

State of West Virginia
Department of Environmental Protection - Office of Oil and Gas
Well Operator's Report of Well Work

RECEIVED
Office of Oil and Gas

DEC 23 2024

WV Department of
Environmental Protection

API 47-051-02248 County Marshall District Meade
Quad Glen Easton 7.5' Pad Name HUDSON Field/Pool Name N/A
Farm name CNX LAND, LLC Well Number Hudson S-1HM (L018032)
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 4,408,803.56 Easting 528,007.04
Landing Point of Curve Northing 4,409,092.6 Easting 527,333.9
Bottom Hole Northing 4,405,774.9 Easting 529,291.4

Elevation (ft) 1346' 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 13.92 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 11/04/2019 Date drilling commenced 03/18/2021 Date drilling ceased 03/20/2024
Date completion activities began 07/21/2024 Date completion activities ceased 09/26/2024
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 77', 572', 622', 766', 916', 976' Open mine(s) (Y/N) depths N
Salt water depth(s) ft 1736', 1887', 2076' Void(s) encountered (Y/N) depths N
Coal depth(s) ft 888', 970' Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

Reviewed by:

02/21/2025

API 47-051 - 02249 Farm name CNX LAND, LLC Well number Hudson S-1HM (L018032)

CASING STRINGS	Hole Size	Casing Size	Depth (GL)	New or Used	Grade wt/ft	Basket Depth(s) (GL)	Did cement circulate (Y/N) * Provide details below*
Conductor	38"	30"	120'	NEW	118.65#	N/A	Y
Surface	17-1/2"	13-3/8"	1071'	NEW	J-55 54.5#	N/A	Y
Coal							
Intermediate 1	12-1/4"	9-5/8"	1467'	NEW	J-55 36#	N/A	Y
Intermediate 2							
Intermediate 3							
Production	8-3/4", 8-1/2"	6"	20,793'	NEW	P-110 24#	N/A	N
Tubing							
Packer type and depth set							

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Comment Details Production Cement job has a calculated TOC of 1054' GL, which is greater than 500' TVD above the producing formation. No issues during cement job.

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CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft ³ /sks)	Volume (ft ³)	WV Cement Top (GL)	WOC (hrs)
Conductor	CLASS A	431	15.6	1.21	521	0	8+
Surface	CLASS A	1168	15.6	1.18	1378	0	8
Coal							
Intermediate 1	HALCEM	496	15.6	1.12	555	0	8
Intermediate 2							
Intermediate 3							
Production	CLASS A	3810	15.0	1.18	4496	1054'	8+
Tubing							

Drillers TD (ft) 20,807' Loggers TD (ft) N/A
 Deepest formation penetrated MARCELLUS Plug back to (ft) N/A
 Plug back procedure _____

Kick off depth (ft) 1268'

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 8090' AND EVERY JOINT TO 49'

WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS _____

WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS _____

WERE TRACERS USED Yes No TYPE OF TRACER(S) USED _____

02/21/2025

API 47- 051 - 02249

Farm name CNX LAND, LLC

Well number Hudson S-1HM (L018032)

PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
	See Attached				

Please insert additional pages as applicable.

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STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

Stage No.	Stimulations 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)
			See Attached					

Please insert additional pages as applicable.

02/21/2025

API 47- 051 - 02249 Farm name CNX LAND, LLC Well number Hudson S-1HM (L018032)

PRODUCING FORMATION(S)	DEPTHS
Marcellus	6,707-6,978 TVD 7,831-20,807 MD

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

SHUT-IN PRESSURE Surface 3158 psi Bottom Hole _____ psi DURATION OF TEST 24 hrs

OPEN FLOW Gas 6322 mcfpd Oil 0 bpd NGL 244 bpd Water 434 bpd GAS MEASURED BY Estimated Orifice Pilot

LITHOLOGY/ FORMATION	TOP DEPTH IN FT NAME TVD	BOTTOM DEPTH IN FT TVD	TOP DEPTH IN FT MD	BOTTOM DEPTH IN FT MD	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H ₂ S, ETC)
	0		0		

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Please insert additional pages as applicable.

Drilling Contractor Patterson UTI (294)
 Address 207 Carlton Drive City Eighty Four State PA Zip 15330

Logging Company Baker Hughes
 Address 400 Technology Dr Suite 100 City Canonsburg State PA Zip 15317

Cementing Company Halliburton
 Address 121 Champion Way Suite 110 City Canonsburg State PA Zip 15317

Cementing Company Lightning Energy Services
 Address 603 US Hwy 19 N. City Weston State WV Zip 26452

Please insert additional pages as applicable.

Completed by Jacob Caplan Telephone 412-215-2723
Signature [Signature] Title Mgr Completions Engr Date 2024-12-16

API 47- 051 - 02249 Farm name CNX LAND, LLC Well number Hudson S-1HM (L018032)

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

Logging Company Nzone Guidance
Address 104 Falon Lane City Liberty Hill State TX Zip 78642

