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JUL 16 2025

WV Department of
Environmental Protection

Well Operator's Report of Well Work



Well Number: Breckenridge 24HM

API: 47 - 051 - 02431

Submission: ☒ Initial ☐ Amended

Notes: WR-35 & WR-34 Attached.

Flowback data included.

Frac Focus Attached.

10/03/2025

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 - 02431 County Marshall District Cameron
Quad Glen Easton Pad Name BRECKENRIDGE Field/Pool Name N/A
Farm name CNX LAND LLC Well Number Breckenridge 24HM (L027702)
Operator (as registered with the OOG) EQT Production Company
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 4,408,989.75 Easting 531,929.92
Landing Point of Curve Northing 4,407,837.4 Easting 533,249.6
Bottom Hole Northing 4,405,843.6 Easting 533,991.6

Elevation (ft) 1370' 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)

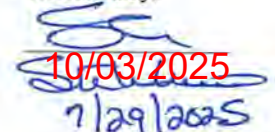
Synthetic Oil Based Mud 13.44 ppg barium sulfate, sodium chloride, xanthan gum, polyanionic cellulose, modified starch, sodium hydroxide, phosphonates and alkyl phosphates, glutaraldehyde solution, calcium hydroxide, partially hydrolyzed polyacrylamide/polyacrylate, potassium chloride, sodium carbonate, ground walnut shells, alcohol and modified fatty acid, ferrochrome lignosulfonate, calcium carbonate, fibrous cellulose

Date permit issued 01/21/2022 Date drilling commenced 04/21/2022 Date drilling ceased 11/28/2024
Date completion activities began 02/27/2025 Date completion activities ceased 04/18/2025
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 1025' Open mine(s) (Y/N) depths N
Salt water depth(s) ft N/A Void(s) encountered (Y/N) depths N
Coal depth(s) ft 765, 952', 1037' Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) Y

Reviewed by:


10/03/2025
7/29/2025

API 47-051 - 02431

Farm name CNX LAND LLC

Well number Breckenridge 24HM (L027702)

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	38"	30"	107'	NEW	BW	N/A	Y
Surface	17-1/2"	13-3/8"	1149'	NEW	J-55 54.5#	N/A	Y
Coal							
Intermediate 1	12-1/4"	9-5/8"	2613'	NEW	J-55 36#	N/A	Y
Intermediate 2							
Intermediate 3							
Production	8-3/4", 8-1/2"	6"	17,213'	NEW	P-110 24#	N/A	N
Tubing							
Packer type and depth set							

Comment Details

Production cmt has calculated TOC of 1561'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	350 (CALCULATED)		1.2	420	0	8+
Surface	CLASS A	1202	15.6	1.18	1418	0	8
Coal							
Intermediate 1	CLASS L	980	15.6	1.13	1107	0	8
Intermediate 2							
Intermediate 3							
Production	CLASS A	2650	15.0	1.19	3153	1561'	8+
Tubing							

Drillers TD (ft) 17,227'

Loggers TD (ft) N/A

Deepest formation penetrated MARCELLUS

Plug back to (ft) 2900'

Plug back procedure BHKA Plug: Run 3.5# fiberglass tubing to 555.7'. Fill lines with 5 bbl freshwater. P/T lines to 3,000 psi.

Mix and pump 39 bbl 14.5 ppg tuned spacer, 47 bbl (286 sks) 17 ppg DenseCem 0.944 yield. Pump 1 bbl DenseCem cement, 6 bbl tuned prime spacer.

Pump 44.5 bbl 13.5 ppg OBM. Land dart and pressure up to 2,300 psi and shear off BHKA. Top of BHKA 2966'.

Kick off depth (ft) 1651'

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 6612', EVERY JOINT TO 49'

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WAS WELL COMPLETED AS SHOT HOLE ☐ Yes ☒ No DETAILS

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WAS WELL COMPLETED OPEN HOLE? ☐ Yes ☒ No DETAILS

WERE TRACERS USED ☐ Yes ☒ No TYPE OF TRACER(S) USED

10/03/2025

API 47-051 - 02431 Farm name CNX LAND LLC Well number Breckenridge 24HM (L027702)

[illegible]

Please insert additional pages as applicable.

Complete a separate record for each stimulation stage.

[illegible]

Please insert additional pages as applicable.

