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 12H
47-103-03753-00-00

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.

H. Jason Harmon
Acting Chief

Operator's Well Number:	Energy Cynic 12H
Farm Name:	Ruth Koontz (LE) & Michael Koontz (Remainderman)
U.S. WELL NUMBER:	47-103-03753-00-00
Horizontal 6A	New Drill
Date Modification Issued:	1/16/2026

01/23/2026

WW-6B
(04/15)

API NO. 47- 103 - 03753
OPERATOR WELL NO. 12H
Well Pad Name: Energy Cynic

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: 12H Well Pad Name: Energy Cynic

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

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: 26,100'

11) Proposed Horizontal Leg Length: 17,718'

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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Ck # 609958
25000

01/23/2026

Approved by Stephen McCoy
Date: 2025.12.17 08:44:29 -05'00'

API NO. 47- 103 - 03753
OPERATOR WELL NO. 12H
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	26100	26100	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:				
Sizes:				
Depths Set:				

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Stephen Mccoy 01/23/2026
Digitally signed by Stephen Mccoy
Date: 2025.12.17 08:44:18 -05'00'

API NO. 47- 103 - 03753
OPERATOR WELL NO. 12H
Well Pad Name: Energy Cynic

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.

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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

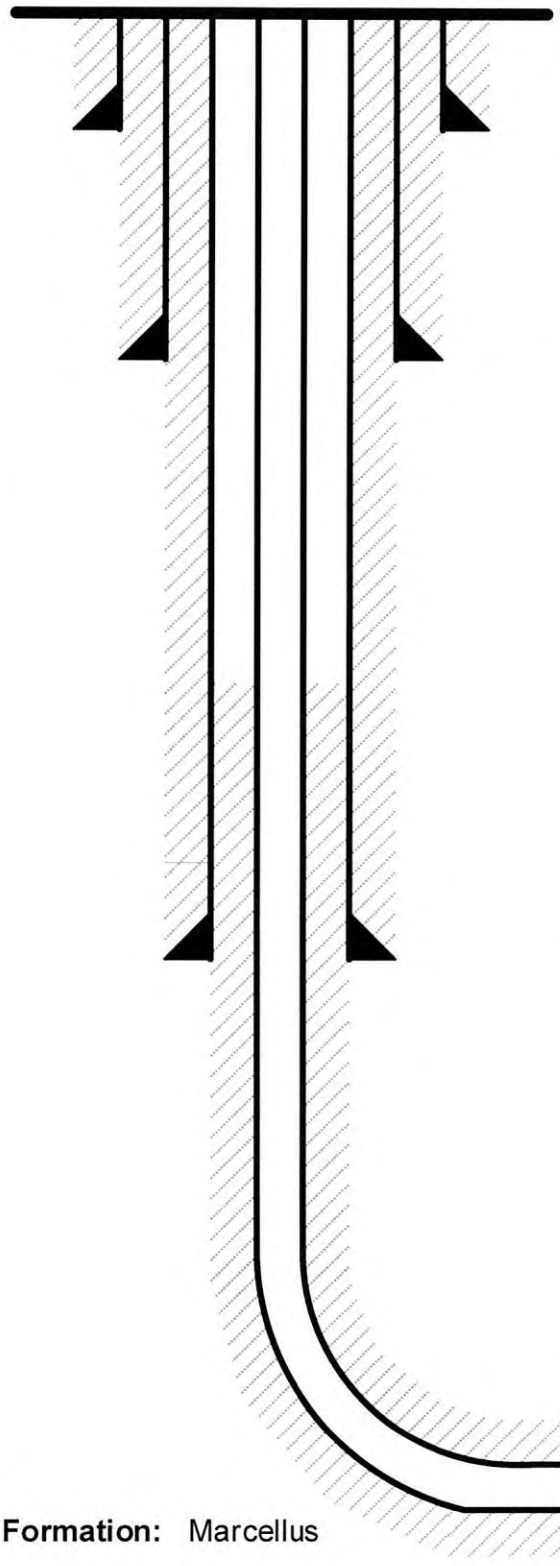
25) Proposed borehole conditioning procedures:

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.

Stephen McCoy 01/23/2026
Digitally signed by Stephen McCoy
Date: 2025.12.17 08:44:05 -05'00'

EQT Production		Wellbore Diagram	
Well:	Energy Cynic 12H	County:	Wetzel
Pad:	Energy Cynic	State:	West Virginia
Elevation:	1368' GL 1381' KB		



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

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Production @ 26,100' MD / 7,576' TVD

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

Formation: Marcellus

Stephen Mccoy

Digitally signed by Stephen Mccoy
Date: 2025.12.17 08:44:49 -05'00'

NOT TO SCALE

01/23/2026

WEST VIRGINIA GEOLOGICAL PROGNOSIS

Energy Cynic

Drilling Objectives:	**Marcellus**	S-001221	
County:	Wetzel		
Quad:	Littleton		
Elevation:	**1381 KB**	**1368 GL**	
Recommended Azimuth	**156** Degrees		

ESTIMATED FORMATION TOPS

Formation	Top (TVD)	Base (TVD)	Lithology		Comments	Top RR	Base RR
Fresh Water Zone	1	278			FW Show from Permit App of 4710302265		No Red Rock Listed in Offsets
Waynesburg	879	883	Coal	Not Mined			
Sewickley	1097	1101	Coal	Not Mined			
Pittsburgh	1205	1211	Coal	Not Mined			Base of Red Rock
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				
Geneseo	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				