Logging Company _____
Address _____ City _____ State _____ Zip _____

Drilling Contractor _____
Address _____ City _____ State _____ Zip _____

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Well # HUDSON S-1HM (L018032) Final Formations API# 47-051-02248				
Formation Name	Drill Top MD (ftGRD)	Drill Top (TVD) (ftGRD)	Drill Btm MD (ftGRD)	Drill Btm (TVD) (ftGRD)
Sand/Shale	1	1	888	888
Sewickley Coal	888	888	891	891
Sand/Shale	891	891	970	970
Pittsburgh Coal	970	970	977	977
Sand/Shale	977	977	2,049	2,032
Big Lime	2,049	2,032	2,303	2,272
Big Injun	2,303	2,272	2,359	2,324
Sand/Shale	2,359	2,324	2,633	2,577
Berea	2,633	2,577	3,070	2,948
Sand/Shale	3,070	2,948	3,128	2,994
Gordon	3,128	2,994	3,197	3,047
Sand/Shale	3,197	3,047	3,338	3,157
Bayard	3,338	3,157	3,618	3,376
Sand/Shale	3,618	3,376	5,460	4,836
Alexander	5,460	4,836	5,908	5,185
Elks	5,908	5,185	7,333	6,387
Sonyea	7,333	6,387	7,452	6,486
Middlesex	7,452	6,486	7,491	6,516
Genesee	7,491	6,516	7,566	6,569
Geneseo	7,566	6,569	7,598	6,590
Tully	7,598	6,590	7,648	6,620
Hamilton	7,648	6,620	7,831	6,707
Marcellus	7,831	6,707	20,807	6,978

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**HUDSON
WELL S-1HM
EQT PRODUCTION CO.**

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

T.H. LONGITUDE 80°40'00"
B.H. LONGITUDE 80°37'30"

MAP/PARCEL	ADJOINING SURFACE OWNER LIST	ACRES
9-8-1	CNX LAND CO. LLC	2.908
9-8-2	CNX LAND CO. LLC	6000 SQ. FT.
9-5-11.1	MARK H. FOX	2.619
9-5-11.2	LARRY WHETZEL, JR.	2.35
9-5-11.3	MARK H. FOX	1.95
9-5-12	LARRY WHETZEL, JR.	1
9-7-9	CNX LAND CO. LLC	2
9-7-10	DONALD M. & THERESA L. HARRIS	3
9-8-4	DONALD M. & THERESA L. HARRIS	3.183
9-8-13	LARRY L. CONKLE Sr., ET UX	24.03
9-8-13.1	LARRY L. CONKLE Sr., ET UX	1.66
9-8-13.2	TERESA M. & MICHAEL HUGHES	3.582
9-8-13.3	CASSANDRA A. & JAMES R. DOWNES	3.22
9-9-16.1	NAUVOO CEMETERY ASSOCIATION	0.126
9-9-17	NAUVOO CEMETERY ASSOCIATION	1
9-2-9.1	MARSHALL COUNTY COAL RESOURCES	1
9-3-1.2	MARSHALL COUNTY COAL RESOURCES	1

(S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)		
NAD'83 S.P.C.(FT)	N. 486,128.91	E. 1,639,157.58
NAD'83 GEO.	LAT-(N) 39.828767	LONG-(W) 80.672710
NAD'83 UTM (M)	N. 4,408,803.56	E. 528,007.04
LANDING POINT		
NAD'83 S.P.C.(FT)	N. 487,207.9	E. 1,636,912.4
NAD'83 GEO.	LAT-(N) 39.831648	LONG-(W) 80.680754
NAD'83 UTM (M)	N. 4,409,120.8	E. 527,317.5
BOTTOM HOLE		
NAD'83 S.P.C.(FT)	N. 476,117.2	E. 1,643,203.1
NAD'83 GEO.	LAT-(N) 39.801428	LONG-(W) 80.657847
NAD'83 UTM (M)	N. 4,405,774.0	E. 529,290.5

**AS DRILLED COORDINATES
FOR WELL NO. 1HM**

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

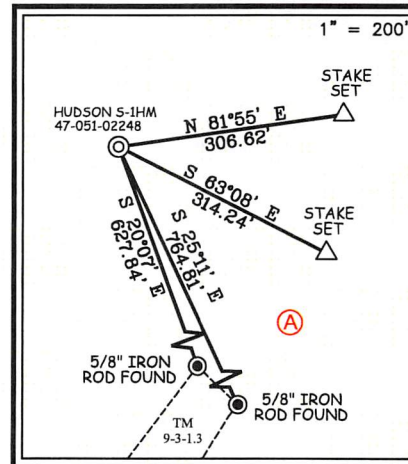
NAD'83 S.P.C.(FT)	N. 486,128.91	E. 1,639,157.28
NAD'83 GEO.	LAT-(N) 39.828767	LONG-(W) 80.672710
NAD'83 UTM (M)	N. 4,408,803.56	E. 528,007.04
LANDING POINT		
NAD'83 S.P.C.(FT)	N. 487,114.4	E. 1,636,964.4
NAD'83 GEO.	LAT-(N) 39.831393	LONG-(W) 80.680585
NAD'83 UTM (M)	N. 4,409,092.6	E. 527,333.9
BOTTOM HOLE		
NAD'83 S.P.C.(FT)	N. 476,119.9	E. 1,643,206.1
NAD'83 GEO.	LAT-(N) 39.801435	LONG-(W) 80.657837
NAD'83 UTM (M)	N. 4,405,774.9	E. 529,291.4

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REFERENCES



NOTES ON SURVEY

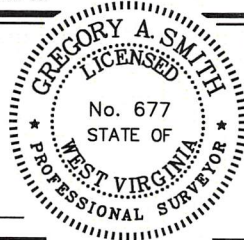
- NO WATER WELLS WERE FOUND WITHIN 250' OF PROPOSED GAS WELL. NO AGRICULTURAL BUILDINGS OR DWELLINGS > 2500 SQ. FT. WERE FOUND WITHIN 625' OF THE CENTER OF PROPOSED WELL PAD.
- WELL SPOT CIRCLE & TOPO MARK SCALE IS 1"=2000'.
- TAX MAP LOCATION FOR 9-5-9 & 9-5-10 IS INCORRECT. 9-5-9'S DEED CALLS FOR BEING A RESERVATION OF 20 ACRES LYING ON THE NORTHEAST SIDE OF ROAD. THEREFORE MAKING THE ACREAGE ASSESSMENT INCORRECT DUE TO THE OUT SALES OF 9-5-10.1 AND 9-5-10.2.
- WELL PLAT UPDATED TO SHOW AS-DRILLED PATH.
- AS-DRILLED INFORMATION PROVIDED BY EQT PRODUCTION CO.