10/03/2025

API 47- 051 - 02431 Farm name CNX LAND LLC Well number Breckenridge 24HM (L027702)

Drilling Contractor Falcon (Rig 24 & 25)
Address 1120 US-119 City Indiana State PA Zip 15701

Logging Company NZone Guidance
Address PO Box 1706 City Liberty Hill State TX Zip 78642-1706

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

Cementing Company Nextier Completion Solutions, Inc
Address 3990 Rogerdale Road City Houston State TX Zip 77042

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Well # BRECKENRIDGE 24HM Final Formations API# 47-051-02431				
Formation Name	Drill Top MD (ftGRD)	Drill Top (TVD) (ftGRD)	Drill Btm MD (ftGRD)	Drill Btm (TVD) (ftGRD)
Sand/Shale	1	1	765	765
Waynesburg	765	765	771	771
Sand/Shale	771	771	952	952
Sewickley	952	952	955	955
Sand/Shale	955	955	1,037	1,037
Pittsburgh	1,037	1,037	1,043	1,043
Sand/Shale	1,043	1,043	2,336	2,330
Big Lime	2,336	2,330	2,590	2,575
Big Injun	2,590	2,575	2,645	2,628
Sand/Shale	2,645	2,628	2,920	2,886
Berea	2,920	2,886	3,336	3,263
Sand/Shale	3,336	3,263	3,338	3,265
Gordon	3,338	3,265	3,400	3,318
Sand/Shale	3,400	3,318	3,415	3,331
50F	3,415	3,331	3,533	3,430
Bayard	3,533	3,430	5,709	5,170
Alexander	5,709	5,170	6,152	5,523
Elks	6,152	5,523	8,746	6,696
Sonyea	8,746	6,696	9,081	6,809
Middlesex	9,081	6,809	9,179	6,843
Genesee	9,179	6,843	9,356	6,903
Geneseo	9,356	6,903	9,424	6,926
Tully	9,424	6,926	9,501	6,953
Hamilton	9,501	6,953	9,867	7,063
Marcellus	9,867	7,063	17,227	7,173

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T.H. LATITUDE 39°50'00"
B.H. LATITUDE 39°50'00"

BRECKENRIDGE S LEASE
WELL 24HM
EQT PRODUCTION CO.

TAG	STOCK OWNER	PARCEL	ACRES
A	CNX LAND, LLC	3-19-0	33.23
B	CNX LAND, LLC	3-18-1	30
C	KEVIN R. EVANS	3-18-2	63.89
D	AEP WEST VIRGINIA TRANSMISSION COMPANY, INC.	3-18-0	10.175
E	MARY J. HURRIS TOB	3-18-0	30.33
F	MARY KAY HUBBS COLLINS & OLIVIA SUZANNE HUBBS	100-2-005	100-25-37
G	MARY KAY HUBBS COLLINS & OLIVIA SUZANNE HUBBS	100-2-008	100-25-72
H	MARY KAY HUBBS COLLINS & OLIVIA SUZANNE HUBBS	3-18-14	21.52
I	MARY KAY HUBBS COLLINS & OLIVIA SUZANNE HUBBS	7-2-1	65.70
J	MARY KAY HUBBS COLLINS & OLIVIA SUZANNE HUBBS	7-1-14	51.67
K	BUCKLE GENE FRYE	7-2-3	37.8578
L	BEVERLY MAJE DAVIS	7-2-4	58.08
M	ANTHONY SKRYTEK	7-2-5	20.915
N	JEAN JAMISON	7-2-6	97.800

(S.P.C. NORTH ZONE) (UTM(M) ZONE 17)			
NAD'83 S.P.C. (FT)	N. 486,524.72	E. 1,652,040.63	
NAD'83 GEO.	LAT-(N) 39 830306	LONG-(W) 80 628659	
NAD'83 UTM (M)	N. 4,408,089.75	E. 531,929.92	
<u>LANDING POINT</u>			
NAD'83 S.P.C. (FT)	N. 482,856.9	E. 1,656,186.5	
NAD'83 GEO.	LAT-(N) 39 820380	LONG-(W) 80 611936	
NAD'83 UTM (M)	N. 4,407,893.4	E. 533,211.7	
<u>BOTTOM HOLE</u>			
NAD'83 S.P.C. (FT)	N. 476,080.8	E. 1,658,623.8	
NAD'83 GEO.	LAT-(N) 39 801860	LONG-(W) 80 802964	
NAD'83 UTM (M)	N. 4,405,841.4	E. 533,988.7	

T.H. LONGITUDE 80°37'30"
B.H. LONGITUDE 80°35'00"

AS DRILLED COORDINATES
FOR WELL NO. S-24NM

(S.P.C. NORTH ZONE) (UTM) ZONE 17			
NAD83 S.P.C.(T)	N 405 554 77	E 3 955 080.83	
NAD83 GEO	N 405 554 77	E 3 955 080.83	
NAD83 UTM (M)	N 4 057 897.4	E 3 957 529.52	
(NORTH ZONE)			
NAD83 S.P.C.(T)	N 405 554 77	E 1 018 186.5	
NAD83 GEO	N 405 554 77	E 1 018 186.5	
NAD83 UTM (M)	N 4 057 897.4	E 3 957 529.52	
(SOUTH ZONE)			
NAD83 S.P.C.(T)	N 470 097.5	E 1 018 033.3	
NAD83 GEO	N 470 097.5	E 1 018 033.3	
NAD83 UTM (M)	N 4 405 343.5	E 3 933 991.7	