Target Thickness	50 feet
Max Anticipated Rock Pressure	2620 PSI

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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			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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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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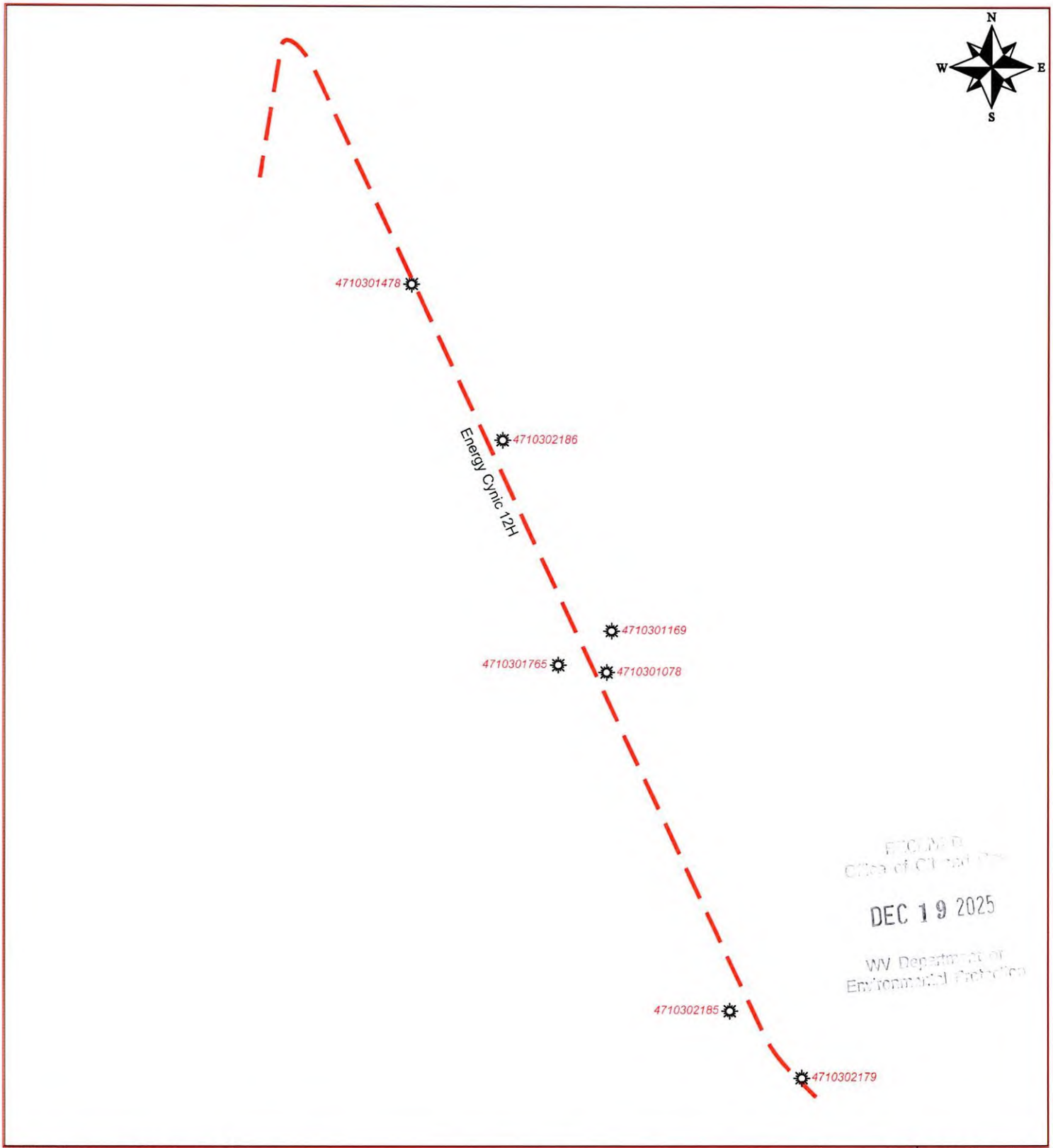

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EQT Corporation
625 Liberty Avenue
Pittsburgh, PA 15222

Energy Cynic

Vertical Offsets and Foreign Laterals within 500 Feet

Legend

Well Lateral_FM

Formation

- Geneseo
- Marcellus
- Utica

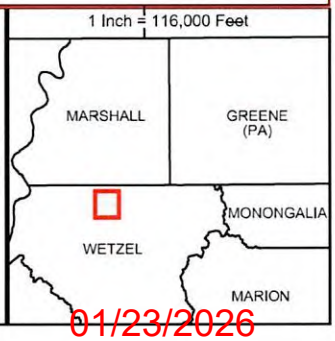
Energy Cynic_Offset_Wells

2000 1000 0 2000

Scale: 1 Inch = 2000 Feet

1 Inch = 116,000 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.



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	Unsuccesful	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	-80.528520	Drilling Appalachian Corp.	3550.00	8/7/2006	1234	3550.00
0148000000		Creston Oil Corporation	Ground	Littltn-Sgr Rn	Development Well	39.698990	-80.526646	TNG, Inc	NA	NA	1300	NA