SLS
FROM THE GROUND UP

12 Vanhorn Drive | P.O. Box 150 | Glenville, WV 26031 | 304.462.5634
 1412 Kanawha Boulevard, East | Charleston, WV 25301 | 304.346.3932
 254 East Beckley Bypass | Beckley, WV 25801 | 304.255.5286
 slsvw.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 Gregory A. Smith



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE APRIL 8, 20 24
 REVISED _____, 20 _____
 OPERATORS WELL NO. HUDSON S-1HM
 API WELL NO. 47 - 051 - 02248
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/2500 FILE NO. 8911-EQT-P1HMAD.dwg HUDSON S-1HM REV5
 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 1,346.26' WATERSHED GRAVE CREEK (HUC 10)
 DISTRICT MEADE COUNTY MARSHALL QUADRANGLE GLEN EASTON 7.5'
 SURFACE OWNER CNX LAND LLC ACREAGE 106.935±
 ROYALTY OWNER STONE HILL MINERALS HOLDINGS LLC, ET AL ACREAGE 106.935±
 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: 6,782' / TMD: 20,877'

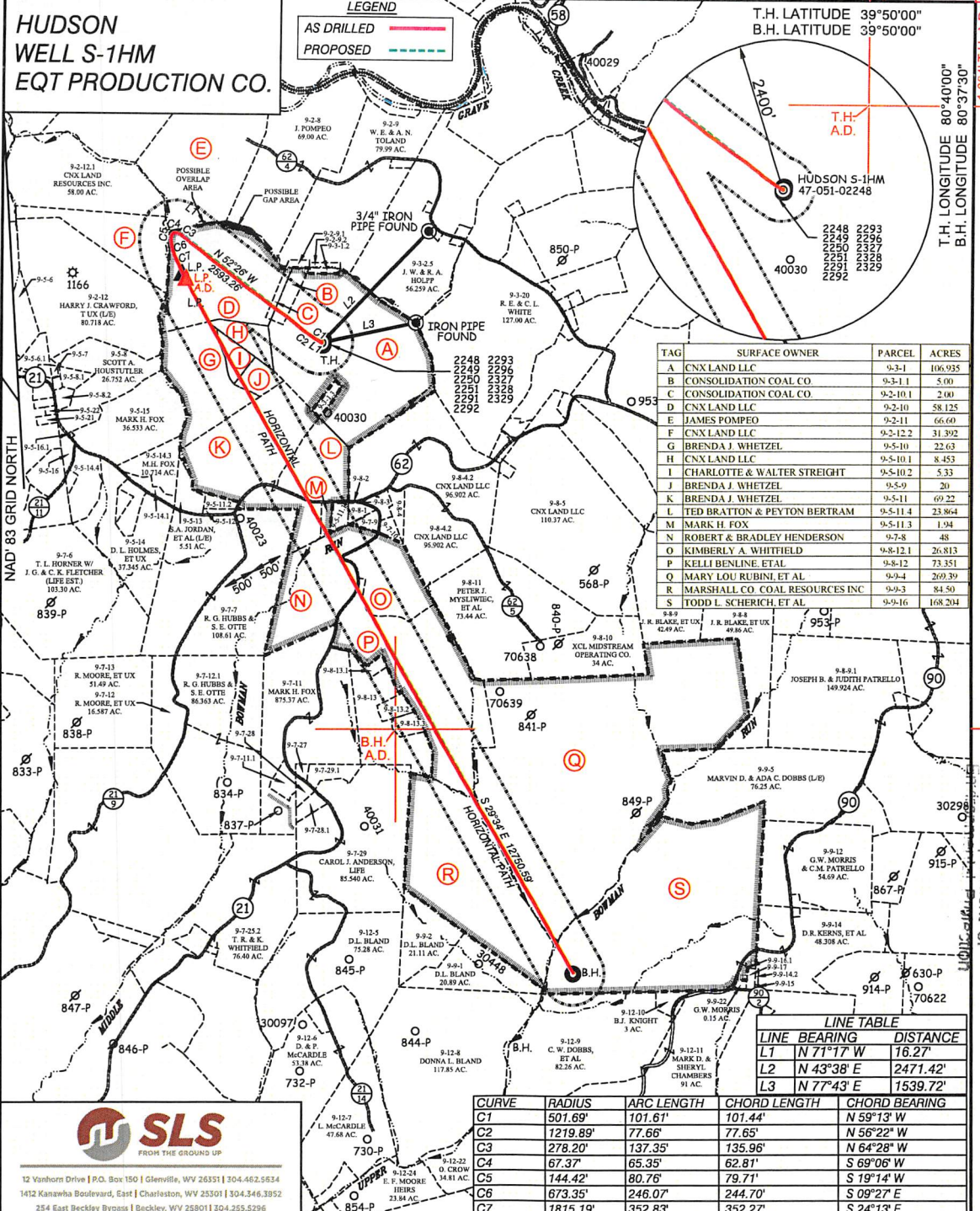
WELL OPERATOR EQT PRODUCTION COMPANY DESIGNATED AGENT JOSEPH C. MALLOW
 ADDRESS 400 WOODCLIFF DRIVE ADDRESS 427 MIDSTATE DRIVE
 CANONSBURG, PA 15317 CLARKSBURG, WV 26301