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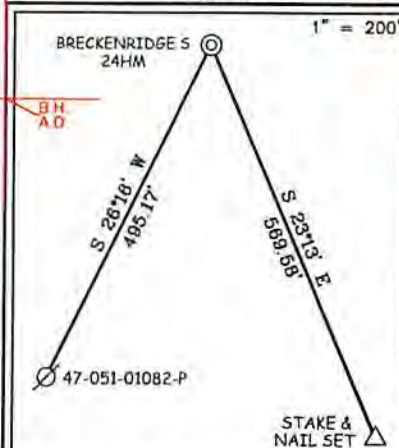
LINE	BEARING	DISTANCE
L1	S 49°03' E	2324.46'
L2	S 48°36' E	2350.29'
L3	S 29°00' E	689.82'
L4	S 18°30' E	6120.29'

CURVE	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING
C1	178.71'	120.26'	118.00'	S 36°34' E
C2	5917.84'	99.75'	99.75'	S 59°52' E
C3	2653.31'	353.80'	353.64'	S 53°32' E
C4	878.49'	301.42'	298.94'	S 38°29' E
C5	2369.69'	402.99'	402.51'	N 23°34' W



NOTES ON SURVEY

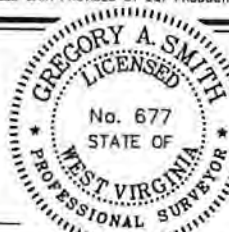
1. NO WATER WELLS WERE FOUND WITHIN 250' OF PROPOSED GAS WELL. NO AGRICULTURAL BUILDINGS > 2500 SQ. FT. WERE FOUND WITHIN 825' OF THE CENTER OF PROPOSED WELL PAD.
2. SEE REFERENCES FOR DWELLINGS LOCATED WITHIN 825' OF THE CENTER OF PROPOSED WELL PAD.
3. PLAT UPDATED TO SHOW AS-DRILLED PATH. AS-DRILLED DATA PROVIDED BY EQT PRODUCTION CO.



I THE UNDERSIGNED, HEREBY CERTIFY THAT
THIS PLAN 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 DIVISION OF ENVIRONMENTAL PROTECTION

P.S.
677

Gregory A Smith



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

DATE JUNE 24 20 24

REVISÉ DECEMBER 10 20 24

OPERATORS WELL NO. BRECKENRIDGE S-24HM

API
WELL
NO. 47 — 051 — 02431
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 9026EQT-P24HMR5 AD.dwg

HORIZONTAL & VERTICAL SCALE 1" = 2000'
CONTROL DETERMINED BY: DGPS (SURVEY GRADE TIE TO CORS NETWORK)

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



WELL TYPE: OIL _____ GAS X LIQUID INJECTION _____ WASTE DISPOSAL _____ IF "GAS" PRODUCTION X STORAGE _____ DEEP _____ SHALLOW X

LOCATION : ELEVATION 1,370.61' WATERSHED GRAVE CREEK (HUC 10) & LAUREL RUN

DISTRICT	CAMERON	COUNTY	MARSHALL	QUADRANGLE	GLEN EASTON 7.5'
----------	---------	--------	----------	------------	------------------

SURFACE OWNER	CNX LAND LLC	ACREAGE	53.25+
---------------	--------------	---------	--------

ROYALTY OWNER	COUNTRY ROADS MINERALS, LLC, ET AL	ACREAGE	53.26+
---------------	------------------------------------	---------	--------

PROPOSED WORK :	ACREAGE	SEE PAGE
	LEASE NO.	SEE WAM 6A1

DRILL X CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE X PLUG OFF OLD

FORMATION _____ PERFORATE NEW FORMATION _____ PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____ OTHER _____

PHYSICAL CHANGE IN WELL (SPECIFY) _____	TARGET FORMATION _____	MARCELLUS
_____	ESTIMATED DEPTH _____	TVD: 6,977' / TMD: 17,119'