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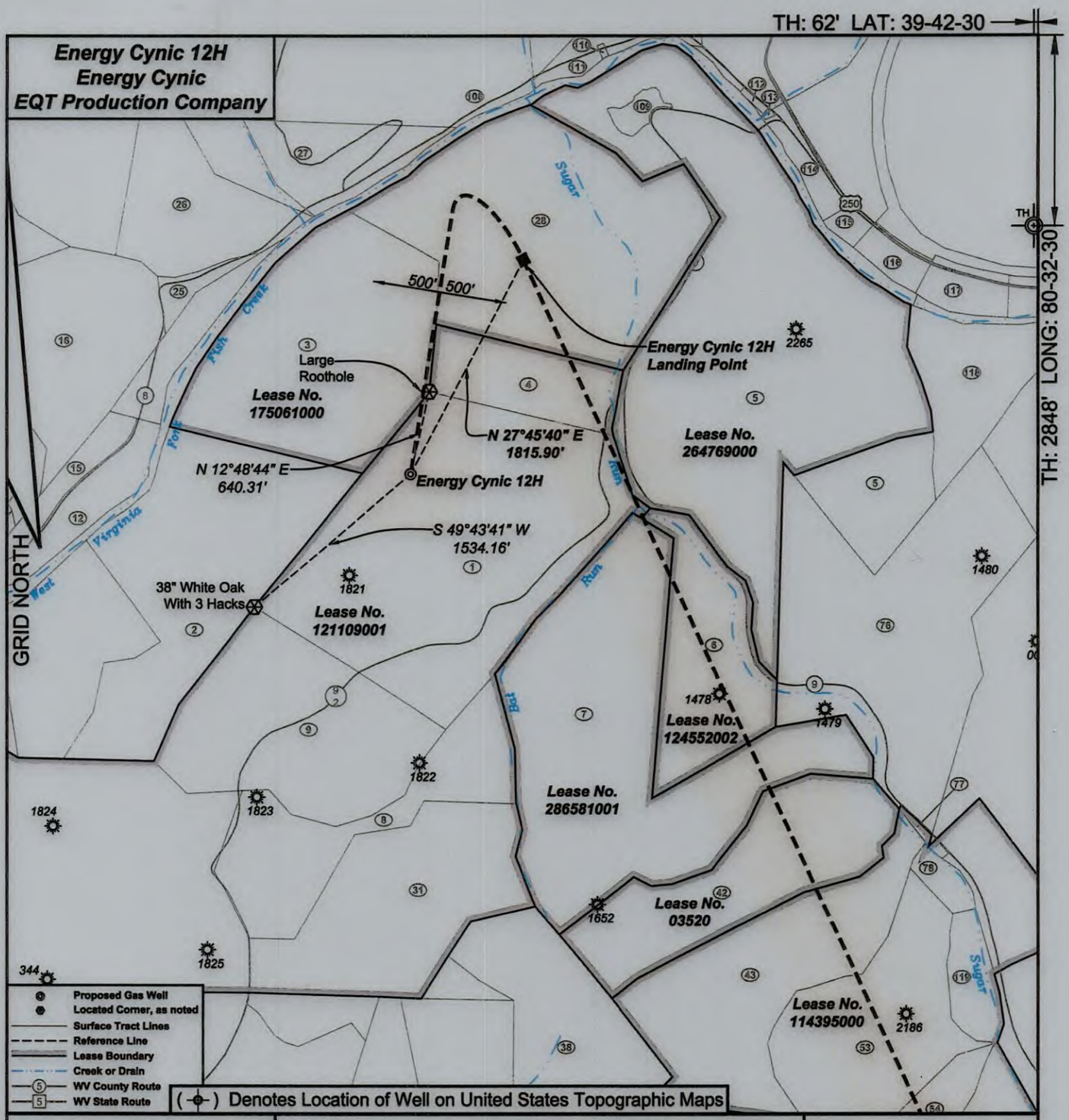


ALLEGHENY SURVEYS, INC.

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

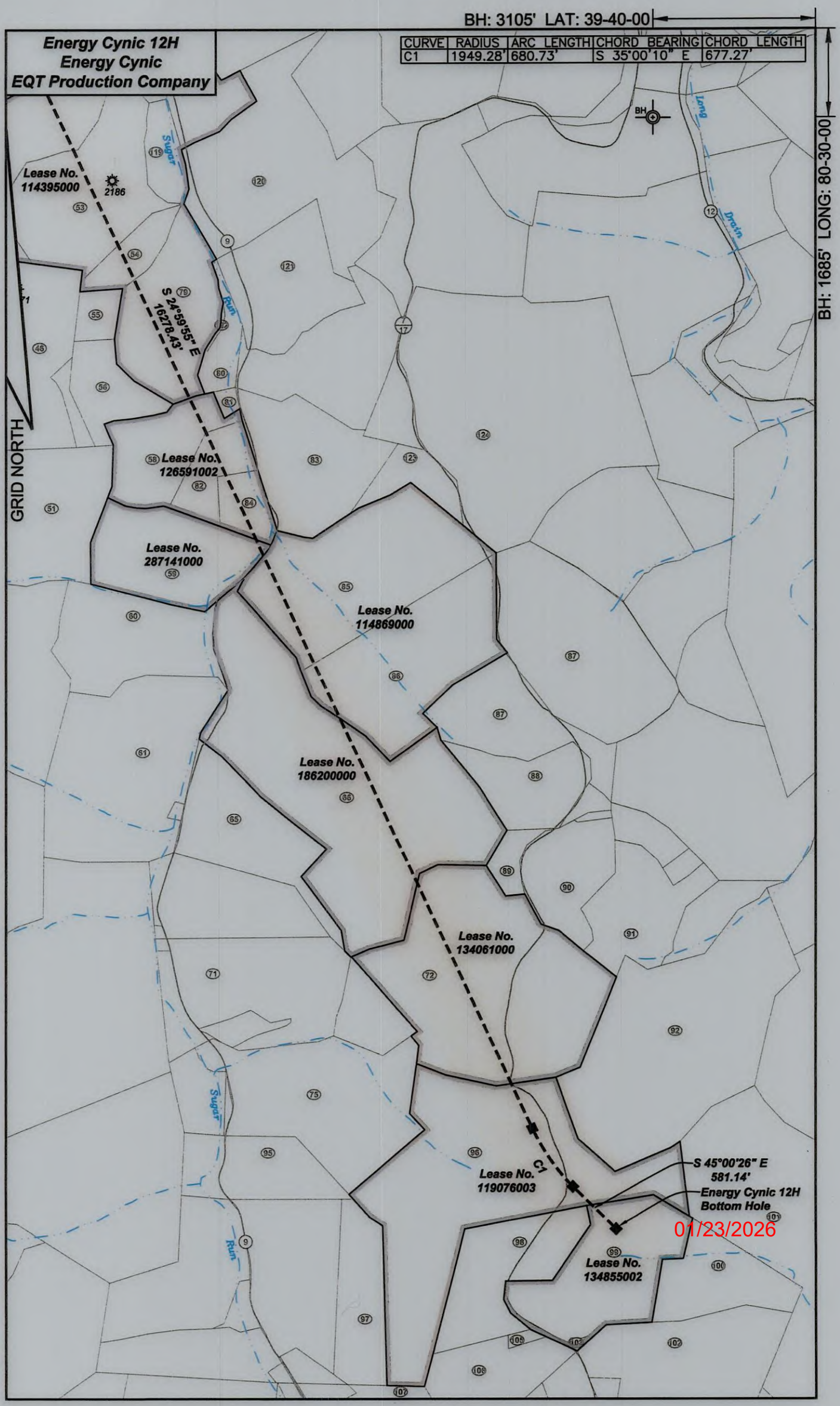
FILE NO: 59-22
DRAWING NO: Energy Cynic 12H
SCALE: 1" = 1000'
MINIMUM DEGREE OF ACCURACY: 1:2500
PROVEN SOURCE OF ELEVATION: NGS CORS Station