02/21/2025

**HUDSON
WELL S-1HM
EQT PRODUCTION CO.**

LEGEND

AS DRILLED	
PROPOSED	



TAG	SURFACE OWNER	PARCEL	ACRES
A	CNX LAND LLC	9-3-1	106.935
B	CONSOLIDATION COAL CO.	9-3-1-1	5.00
C	CONSOLIDATION COAL CO.	9-2-10-1	2.00
D	CNX LAND LLC	9-2-10	58.125
E	JAMES POMPEO	9-2-11	66.60
F	CNX LAND LLC	9-2-12-2	31.392
G	BRENDA J. WHETZEL	9-5-10	22.63
H	CNX LAND LLC	9-5-10-1	8.453
I	CHARLOTTE & WALTER STREIGHT	9-5-10-2	5.33
J	BRENDA J. WHETZEL	9-5-9	20.20
K	BRENDA J. WHETZEL	9-5-11	69.22
L	TED BRATTON & PEYTON BERTRAM	9-5-11-4	23.864
M	MARK H. FOX	9-5-11-3	1.94
N	ROBERT & BRADLEY HENDERSON	9-5-8	48
O	KIMBERLY A. WHITTEY	9-8-1-1	26.813
P	KELLI BENLINE ETAL	9-8-12	73.351
Q	MARY LOU RUBINI ET AL	9-9-1	269.29
R	MARSHALL CO. COAL RESOURCES INC	9-9-3	84.50
S	TODD L. SCHERICH, ET AL	9-9-16	108.204

LINE TABLE

LINE	BEARING	DISTANCE
L1	N 71°17' W	16.27'
L2	N 43°38' E	2471.42'
L3	N 77°43' E	1539.72'

CURVE	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING
C1	501.69'	101.61'	101.44'	N 59°13' W
C2	1219.89'	77.66'	77.65'	N 56°22' W
C3	278.20'	137.35'	135.96'	N 64°28' W
C4	67.37'	65.35'	62.81'	S 69°06' W
C5	144.42'	80.76'	79.71'	S 19°14' W
C6	673.35'	246.07'	244.70'	S 09°27' E
C7	1815.19'	352.83'	352.27'	S 24°13' E



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

P.S. *Gregory A. Smith*
 677

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)

SCALE 1" = 2000' FILE NO. 8911-EQT-P1HMAD.dwg
 DATE APRIL 8, 2024
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 OPERATORS WELL NO. HUDSON S-1HM
 API WELL 47-051-02248
 NO. STATE COUNTY PERMIT

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 DIVISION OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS

WELL OPERATOR EQT PRODUCTION COMPANY
 ADDRESS 400 WOODCLIFF DRIVE
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DESIGNATED AGENT JOSEPH C. MALLOW
 ADDRESS 427 MIDSTATE DRIVE
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T.H. LATITUDE 39°50'00" B.H. LATITUDE 39°50'00"

T.H. A.D. B.H. A.D.

T.H. LONGITUDE 80°40'00" B.H. LONGITUDE 80°37'30"

11,619' B.H. A.D.

Table with 3 columns: MAP/PARCEL, ADJOINING SURFACE OWNER LIST, ACRES. Lists adjacent land parcels and owners.

Table with 3 columns: (S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH), NAD'83 S.P.C.(FT), NAD'83 GEO., NAD'83 UTM (M). Includes LANDING POINT and BOTTOM HOLE coordinates.

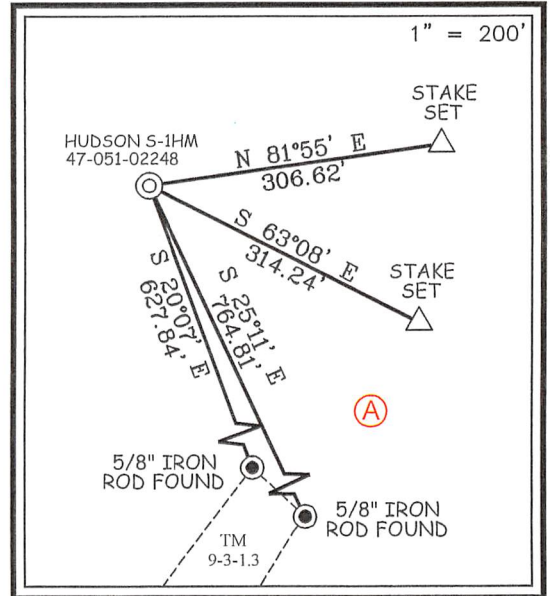
AS DRILLED COORDINATES FOR WELL NO. 1HM. Table with 3 columns: (S.P.C. NORTH ZONE) (UTM(M) ZONE 17), LANDING POINT, BOTTOM HOLE. Includes NAD'83 S.P.C.(FT), GEO., and UTM (M) coordinates.

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B.H. A.D.

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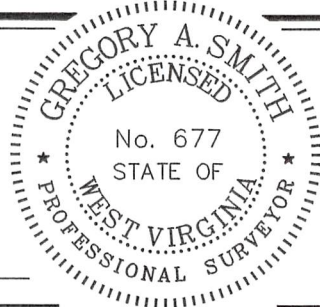
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4. WELL PLAT UPDATED TO SHOW AS-DRILLED PATH.
5. AS-DRILLED INFORMATION PROVIDED BY EQT PRODUCTION CO.



