG 44/500 OG 9A/230 DB 233/387 OG 66A/69

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	Consolidated Gas Transmission Corporation CNG Transmission Corporation Dominion Transmission, Inc. CONSOL Energy Holdings LLC VI CONSOL Energy Holdings LLC XVI CONSOL Gas Company CNX Gas Company, LLC Noble Energy, Inc. Noble Energy, Inc. HG Energy II Appalachia, LLC Antero Resources Corporation		CNG Transmission Corporation Dominion Transmission, Inc. CONSOL Energy Holdings LLC VI CONSOL Energy Holdings XVI CONSOL Gas Company CNX Gas Company LLC Noble Energy, Inc. HG Energy II Appalachia, LLC HG Energy II Appalachia, LLC Antero Resources Corporation EQT Production Company		Corp 13/151 Corp 13/158 MR 96/307 MR 96/307 Corp 13/114 MR 96/307 OG 126A/486 OG 203A/664 OG 209A/141 OG 256A/882 OG 269A/533
<u>220480000</u>	<u>Ronald K. Minor</u> Ronald K. Minor	47 ac	EQT Production Company	*at least 1/8th per WV Code 22-6-8"	OG 291A/310
<u>111264001</u>	<u>Terry Blodgett, et al</u> George W. Sole, et ux South Penn Oil Co Hope Natural Gas Company Consolidated Gas Supply Corporation Consolidated Gas Transmission Corporation CNG Development Company Dominion Exploration & Production, Inc. Antero Resources Appalachian Corporation Antero Resources Corporation Statoil USA Onshore Properties, Inc. Equinor USA Onshore Properties, Inc. Terry Blodgett	135 ac	South Penn Oil Co Hope Natural Gas Company Consolidated Gas Supply Corporation Consolidated Gas Transmission Corporation CNG Development Company Dominion Exploration & Production, Inc. Antero Resources Appalachian Corporation Antero Resources Corporation Statoil USA Onshore Properties, Inc. Equinor USA Onshore Properties, Inc. EQT Production Company EQT Production Company	*at least 1/8th per WV Code 22-6-8"	OG 39/548 DB 88/582 DB 233/387 OG 66A/69 OG 67A/453 WV SOS OG 95A/937 MR 121/8 OG 175A/531 CB 13/418; MR 129/313 OG 240/518 OG 416A/681
<u>134061001</u>	<u>Acropolis, Inc.</u> Acropolis, Inc. Drilling Appalachian Corporation Drilling Appalachian Corporation Drilling Appalachian Corporation Grenadier Energy Partners, LLC Drilling Appalachian Corporation Statoil USA Onshore Properties Inc., et al.	8.75 ac	Drilling Appalachian Corporation Grenadier Energy Partners, LLC Grenadier Energy Partners, LLC Grenadier Energy Partners, LLC Statoil USA Onshore Properties Inc. Statoil USA Onshore Properties Inc. EQT Production Company	*at least 1/8th per WV Code 22-6-8"	OG 102A/756 OG 103A/58 OG 118A/171 OG 124A/9 OG 138A/1 OG 138A/54 OG 175A/707
<u>119076003</u>	<u>Donald M. Winland, et al</u> Donald M. Winland, et al Donald Max Winland, Jr. Drilling Appalachian Corporation Drilling Appalachian Corporation and Grenadier Energy Partners, LLC Grenadier Energy Partners, LLC Drilling Appalachian Corporation Drilling Appalachian Corporation Grenadier Energy Partners, LLC Statoil USA Onshore Properties Inc., et al.	90.50 ac	Drilling Appalachian Corporation Drilling Appalachian Corporation Grenadier Energy Partners, LLC Public Statoil USA Onshore Properties Inc. Statoil USA Onshore Properties Inc. Statoil USA Onshore Properties Inc. Statoil USA Onshore Properties Inc. Statoil USA Onshore Properties Inc. EQT Production Company	*at least 1/8th per WV Code 22-6-8"	OG 84A/581 OG 101A/138 OG 124A/9 OG 137A/536 OG 138A/1 OG 138A/54 OG 153A/640 OG 153A/695 OG 175A/707
<u>129588003</u>	<u>Rebecca S. Dietzler, et al</u> Reda Mae Amos	28.58 ac	EQT Production Company	*at least 1/8th per WV Code 22-6-8"	OG 186A/514
<u>134855002</u>	<u>Three Rivers Royalty II, LLC, et al</u> Jewel V. Mason Antero Resources Corporation	30 ac	Antero Resources Corporation EQT Production Company	*at least 1/8th per WV Code 22-6-8"	OG 188A/931 OG 231A/59

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