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

DATE: December 16 20 25
OPERATOR'S WELL NO.: Energy Cynic 12H
API WELL NO
47 - 103 - 03753
STATE COUNTY PERMIT

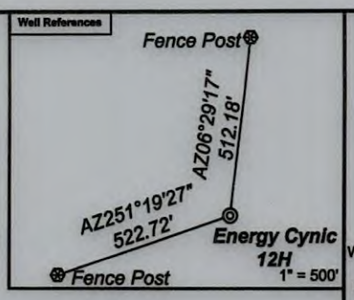
WELL TYPE: ☐ OIL ☒ GAS ☐ LIQUID INJECTION ☐ WASTE DISPOSAL
(IF GAS) PRODUCTION : ☐ STORAGE ☐ DEEP ☒ SHALLOW
LOCATION: ELEVATION: 1368' WATERSHED Bat Run of Sugar Run of West Virginia Fork Fish Creek QUADRANGLE: Littleton
DISTRICT: Clay COUNTY: Wetzel 01/23/2026
SURFACE OWNER: Ruth Koontz, Life Estate & 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
ADDRESS: 2200 Energy Drive, Canonsburg, PA 15317
DESIGNATED AGENT: Joseph C. Mallow
ADDRESS: 427 Midstate Drive, Clarksburg, WV 26301


Energy Cynic 12H
Energy Cynic
EQT Production Company
BH: 3105' LAT: 39-40-00
BH: 1685' LONG: 80-30-00
CURVE | RADIUS | ARC LENGTH | CHORD BEARING | CHORD LENGTH
C1 | 1949.28' | 680.73' | S 35°00'10" E | 677.27'
BH
GRID NORTH
Lease No. 114395000
2186
S 24°59'55" E 16278.43'
Lease No. 126591002
Lease No. 287141000
Lease No. 114869000
Lease No. 186200000
Lease No. 134061000
Lease No. 119076003
Lease No. 134855002
C1
S 45°00'26" E 581.14'
Energy Cynic 12H Bottom Hole
Sugar Run
Long Drain
01/23/2026