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

LOCATION: ELEVATION 1,346.26' WATERSHED GRAVE CREEK (HUC 10) DISTRICT MEADE COUNTY MARSHALL QUADRANGLE GLEN EASTON 7.5'

SURFACE OWNER CNX LAND LLC ACREAGE 106.935± ROYALTY OWNER STONE HILL MINERALS HOLDINGS LLC, ET AL ACREAGE 276.935±

PROPOSED WORK: DRILL X CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE X PLUG OFF OLD LEASE NO. SEE WW-6A1

FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER PHYSICAL CHANGE IN WELL (SPECIFY) TARGET FORMATION MARCELLUS ESTIMATED DEPTH TVD: 6,782' / TMD: 20,877'

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

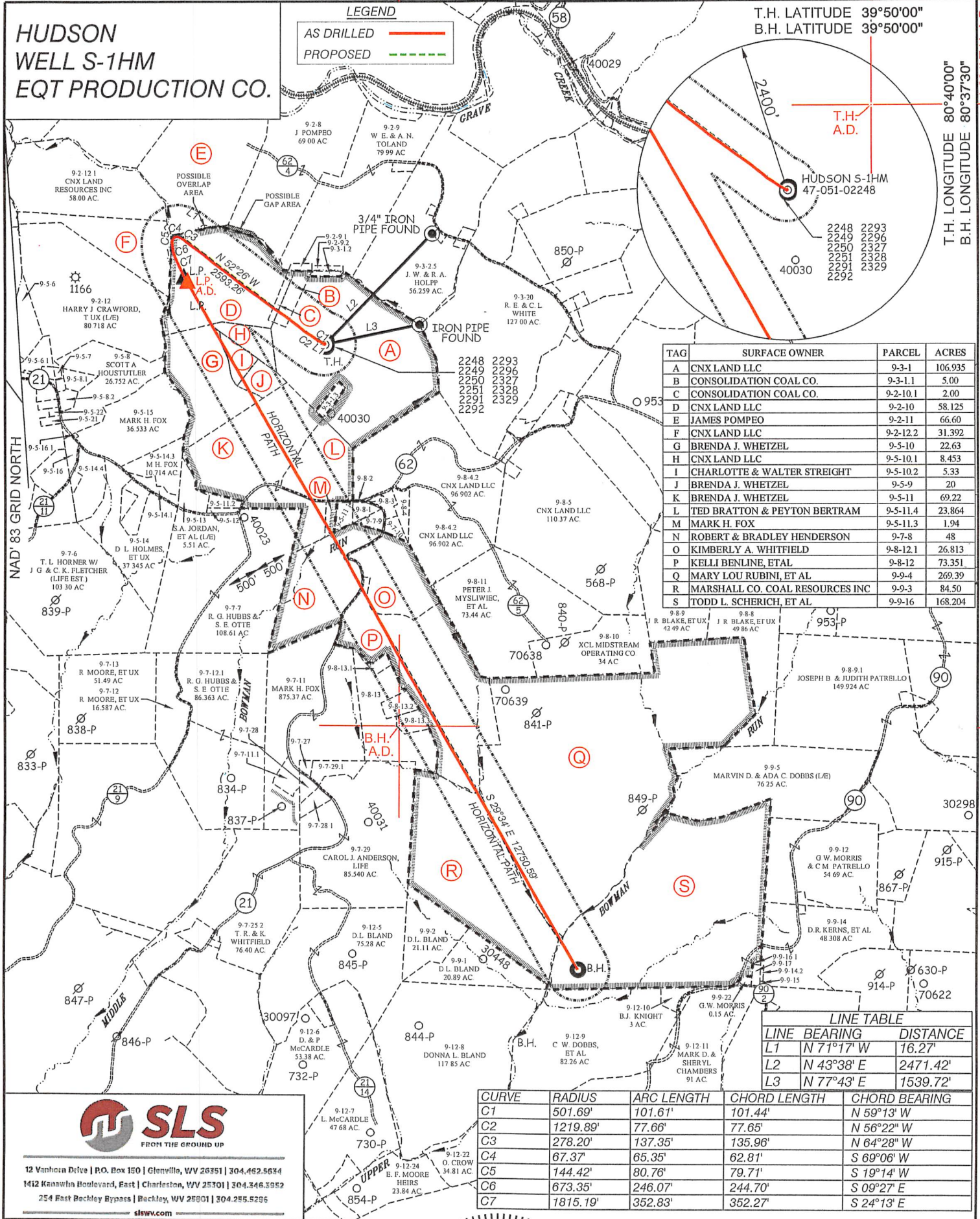
**HUDSON
WELL S-1HM
EQT PRODUCTION CO.**

LEGEND

AS DRILLED 
PROPOSED 

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

T.H. LONGITUDE 80°40'00"
B.H. LONGITUDE 80°37'30"



TAG	SURFACE OWNER	PARCEL	ACRES
A	CNX LAND LLC	9-3-1	106.935
B	CONSOLIDATION COAL CO.	9-3-1.1	5.00
C	CONSOLIDATION COAL CO.	9-2-10.1	2.00
D	CNX LAND LLC	9-2-10	58.125
E	JAMES POMPEO	9-2-11	66.60
F	CNX LAND LLC	9-2-12.2	31.392
G	BRENDA J. WHETZEL	9-5-10	22.63
H	CNX LAND LLC	9-5-10.1	8.453
I	CHARLOTTE & WALTER STREIGHT	9-5-10.2	5.33
J	BRENDA J. WHETZEL	9-5-9	20
K	BRENDA J. WHETZEL	9-5-11	69.22
L	TED BRATTON & PEYTON BERTRAM	9-5-11.4	23.864
M	MARK H. FOX	9-5-11.3	1.94
N	ROBERT & BRADLEY HENDERSON	9-7-8	48
O	KIMBERLY A. WHITFIELD	9-8-12.1	26.813
P	KELLI BENLINE, ETAL	9-8-12	73.351
Q	MARY LOU RUBINI, ET AL	9-9-4	269.39
R	MARSHALL CO. COAL RESOURCES INC	9-9-3	84.50
S	TODD L. SCHERICH, ET AL	9-9-16	168.204