WELL OPERATOR: EOT PRODUCTION COMPANY

ADDRESS 400 WOODCLIFF DRIVE
CANDENSBURG PA 15317

DESIGNATED AGENT JOSEPH C. MALLOW

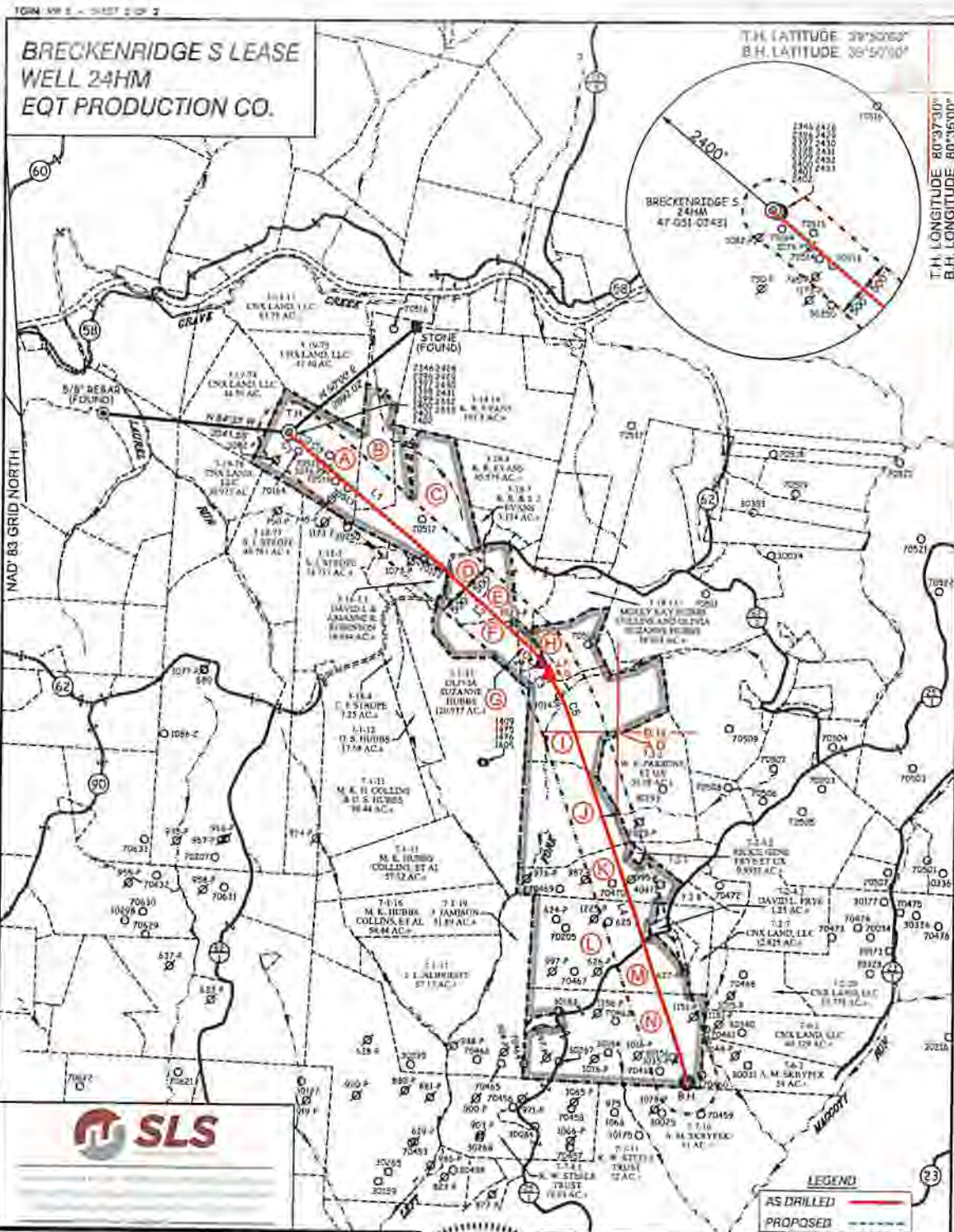
ADDRESS 427 MIDSTATE DRIVE
CLARKSBURG WV 26301

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(S.P.C. NORTH ZONE) (UTM(M) ZONE 17)
NAD83 S.P.C. (FT) N. 486,524.72 E. 1,627,040.43
NAD83 GUD. LAT. (N) 39.830306 LONG. (W) 80.626839
NAD83 UTM (M) N. 4,101,969.75 E. 521,329.93
LANDING POINT
NAD83 S.P.C. (FT) N. 482,854.3 E. 1,188,181.5
NAD83 GUD. LAT. (N) 39.852380 LONG. (W) 80.611106
NAD83 UTM (M) N. 4,107,393.4 E. 533,311.7
BOTTOM HOLE
NAD83 S.P.C. (FT) N. 475,983.5 E. 1,189,103.8
NAD83 GUD. LAT. (N) 39.801982 LONG. (W) 80.629611
NAD83 UTM (M) N. 4,105,841.1 E. 523,888.7

GREGORY A. SMITH
LICENSED
No. 677
STATE OF
WEST VIRGINIA
PROFESSIONAL SURVEYOR

(*) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
P.S. 677 *Gregory A. Smith*

SCALE 1" = 2000' FILE NO. 80286/QT/24HMTS AD.dwg
DATE JUNE 24 20 24
REVISED DECEMBER 10 20 24
OPERATORS WELL NO. BRECKENRIDGE S-24HM
API WELL 47-051-02431
NO STATE COUNTY PERMIT

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

LEGEND
LEASE LINE
SURFACE LINE
WELL LATERAL
OFFSET LINE
TIE LINE
CREEK
ROAD
COUNTY ROUTE
PROPOSED WELL
EXISTING WELL
PERMITTED WELL
TAX MAP-PARCEL
SURFACE OWNER (SEE TABLE)
LEASE # (SEE 44-5A1)

WELL OPERATOR EQT PRODUCTION COMPANY
ADDRESS 950 WOODCLIFF DRIVE
DANVERS, PA 15317
DESIGNATED AGENT JEFFREY E. MALLON
ADDRESS 400 MIDCOTE DRIVE
CLARKSBURG WV 26301