Energy Cynic 12H
Energy Cynic
EQT Production Company

Tract I.D.	Tax Map No.	Parcel No.	County	District	Surface Tract Owner	Acres
1	5	10	Wetzel	Clay	Michael L. Koontz Life Estate	84
2	5	8	Wetzel	Clay	Wayne Carmint Realty LLC	52
3	1	32	Wetzel	Clay	Thomas Wade, Et.	50
4	1	34	Wetzel	Clay	Florence Casconi	19
5	2	24	Wetzel	Clay	Cora Hix	147.35
6	5	12	Wetzel	Clay	Daniel L. Reggia	30
7	5	11	Wetzel	Clay	Barry J. & Elizabeth A. Frankel	80
8	5	27.1	Wetzel	Clay	Shaun D. Kuhn	18
9	5	9	Wetzel	Clay	Michael L. Koontz Life Estate	48
12	5	6	Wetzel	Clay	Wayne Carmint Realty LLC	7
15	1	30	Wetzel	Clay	Wayne Carmint Realty LLC	3.67
16	1	29	Wetzel	Clay	Wayne Carmint Realty LLC	41.8
25	1	31	Wetzel	Clay	Wayne Carmint Realty LLC	2
26	1	20	Wetzel	Clay	Wayne Carmint Realty LLC	21.8
27	1	19	Wetzel	Clay	Wayne Carmint Realty LLC	17.5
28	1	33	Wetzel	Clay	Larry D. Roberts	70.5
31	5	27	Wetzel	Clay	Michael L. & Allison G. Koontz	54.5
38	5	21	WeLel	Clay	EQT Gathering LLC	35
42	5	20	Wetzel	Clay	Barry J. & Elizabeth A. Frankel	52
43	5	19	Wetzel	Clay	Harry J. & Elizabeth A. Frankel	43.46
44	5	39	WeLel	Clay	Barry J. & Elizabeth A. Frankel	17.5
46	5	41	Wetzel	Clay	EQT Gathering LLC	44.2
51	5	54	Wetzel	Clay	Raymond V. & Lauren E. Knobbs	47.25
53	5	18.1	WeLel	Clay	EQT Gathering LLC	41.67
54	5	45.1	Wetzel	Clay	Robt L. & Sharon L. Rockel	0.5
55	5	44	Wetzel	Clay	HQI Gathering II C	4.25
56	5	43	WeLel	Clay	Thelma Ruth Keenan	12.25
58	5	53	Wetzel	Clay	Mary G. Watson	22
59	5	52	Wetzel	Clay	Raymond V. & Lauren E. Knobbs	30
60	6	5	WeLel	Clay	Raymond V. & Lauren E. Knobbs	30.4
61	6	8	Wetzel	Clay	Carolyn Shipman	51.502
65	6	7	Wetzel	Clay	Susan J. Minor	28.5
66	6	6	WeLel	Clay	Bernard W. Schmitt	107
71	6	14	Wetzel	Clay	Patty A. Jolliff	33.741
72	7	16	Wetzel	Clay	Tyler Wilkes	89
75	6	15	WeLel	Clay	Andrew A. Dudzinski	43.375
76	5	14	Wetzel	Clay	Robt Paul Roberts	65
77	5	13	Wetzel	Clay	Lee Booth, et al.	1
78	5	18	WeLel	Clay	EQT Gathering LLC	1.59
79	5	45	Wetzel	Clay	James & Roscoe Tedrow	30
80	5	46	Wetzel	Clay	Mary G. Watson	6
81	5	48	WeLel	Clay	Mary G. Watson	1
82	5	49	Wetzel	Clay	Robin Main	11
83	4	30	Wetzel	Clay	Arthur E. Britton	29.8
84	5	50	WeLel	Clay	Darren Yoho	5
85	4	51	Wetzel	Clay	Friars of The Atonement Inc.	61.5
86	7	1	Wetzel	Clay	Friars of The Atonement Inc.	43
87	7	3	WeLel	Clay	Morris Family Irrevocable Trust	71.3
88	7	2.5	Wetzel	Clay	Bernard W. Schmitt	15.82
89	7	2.2	Wetzel	Clay	James R. Suty	13.33
90	7	2	WeLel	Clay	Peter Parker	8.5
91	7	15	Wetzel	Clay	Larry Majoris	32.4
92	7	14	Wetzel	Clay	Ridgetop Appalachia LLC	85.25
95	6	19	WeLel	Clay	Thomas C. Anderson	17
96	7	17	Wetzel	Clay	Robin L. Utt	90.5
97	6	23	Wetzel	Clay	Rhoades C. Whitehill Life Estate	14.5
98	7	18	WeLel	Clay	Robin L. Utt	20.4
99	7	18.1	Wetzel	Clay	James F. Mason	30
100	6	21	Wetzel	Church	EQT Production Company	21
101	7	19	Wetzel	Clay	Mclach Land II C	73.211
102	10	3	Wetzel	Church	EQT Production Company	36.4
103	7	18.2	Wetzel	Clay	Grandview-Doolin PSD	0.36
105	10	1.3	Wetzel	Church	Consolidated Gas	0.83
106	10	1	Wetzel	Church	Drilling Appalachian Corp	24.6
107	6	27	Wetzel	Clay	John D. Whitehill	35.75
108	1	14	Wetzel	Clay	Gregory A. & Cynthia D. Gorby	15.8
109	1	17	Wetzel	Clay	Anderson-Bethel Cemetery	0.76
110	1	15	Wetzel	Clay	Sunshine State Investment Group LLC	0.12
111	1	16	Wetzel	Clay	Steven W. Derby	5.9
112	2	24.1	Wetzel	Clay	Littleton Church of God	0.33
113	2	23	Wetzel	Clay	Church of God	0.29
114	2	25	Wetzel	Clay	Ezra Bassett Estate	5.08
115	2	25.1	Wetzel	Clay	Estella Bradley Estate	1.21
116	2	26	Wetzel	Clay	Evelyn L. Wharton	3.4
117	2	27	Wetzel	Clay	William L. Wharton	6
118	2	28	Wetzel	Clay	William L. Wharton	20
119	5	17	Wetzel	Clay	Charles Hamilton	5.3
120	5	16	Wetzel	Clay	Carolyn Shipman	44.5
121	5	47	Wetzel	Clay	Carolyn Shipman	30.5
122	5	46.1	Wetzel	Clay	Roscoe Tedrow	0.41
123	4	31	Wetzel	Clay	Brian K. Britton	10
124	4	32	Wetzel	Clay	Coastal Forest Resources Company	92



Notes:

Energy Cynic 12H coordinates are
NAD 27 N: 438,925.68 E: 1,706,791.07
NAD 27 Lat: 39.700433 Long: -80.542083
NAD 83 UTM N: 4,394,618.53 E: 539,274.73

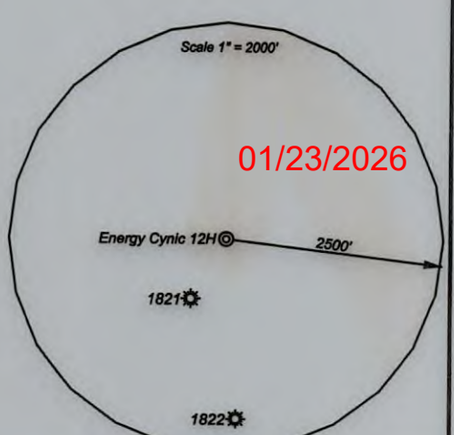
Energy Cynic 12H Landing Point coordinates are
NAD 27 N: 440,532.53 E: 1,707,636.80
NAD 27 Lat: 39.704871 Long: -80.539144
NAD 83 UTM N: 4,395,112.39 E: 539,524.24