LINE TABLE

LINE	BEARING	DISTANCE
L1	N 71°17' W	16.27'
L2	N 43°38' E	2471.42'
L3	N 77°43' E	1539.72'

CURVE	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING
C1	501.69'	101.61'	101.44'	N 59°13' W
C2	1219.89'	77.66'	77.65'	N 56°22' W
C3	278.20'	137.35'	135.96'	N 64°28' W
C4	67.37'	65.35'	62.81'	S 69°06' W
C5	144.42'	80.76'	79.71'	S 19°14' W
C6	673.35'	246.07'	244.70'	S 09°27' E
C7	1815.19'	352.83'	352.27'	S 24°13' E

















12 Vanhook Drive | P.O. Box 150 | Glenville, WV 26031 | 304.462.5634
1412 Kanawha Boulevard, East | Charleston, WV 25301 | 304.346.3952
254 East Beckley Bypass | Beckley, WV 25801 | 304.285.5296
sllwv.com



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

P.S. 677 *Gregory A. Smith*

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) 

SCALE 1" = 2000' FILE NO. 8911-EQT-P1HMAD.dwg
DATE APRIL 8, 2024
REVISED _____, 20____
OPERATORS WELL NO. HUDSON S-1HM
API WELL NO. 47-051-02248
NO. STATE COUNTY PERMIT

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



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

COUNTY NAME
PERMIT

**HUDSON
WELL S-1HM
EQT PRODUCTION CO.**

9,226' B.H. A.D.

1,697' T.H. A.D.

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

T.H. LONGITUDE 80°40'00"
B.H. LONGITUDE 80°37'30"

T.H. A.D.
A.D.

MAP/PARCEL	ADJOINING SURFACE OWNER LIST	ACRES
9-8-1	CNX LAND CO. LLC	2.908
9-8-2	CNX LAND CO. LLC	6000 SQ. FT.
9-5-11.1	MARK H. FOX	2.619
9-5-11.2	LARRY WHETZEL, Jr.	2.35
9-5-11.3	MARK H. FOX	1.95
9-5-12	LARRY WHETZEL, Jr.	1
9-7-9	CNX LAND CO. LLC	2
9-7-10	DONALD M. & THERESA L. HARRIS	3
9-8-4	DONALD M. & THERESA L. HARRIS	3.183
9-8-13	LARRY L CONKLE Sr., ET UX	24.03
9-8-13.1	LARRY L CONKLE Sr., ET UX	1.66
9-8-13.2	TERESA M. & MICHAEL HUGHES	3.582
9-8-13.3	CASSANDRA A. & JAMES R. DOWNES	3.22
9-9-16.1	NAUVOO CEMETERY ASSOCIATION	0.126
9-9-17	NAUVOO CEMETERY ASSOCIATION	1
9-2-9.1	MARSHALL COUNTY COAL RESOURCES	1
9-3-1.2	MARSHALL COUNTY COAL RESOURCES	1

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

NAD'83 S.P.C.(FT)	N. 486,128.91	E. 1,639,157.58
NAD'83 GEO.	LAT-(N) 39.828767	LONG-(W) 80.672710
NAD'83 UTM (M)	N. 4,408,803.56	E. 528,007.04
<u>LANDING POINT</u>		
NAD'83 S.P.C.(FT)	N. 487,207.9	E. 1,636,912.4
NAD'83 GEO.	LAT-(N) 39.831648	LONG-(W) 80.680754
NAD'83 UTM (M)	N. 4,409,120.8	E. 527,317.5
<u>BOTTOM HOLE</u>		
NAD'83 S.P.C.(FT)	N. 476,117.2	E. 1,643,203.1
NAD'83 GEO.	LAT-(N) 39.801428	LONG-(W) 80.657847
NAD'83 UTM (M)	N. 4,405,774.0	E. 529,290.5

**AS DRILLED COORDINATES
FOR WELL NO. 1HM**

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

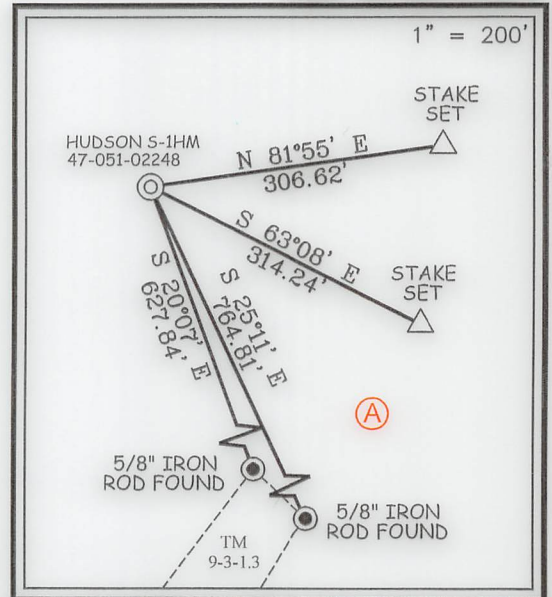
NAD'83 S.P.C.(FT)	N. 486,128.91	E. 1,639,157.28
NAD'83 GEO.	LAT-(N) 39.828767	LONG-(W) 80.672710
NAD'83 UTM (M)	N. 4,408,803.56	E. 528,007.04
<u>LANDING POINT</u>		
NAD'83 S.P.C.(FT)	N. 487,114.4	E. 1,636,964.4
NAD'83 GEO.	LAT-(N) 39.831393	LONG-(W) 80.680565
NAD'83 UTM (M)	N. 4,409,092.6	E. 527,333.9
<u>BOTTOM HOLE</u>		
NAD'83 S.P.C.(FT)	N. 476,119.9	E. 1,643,206.1
NAD'83 GEO.	LAT-(N) 39.801435	LONG-(W) 80.657837
NAD'83 UTM (M)	N. 4,405,774.9	E. 529,291.4

B.H. A.D.