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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	02/27/2025	17116	16964	36	Marcellus
3	02/27/2025	16935	16783	36	Marcellus
4	02/28/2025	16753	16601	36	Marcellus
5	02/28/2025	16572	16420	36	Marcellus
6	03/01/2025	16391	16239	36	Marcellus
7	03/01/2025	16210	16058	36	Marcellus
8	03/07/2025	16029	15877	36	Marcellus
9	03/10/2025	15847	15695	36	Marcellus
10	03/10/2025	15666	15514	36	Marcellus
11	03/10/2025	15485	15333	36	Marcellus
12	03/11/2025	15304	15152	36	Marcellus
13	03/11/2025	15123	14971	36	Marcellus
14	03/11/2025	14941	14789	36	Marcellus
15	03/12/2025	14760	14608	36	Marcellus
16	03/12/2025	14579	14427	36	Marcellus
17	03/12/2025	14398	14246	36	Marcellus
18	03/13/2025	14217	14065	36	Marcellus
19	03/13/2025	14035	13883	36	Marcellus
20	03/13/2025	13854	13702	36	Marcellus
21	03/14/2025	13673	13521	36	Marcellus
22	03/14/2025	13492	13340	36	Marcellus
23	03/14/2025	13311	13159	36	Marcellus
24	03/14/2025	13129	12977	36	Marcellus
25	03/15/2025	12948	12796	36	Marcellus
26	03/15/2025	12767	12615	36	Marcellus
27	03/15/2025	12586	12434	36	Marcellus
28	03/15/2025	12405	12253	36	Marcellus
29	03/16/2025	12223	12071	36	Marcellus
30	03/18/2025	12042	11890	36	Marcellus
31	03/18/2025	11861	11709	36	Marcellus
32	03/19/2025	11680	11528	36	Marcellus
33	03/19/2025	11499	11347	36	Marcellus
34	03/19/2025	11317	11165	36	Marcellus
35	03/19/2025	11136	10984	36	Marcellus
36	03/20/2025	10955	10803	36	Marcellus
37	03/20/2025	10774	10622	36	Marcellus
38	03/20/2025	10593	10441	36	Marcellus
39	03/20/2025	10411	10259	36	Marcellus
40	03/20/2025	10230	10078	36	Marcellus
41	03/21/2025	10049	9897	36	Marcellus

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Stimulation Data

10/03/2025

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	02/27/2025	94	9163	9408	4753	176110	3915	
2	02/27/2025	99	9006	6130	4465	450165	9124	
3	02/28/2025	87	9067	6170	4049	450476	9175	
4	02/28/2025	92	8923	5712	5169	450261	9158	
5	03/01/2025	95	8889	5756	5160	450026	10964	
6	03/01/2025	96	8891	5540	4376	450086	9182	
7	03/07/2025	98	8759	6066	4138	449915	9129	
8	03/10/2025	90	8899	5976	4247	449941	9181	
9	03/10/2025	89	8314	6031	4113	449980	8970	
10	03/11/2025	92	8912	6571	4009	449881	8981	
11	03/11/2025	90	8673	5689	4368	450002	9104	
12	03/11/2025	82	8939	5706	4329	450113	10615	
13	03/12/2025	97	8756	5942	4160	450019	9151	
14	03/12/2025	99	8626	5631	4591	450410	9124	
15	03/12/2025	96	8568	5813	6462	449979	9124	
16	03/12/2025	96	8833	6253	4344	450106	9111	
17	03/13/2025	96	8643	5868	4668	450066	9091	
18	03/13/2025	96	8379	6441	4484	450262	9075	
19	03/13/2025	97	8805	5682	4366	450067	9051	
20	03/14/2025	82	8814	6460	4046	450044	9060	
21	03/14/2025	93	8396	6310	3988	450098	8892	
22	03/14/2025	96	8507	5797	4157	449894	9026	
23	03/14/2025	98	8484	5612	4350	450067	8890	
24	03/15/2025	98	8476	5686	6014	449995	9017	
25	03/15/2025	69	8665	6275	5080	360011	13833	
26	03/15/2025	98	8702	5691	4821	450066	8909	
27	03/16/2025	82	8714	6053	7045	449746	11176	
28	03/16/2025	96	7959	8630	4280	450066	8967	
29	03/17/2025	89	7760	6138	5001	298450	26401	
30	03/19/2025	97	8046	5428	4366	449951	9213	
31	03/19/2025	93	8401	5642	4589	450175	8936	
32	03/19/2025	87	8724	5591	4330	450119	8932	
33	03/19/2025	97	8502	5678	4938	449917	8988	
34	03/19/2025	97	7727	5408	5312	449970	8988	
35	03/20/2025	95	8271	5635	5075	449885	8972	
36	03/20/2025	98	7808	5603	4660	450098	8982	
37	03/20/2025	98	7679	5814	4553	449861	8908	
38	03/20/2025	98	7784	6003	5144	450462	8881	
39	03/21/2025	98	7617	5500	5259	449881	8917	
40	03/21/2025	98	7602	5604	4812	450107	8938	
41	03/21/2025	98	8093	5962	4642	448599	8907	