Energy Cynic 12H Bottom Hole coordinates are
NAD 27 N: 424,814.29 E: 1,715,315.93
NAD 27 Lat: 39.661961 Long: -80.511224
NAD 83 UTM N: 4,390,362.77 E: 541,943.61

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
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 and 70.5 of 31,151.581
264769000	AMP Fund III, LP	132.35
286581001	Barry J. Frankel, et ux., et al.	77.046 of 132
124552002	Kathryn S. Milliken, et al.	30 of 37.85
03520	EQT Production Company, et al.	52
114395000	Stone Hill Minerals Holdings, LLC	143
126591002	Norman Charles Thomas, et al.	38
287141000	Stone Hill Minerals Holdings, LLC	30
114869000	Catholic Solitude Corp., et al.	102
186200000	Three Rivers Royalty, II, LLC, et al.	107 of 250
134061000	Tug Hill Minerals I, LLC	80.25 of 89
119076003	Donald M. Winland, et al.	90.50
134855002	Three Rivers Royalty, II, LLC, et al.	30



WW-6A1
(5/13)

Operator's Well No. Energy Cynic 12H

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

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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

01/23/2026

WW-6A1 attachment | Operator's Well No. | Energy Cynic 12H

Lease No.	Grantor, Lessor, etc.	Acres	Grantee, Lessee, etc.	Royalty	Book/Page
	Stone Hill Minerals Holdings, LLC, et al.			"at least 1/8th per WV Code 22-6-8"	
121109001	Stone Hill Minerals Holdings, LLC	339 ac	EQT Production Company		OG 185A/486
	OXY USA Inc., et al.			"at least 1/8th per WV Code 22-6-8"	
175061000	BRC Appalachian Minerals I LLC	70.00 ac and 70.5 ac of 31,151.581 ac	BRC Working Interest Company LLC		OG 102A/505
	BRC Appalachian Minerals I, LLC				
	BRC Minerals LP		BRC Working Interest Company, LLC		OG 103A/320
	BRC Working Interest Company, LLC		Chesapeake Appalachia, L.L.C.		OG 103A/470
	Chesapeake Appalachia, L.L.C.		Statoil USA Onshore Properties, Inc.		OG 120A/109
	Chesapeake Appalachia, L.L.C.		SWN Production Company, LLC		OG 157A/540
	Statoil USA Onshore Properties, Inc.		SWN Exchange Titleholder, LLC		OG 158A/801
	SWN Exchange Titleholder, LLC		SWN Production Company, LLC		Corp. Book 13/296
	SWN Production Company, LLC		Antero Exchange Properties, LLC		OG 177A/533
	Statoil USA Onshore Properties, Inc.		Antero Exchange Properties, LLC		OG 177A/738
	Antero Exchange Properties, LLC		Antero Resources Corporation		Corp. Book 13/311
	Antero Resources Corporation		EQT Production Company		OG 269A/533
	AMP Fund III, LP			"at least 1/8th per WV Code 22-6-8"	
264769000	Cora Belle Hix	132.35 ac	Tri-County Oil & Gas, Inc.		OG 86A/364
	Tri-County Oil and Gas, Inc.		Drilling Appalachian Corporation		OG 88A/276
	Tri-County Oil and Gas, Inc.		Hayhurst Company		OG 89A/387
	Drilling Appalachian Corporation		Patrick D. Deem		OG 90A/370
	Hayhurst Company		Piney Holdings, Inc.		OG 118A/410
	Hayhurst Company		Piney Holdings, Inc.		OG 124A/919
	Piney Holdings, Inc.		Drilling Appalachian Corporation		OG 126A/74
	Drilling Appalachian Corporation		Grenadier Energy Partners, LLC		OG 127A/291
	Grenadier Energy Partners, LLC		Statoil USA Onshore Properties Inc.		OG 138A/1
	Drilling Appalachian Corporation		Statoil USA Onshore Properties Inc.		OG 138A/54
	Drilling Appalachian Corporation		Statoil USA Onshore Properties Inc.		OG 153A/640
	Grenadier Energy Partners, LLC		Statoil USA Onshore Properties Inc.		OG 153A/695
	Statoil USA Onshore Properties Inc.				
	Statoil Pipelines LLC				
	Statoil Natural Gas LLC				
	Statoil Marketing & Trading (US) Inc.		EQT Production Company		OG 175A/707
	Barry J. Frankel, etux, et al			"at least 1/8th per WV Code 22-6-8"	
286581001	Barry J. Frankel and Elizabeth A. Frankel	77.046 ac of 132 ac	SWN Production Company, LLC		OG 344A/319
	SWN Production Company, LLC		Barry J. Frankel, et ux		RB 131/194
	SWN Production Company, LLC and Equinor USA Onshore		EQT Production Company		OG 415A/536
	Kathryn S. Millliken, et al			"at least 1/8th per WV Code 22-6-8"	
124552002	Kathryn S. Millliken	30 ac of 37.85 ac	Statoil USA Onshore Properties, Inc.		OG 140A/553
	Statoil USA Onshore Properties, Inc.		EQT Production Company		OG 175A/707
	EQT Production Company, et al			"at least 1/8th per WV Code 22-6-8"	
03520	Statoil USA Onshore Properties, Inc.	52 ac	EQT Production Company		DB 457/274
	Stone Hill Minerals Holdings, LLC			"at least 1/8th per WV Code 22-6-8"	
114395000	E. Pearline Wetzel	143 ac	Drilling Appalachian Corporation		OG 85A/348
	Drilling Appalachian Corporation		Statoil USA Onshore Properties, Inc.		OG 153A/640
	Statoil USA Onshore Properties, Inc.		EQT Production Company		OG 175A/707
	Norman Charles Thomas, et al			"at least 1/8th per WV Code 22-6-8"	
126591002	Nellie D'Antonio	38 ac	Drilling Appalachian Corporation		OG 86A/386
	Drilling Appalachian Corporation		Statoil USA Onshore Properties, Inc.		OG 153A/640
	Statoil USA Onshore Properties, Inc.		EQT Production Company		OG 175A/707
	Stone Hill Minerals Holdings, LLC			"at least 1/8th per WV Code 22-6-8"	
287141000	Stone Hill Minerals Holdings, LLC	30 ac	EQT Production Company		OG 420A/84
	Catholic Solitude Corp., et al			"at least 1/8th per WV Code 22-6-8"	
114869000	Patrick Odea, et ux	102 ac	South Penn Oil Company		DB 46/126
	South Penn Oil Company		Hope Natural Gas Company		OG 9A/230
	Hope Natural Gas Company		Consolidated Gas Supply Corporation		DB 233/387
	Consolidated Gas Supply Corporation		Consolidated Gas Transmission Corporation		OG 66A/69