NOTES ON SURVEY

- NO WATER WELLS WERE FOUND WITHIN 250' OF PROPOSED GAS WELL. NO AGRICULTURAL BUILDINGS OR DWELLINGS > 2500 SQ. FT. WERE FOUND WITHIN 625' OF THE CENTER OF PROPOSED WELL PAD.
- WELL SPOT CIRCLE & TOPO MARK SCALE IS 1"=2000'.
- TAX MAP LOCATION FOR 9-5-9 & 9-5-10 IS INCORRECT. 9-5-9'S DEED CALLS FOR BEING A RESERVATION OF 20 ACRES LYING ON THE NORTHEAST SIDE OF ROAD. THEREFORE MAKING THE ACREAGE ASSESSMENT INCORRECT DUE TO THE OUT SALES OF 9-5-10.1 AND 9-5-10.2.
- WELL PLAT UPDATED TO SHOW AS-DRILLED PATH.
- AS-DRILLED INFORMATION PROVIDED BY EQT PRODUCTION CO.

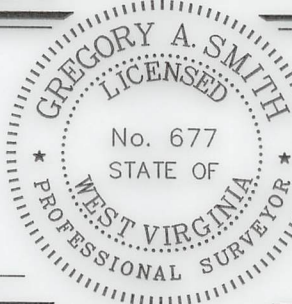
REFERENCES



12 Vanhorn Drive | P.O. Box 150 | Glenville, WV 26551 | 304.462.5634
1412 Kanawha Boulevard, East | Charleston, WV 25301 | 304.346.3952
254 East Beckley Bypass | Beckley, WV 25801 | 304.285.5295
slsv.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 *Gregory A. Smith*



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
DATE APRIL 8, 2024
REVISED _____, 20____
OPERATORS WELL NO. HUDSON S-1HM
API WELL NO. 47 - 051 - 02248
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 8911-EQT-P1HMAD.dwg
HUDSON S-1HM REV5
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 1,346.26' WATERSHED GRAVE CREEK (HUC 10)
DISTRICT MEADE COUNTY MARSHALL QUADRANGLE GLEN EASTON 7.5'

SURFACE OWNER CNX LAND LLC ACREAGE 106.935±
ROYALTY OWNER STONE HILL MINERALS HOLDINGS LLC, ET AL ACREAGE 106.935±

PROPOSED WORK : LEASE NO. SEE VVW-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: 6,782' / TMD: 20,877'

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

COUNTY NAME
PERMIT

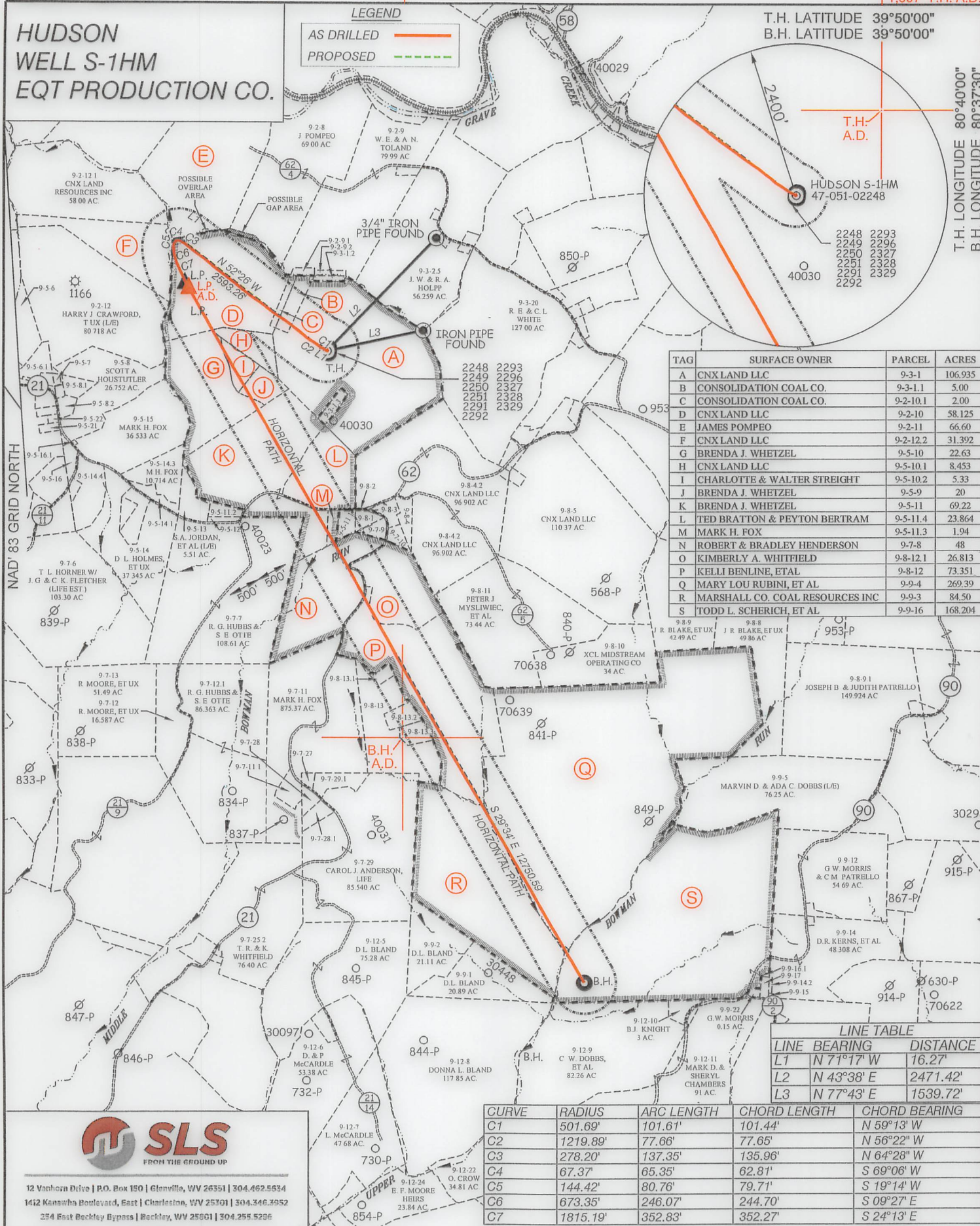
**HUDSON
WELL S-1HM
EQT PRODUCTION CO.**