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WV Department of
Environmental Protection

10/03/2025

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	02/27/2025
Job End Date:	03/21/2025
State:	West Virginia
County:	Marshall
API Number:	47-051-02431-00-00
Operator Name:	EQT Production
Well Name and Number:	Breckenridge S-24HM
Latitude:	39.830306
Longitude:	-80.62686
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	7201
Total Base Water Volume (gal)*:	16504236.0157666
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	88.31065	None
Sand (Proppant)	EQT	Proppant					
			Silica Substrate	14808-60-7	100.00000	11.50007	None
StimSTREAM FR 9800	ChemStream	Friction Reducer					
			ACRYLAMIDE-CHLORIDE SALT OF TRIMETHYLAMMONIO-ETHYL ACRYLATE COPOLYMER	69418-26-4	40.00000	0.01366	None
StimSTREAM FR 9800	ChemStream	Friction Reducer					
			ALKANES, C12-26-BRANCHED AND LINEAR	90622-53-0	40.00000	0.01366	None
Clearal 268	ChemStream	Biocide					
			Water	7732-18-5	80.00000	0.00868	None

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Enviro-Syn HCR-7000- WL	Fluid USA, Inc.	Synthetic Acid					
			FLUID-Acid-00001	Proprietary	20.00000	0.00325	None
StimSTREAM FR 9800	ChemStream	Friction Reducer					
			Water	7732-18-5	15.00000	0.00192	None
Enviro-Syn HCR-7000- WL	Fluid USA, Inc.	Synthetic Acid					
			FLUID-Amine-00001	Proprietary	10.00000	0.00081	None
Clearal 268	ChemStream	Biocide					
			Glutaraldehyde	111-30-8	20.00000	0.00054	None
StimSTREAM FR 9800	ChemStream	Friction Reducer					
			ETHOXYLATED ALCOHOLS (C12-16)	68551-12-2	5.00000	0.00021	None
StimSTREAM SC-398	ChemStream	Scale Inhibitor					
			AA/ATBS Co-polymer	9003-05-8	5.00000	0.00002	None
Clearal 268	ChemStream	Biocide					
			Quaternary Ammonium Compounds	68424-85-1	3.00000	0.00001	None
Clearal 268	ChemStream	Biocide					
			Didecyl dimethyl ammonium chloride	7173-51-5	3.00000	0.00001	None
Clearal 268	ChemStream	Biocide					
			Ethanol	64-17-5	1.50000	0.00000	None
StimSTREAM SC-398	ChemStream	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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BRECKENRIDGE S LEASE
WELL 24HM
EQT PRODUCTION CO.T.H. LATITUDE 39°50'00"
B.H. LATITUDE 39°50'00"T.H.
A.D.

(S.P.C. NORTH ZONE) (UTM(M) ZONE 17)

NAD'83 S.P.C.(FT) N. 486,524.72 E. 1,652,040.63
NAD'83 GEO. LAT-(N) 39.830306 LONG-(W) 80.626859
NAD'83 UTM (M) N. 4,408,989.75 E. 531,929.92

LANDING POINT

NAD'83 S.P.C.(FT) N. 482,856.9 E. 1,656,186.5
NAD'83 GEO. LAT-(N) 39.820380 LONG-(W) 80.611936
NAD'83 UTM (M) N. 4,407,893.4 E. 533,211.7

BOTTOM HOLE

NAD'83 S.P.C.(FT) N. 476,080.6 E. 1,658,623.8
NAD'83 GEO. LAT-(N) 39.801860 LONG-(W) 80.602964
NAD'83 UTM (M) N. 4,405,841.4 E. 533,988.7T.H. LONGITUDE 80°37'30"
B.H. LONGITUDE 80°35'00"1,103' T.H.
11,458' B.H.

TAG	SURFACE OWNER	PARCEL	ACRES
A	CNX LAND, LLC	3-19-76	53.25
B	CNX LAND, LLC	3-18-1	30
C	KEVIN R. EVANS	3-18-2	63.89
D	AEP WEST VIRGINIA TRANSMISSION COMPANY, INC.	3-18-6.1	10.175
E	MARY J. BURRIS TOD	3-18-6	36.33
F	MARY KAY HUBBS COLLINS & OLIVIA SUZANNE HUBBS	P/O 3-18-5	P/O 25.372
G	MARY KAY HUBBS COLLINS & OLIVIA SUZANNE HUBBS	P/O 3-18-5	P/O 25.372
H	MARY KAY HUBBS COLLINS & OLIVIA SUZANNE HUBBS	3-18-14	21.52
I	MARY KAY HUBBS COLLINS & OLIVIA SUZANNE HUBBS	7-2-1	65.70
J	MARY KAY HUBBS COLLINS & OLIVIA SUZANNE HUBBS	7-1-14	53.67
K	RICKIE GENE FRYE	7-2-3.1	37.8578
L	BEVERLY MAIE DAVIS	7-2-4	58.08
M	ANTHONY SKRYPEK	7-2-5	20.915
N	JEAN JAMISON	7-7-9.1	97.896