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	Consolidated Gas Transmission Corporation		CNG Transmission Corporation		Corp 13/151
	CNG Transmission Corporation		Dominion Transmission, Inc.		Corp 13/158
	Dominion Transmission, Inc.		CNX Gas Company LLC		MB 96/307
	CNX Gas Company, LLC		Drilling Appalachian Corporation		OG 157A/654
	Drilling Appalachian Corporation		Statoil USA Onshore Properties, Inc.		OG 153A/640
	Statoil USA Onshore Properties, Inc.		EQT Production Company		OG 175A/707
	Three Rivers Royalty, II, LLC, et al			"at least 1/8th per WV Code 22-6-8"	
186200000	J.W. and S.A. Newman	107 ac of 250 ac	South Penn Oil Company		OG 44/500
	South Penn Oil Company		Hope Natural Gas Company		OG 9A/230
	Hope Natural Gas Company		Consolidated Gas Supply Corporation		DB 233/387
	Consolidated Gas Supply Corporation		Consolidated Gas Transmission Corporation		OG 66A/69
	Consolidated Gas Transmission Corporation		CNG Transmission Corporation		Corp 13/151
	CNG Transmission Corporation		Dominion Transmission, Inc.		Corp 13/158
	Dominion Transmission, Inc.		CONSOL Energy Holdings LLC VI		MR 96/307
	CONSOL Energy Holdings LLC VI		CONSOL Energy Holdings XVI		MR 96/307
	CONSOL Energy Holdings LLC XVI		CONSOL Gas Company		Corp 13/114
	CONSOL Gas Company		CNX Gas Company LLC		MR 96/307
	CNX Gas Company, LLC		Noble Energy, Inc.		OG 126A/486
	Noble Energy, Inc.		HG Energy II Appalachia, LLC		OG 203A/664
	Noble Energy, Inc.		HG Energy II Appalachia, LLC		OG 209A/141
	HG Energy II Appalachia, LLC		Antero Resources Corporation		OG 256A/882
	Antero Resources Corporation		EQT Production Company		OG 269A/533
	Tug Hill Minerals I, LLC			"at least 1/8th per WV Code 22-6-8"	
134061000	Franklin Fragale	80.25 ac of 89 ac	Drilling Appalachian Corporation		OG 84A/464
	Drilling Appalachian Corporation		Grenadier Energy Partners, LLC		OG 103A/58
	Drilling Appalachian Corporation		Grenadier Energy Partners, LLC		OG 118A/171
	Drilling Appalachian Corporation		Grenadier Energy Partners, LLC		OG 124A/9
	Grenadier Energy Partners, LLC		Statoil USA Onshore Properties Inc.		OG 138A/1
	Drilling Appalachian Corporation		Statoil USA Onshore Properties Inc.		OG 138A/54
	Statoil USA Onshore Properties Inc, et al		EQT Production Company		OG 175A/707
	Donald M. Winland, et al			"at least 1/8th per WV Code 22-6-8"	
119076003	Donald M. Winland, et al	90.50 ac	Drilling Appalachian Corporation		OG 84A/581
	Drilling Appalachian Corporation		Grenadier Energy Partners, LLC		OG 124A/9
	Drilling Appalachian Corporation and Grenadier Energy Partners, LLC		Public		OG 137A/536
	Grenadier Energy Partners, LLC		Statoil USA Onshore Properties Inc.		OG 138A/1
	Drilling Appalachian Corporation		Statoil USA Onshore Properties Inc.		OG 138A/54
	Drilling Appalachian Corporation		Statoil USA Onshore Properties Inc.		OG 153A/640
	Grenadier Energy Partners, LLC		Statoil USA Onshore Properties Inc.		OG 153A/695
	Statoil USA Onshore Properties Inc., et al		EQT Production Company		OG 175A/707
	Three Rivers Royalty II, LLC, et al			"at least 1/8th per WV Code 22-6-8"	
134855002	Jewel V. Mason	30 ac	Antero Resources Corporation		OG 188A/931
	Antero Resources Corporation		EQT Production Company		OG 231A/59

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EQT PRODUCTION COMPANY
2200 Energy Drive | Canonsburg, PA 15317

December 17, 2025

Mr. Taylor Brewer
West Virginia Department of Environmental Protection
Office of Oil and Gas
601 57th Street SE
Charleston, WV 25304

Re: Energy Cynic 12H 6A1 Addendum

Dear Mr. Brewer,

This letter and supporting documentation serve as EQT Production Company's addendum to the WW-6A1 form associated with this well. The lease included on this addendum is a lease in which EQT "claims the right to extract, produce or market the oil or gas", but does not propose to encounter the lease with the proposed wellbore. EQT would like to report this lease as part of our Well Work Permit Application, as it is located within 50' of our proposed permitted wellbore.