AS DRILLED COORDINATES
FOR WELL NO. S-24HM

(S.P.C. NORTH ZONE) (UTM(M) ZONE 17)

NAD'83 S.P.C.(FT) N. 486,524.72 E. 1,652,040.63
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NAD'83 UTM (M) N. 4,408,989.75 E. 531,929.92

LANDING POINT

NAD'83 S.P.C.(FT) N. 482,856.9 E. 1,656,186.5
NAD'83 GEO. LAT-(N) 39.819873 LONG-(W) 80.611496
NAD'83 UTM (M) N. 4,407,837.4 E. 533,249.6

BOTTOM HOLE

NAD'83 S.P.C.(FT) N. 476,080.6 E. 1,658,623.8
NAD'83 GEO. LAT-(N) 39.801880 LONG-(W) 80.602929
NAD'83 UTM (M) N. 4,405,843.6 E. 533,991.6

LINE	BEARING	DISTANCE
L1	S 49°03' E	2324.46'
L2	S 48°36' E	2350.29'
L3	S 29°00' E	689.82'
L4	S 18°30' E	6120.29'

CURVE	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING
C1	178.71'	120.26'	118.00'	S 36°34' E
C2	5917.84'	99.75'	99.75'	S 59°52' E
C3	2653.31'	353.80'	353.54'	S 53°32' E
C4	878.49'	301.42'	299.94'	S 38°29' E
C5	2389.69'	402.99'	402.51'	N 23°34' W

NOTES ON SURVEY

- NO WATER WELLS WERE FOUND WITHIN 250' OF PROPOSED GAS WELL. NO AGRICULTURAL BUILDINGS > 2500 SQ. FT. WERE FOUND WITHIN 625' OF THE CENTER OF PROPOSED WELL PAD.
- SEE REFERENCES FOR DWELLINGS LOCATED WITHIN 625' OF THE CENTER OF PROPOSED WELL PAD.
- PLAT UPDATED TO SHOW AS-DRILLED PATH. AS-DRILLED DATA PROVIDED BY EQT PRODUCTION CO.

12 Vanhorn Drive | P.O. Box 150 | Glenville, WV 26351 | 304.462.5634
1412 Kanawha Boulevard, East | Charleston, WV 25301 | 304.346.3952
254 East Beckley Bypass | Beckley, WV 25801 | 304.255.5296
slsvv.com

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 DIVISION OF ENVIRONMENTAL PROTECTION.

P.S.
677

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

DATE JUNE 24, 20 24

REVISED DECEMBER 10, 20 24

OPERATORS WELL NO. BRECKENRIDGE S-24HM

API WELL NO. 47 — 051 — 02431
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 9026EQT-P24HMR5 AD.dwg

HORIZONTAL & VERTICAL CONTROL DETERMINED BY: DGPS (SURVEY GRADE TIE TO CORS NETWORK) SCALE 1" = 2000'

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

WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION X STORAGE DEEP SHALLOW X

LOCATION :

ELEVATION 1,370.61' WATERSHED GRAVE CREEK (HUC 10) & LAUREL RUN

DISTRICT CAMERON COUNTY MARSHALL QUADRANGLE GLEN EASTON 7.5'

SURFACE OWNER CNX LAND LLC ACREAGE 53.25±

ROYALTY OWNER COUNTRY ROADS MINERALS, LLC, ET AL ACREAGE 10/03/2025

PROPOSED WORK : LEASE NO. SEE WW-6A1

DRILL X CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE X PLUG OFF OLD

FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER

PHYSICAL CHANGE IN WELL (SPECIFY) TARGET FORMATION MARCELLUS

ESTIMATED DEPTH TVD: 6,977' / TMD: 17,119'

WELL OPERATOR EQT PRODUCTION COMPANY

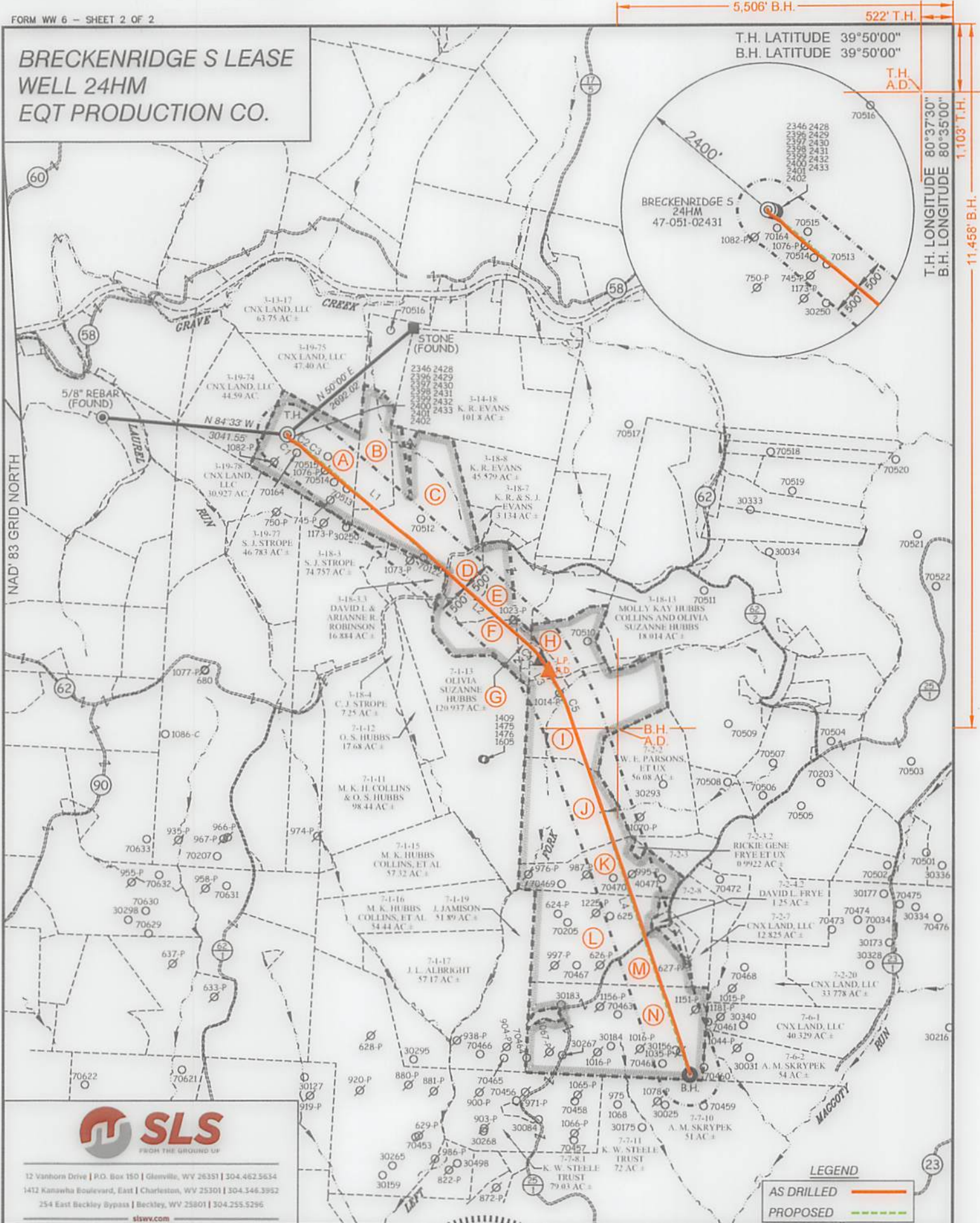
DESIGNATED AGENT JOSEPH C. MALLOW

ADDRESS 400 WOODCLIFF DRIVE
CANONSBURG, PA 15317ADDRESS 427 MIDSTATE DRIVE
CLARKSBURG, WV 26301

COUNTY NAME

PERMIT

BRECKENRIDGE S LEASE
WELL 24HM
EQT PRODUCTION CO.



12 Vanhorn Drive | P.O. Box 150 | Glenville, WV 26351 | 304.462.5634
1412 Kanawha Boulevard, East | Charleston, WV 25301 | 304.346.3952
254 East Beckley Bypass | Beckley, WV 25801 | 304.255.5296
slswv.com

(S.P.C. NORTH ZONE) (UTM(M) ZONE 17)		
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NAD'83 UTM (M)	N. 4,405,841.4	E. 533,988.7



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

P.S. 677 *Gregory A. Smith*

SCALE 1" = 2000' FILE NO. 9026EQT-P24HMR5 AD.dwg

DATE JUNE 24, 2024
REVISED DECEMBER 10, 2024

OPERATORS WELL NO. BRECKENRIDGE S-24HM
API WELL NO. 47-051-02431
STATE COUNTY PERMIT

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

LEGEND	
LEASE LINE	---
SURFACE LINE	---
WELL LATERAL	---
OFFSET LINE	---
TIE LINE	---
CREEK	---
ROAD	---
COUNTY ROUTE	---
PROPOSED WELL	○
EXISTING WELL	●
PERMITTED WELL	○
TAX MAP-PARCEL	---
SURFACE OWNER (SEE TABLE)	---
LEASE # (SEE WW-6A1)	---

WELL OPERATOR	EQT PRODUCTION COMPANY	DESIGNATED AGENT	JOSEPH C. MALLOW
ADDRESS	400 WOODCLIFF DRIVE CANONSBURG, PA 15317	ADDRESS	427 MIDSTATE DRIVE CLARKSBURG, WV 26301

COUNTY NAME
PERMIT