If EQT does encounter this lease, an application for a permit modification will be filed with the West Virginia DEP, Office of Oil and Gas.

If you have any questions, please do not hesitate to contact me at 724-250-0180 or OPishioneri@eqt.com

Sincerely,

Olivia Wilson
Project Specialist - Permitting

Enc.

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WW-6A1 attachment | Operator's Well No. | Energy Cynic 12H Addendum

Lease No.	Grantor, Lessor, etc.	Acres	Grantee, Lessee, etc.	Royalty	Book/Page
129588003	Rebecca S. Dietzler, et al Reda Mae Amos	28.58 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	OG 186A/514

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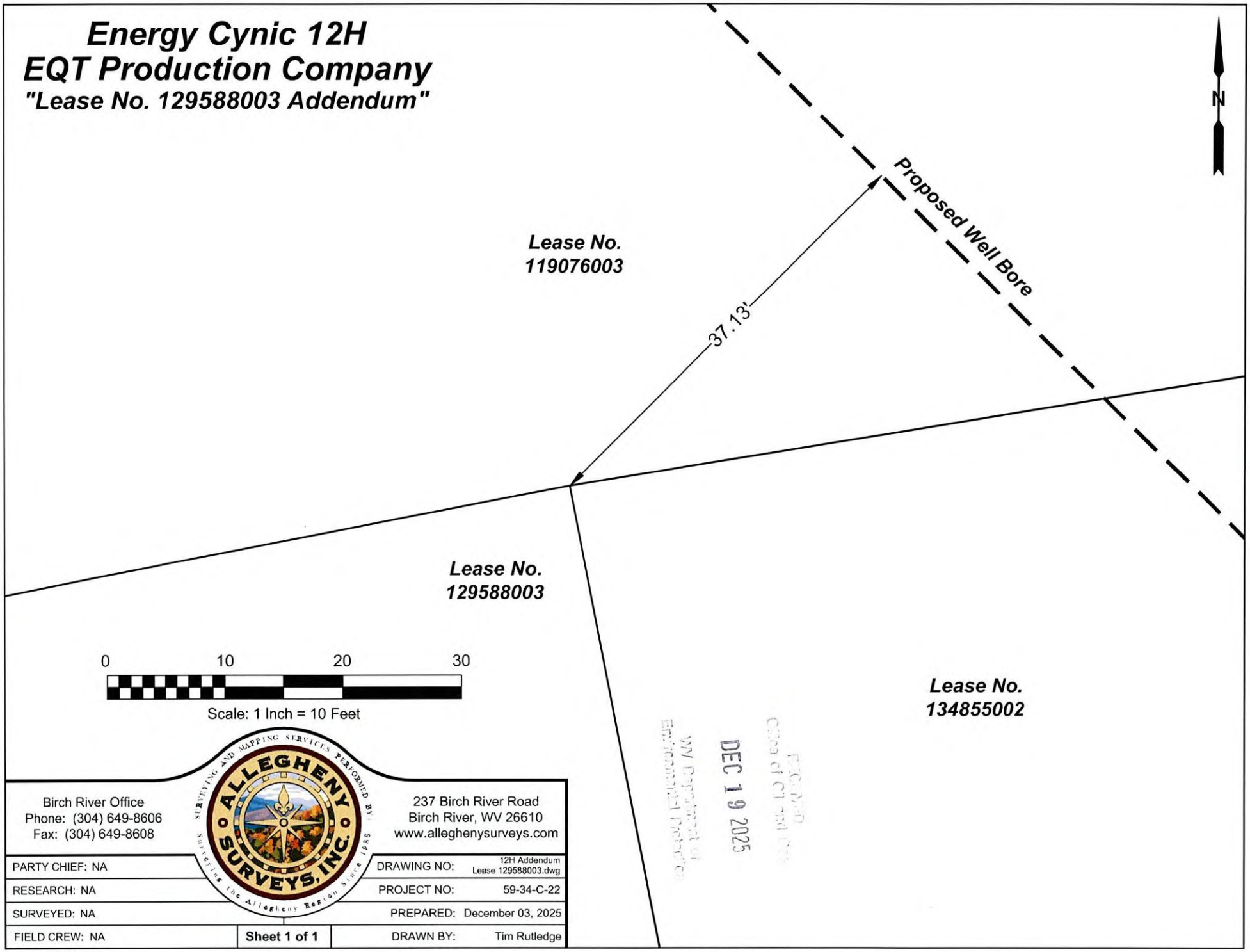
Energy Cynic 12H
EQT Production Company
"Lease No. 129588003 Addendum"



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Birch River Office
Phone: (304) 649-8606
Fax: (304) 649-8608

ALLEGHENY SURVEYS, INC.
Surveying and Mapping Services Performed by: Surveying the Allegheny Region Since 1988

237 Birch River Road
Birch River, WV 26610
www.alleghenysurveys.com

PARTY CHIEF: NA		DRAWING NO:	12H Addendum Lease 129588003.dwg
RESEARCH: NA		PROJECT NO:	59-34-C-22
SURVEYED: NA		PREPARED:	December 03, 2025
FIELD CREW: NA	Sheet 1 of 1	DRAWN BY:	Tim Rutledge