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AS DRILLED ———
PROPOSED - - - - -

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LINE TABLE

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

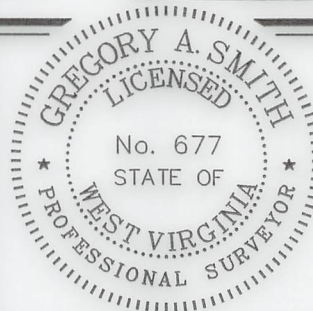
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(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

P.S.
677

Gregory A. Smith

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)

COUNTY NAME
PERMIT

SCALE 1" = 2000' FILE NO. 8911-EQT-P1HMAD.dwg

DATE APRIL 8, 20 24

REVISED _____, 20 _____

OPERATORS WELL NO. HUDSON S-1HM

API WELL NO. 47 — 051 — 02248
 STATE COUNTY PERMIT

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



DESIGNATED AGENT JOSEPH C. MALLOW
 ADDRESS 427 MIDSTATE DRIVE
 CLARKSBURG, WV 26301

WELL OPERATOR EQT PRODUCTION COMPANY
 ADDRESS 400 WOODCLIFF DRIVE
 CANONSBURG, PA 15317

RECEIVED
Office of Oil and Gas

DEC 23 2024

WV Department of
Environmental Protection

Perforation Data

02/21/2025

Stage No.	Perforation Date	Stage Perforated From TMD Ft.	Stage Perforated To TMD Ft.	# of Perforations/Stage	Formation(s)
2	07/22/2024	20697	20547	48	Marcellus
3	07/22/2024	20518	20368	48	Marcellus
4	07/23/2024	20339	20188	48	Marcellus
5	07/23/2024	20160	20009	48	Marcellus
6	07/24/2024	19980	19830	48	Marcellus
7	07/24/2024	19801	19651	48	Marcellus
8	07/24/2024	19622	19472	48	Marcellus
9	07/25/2024	19443	19293	48	Marcellus
10	07/25/2024	19264	19114	48	Marcellus
11	07/25/2024	19085	18935	48	Marcellus
12	07/25/2024	18906	18756	48	Marcellus
13	07/26/2024	18727	18577	48	Marcellus
14	07/26/2024	18548	18397	48	Marcellus
15	07/26/2024	18369	18218	48	Marcellus
16	07/27/2024	18189	18039	48	Marcellus
17	07/27/2024	18010	17860	48	Marcellus
18	07/27/2024	17831	17681	48	Marcellus
19	07/27/2024	17652	17502	48	Marcellus
20	07/28/2024	17473	17323	48	Marcellus
21	07/28/2024	17294	17144	48	Marcellus
22	07/29/2024	17115	16965	48	Marcellus
23	07/29/2024	16936	16786	48	Marcellus
24	07/29/2024	16757	16606	48	Marcellus
25	07/30/2024	16578	16427	48	Marcellus
26	07/30/2024	16398	16248	48	Marcellus
27	07/30/2024	16219	16069	48	Marcellus
28	07/30/2024	16040	15890	48	Marcellus
29	07/31/2024	15861	15711	48	Marcellus
30	08/01/2024	15682	15532	48	Marcellus
31	08/01/2024	15503	15353	48	Marcellus
32	08/01/2024	15324	15174	48	Marcellus
33	08/02/2024	15145	14995	48	Marcellus
34	08/03/2024	14966	14815	48	Marcellus
35	08/03/2024	14787	14636	48	Marcellus
36	08/03/2024	14607	14457	48	Marcellus
37	08/03/2024	14428	14278	48	Marcellus
38	08/04/2024	14249	14099	48	Marcellus
39	08/05/2024	14070	13920	48	Marcellus
40	08/05/2024	13891	13741	48	Marcellus
41	08/05/2024	13712	13562	48	Marcellus
42	08/05/2024	13533	13383	48	Marcellus

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 NATURAL GAS
 DEC 23 2024
 WV Department of
 Environmental Protection

02/21/2025

43	08/06/2024	13354	13204	48	Marcellus
44	08/06/2024	13175	13024	48	Marcellus
45	08/06/2024	12996	12845	48	Marcellus
46	08/06/2024	12816	12666	48	Marcellus
47	08/06/2024	12637	12487	48	Marcellus
48	08/07/2024	12458	12308	48	Marcellus
49	08/08/2024	12279	12129	48	Marcellus
50	08/09/2024	12100	11950	48	Marcellus
51	08/11/2024	11921	11771	48	Marcellus
52	08/11/2024	11742	11592	72	Marcellus
53	08/11/2024	11563	11413	48	Marcellus
54	08/12/2024	11384	11233	48	Marcellus
55	08/12/2024	11205	11054	48	Marcellus
56	08/13/2024	11025	10875	48	Marcellus
57	08/13/2024	10846	10696	48	Marcellus
58	08/14/2024	10667	10517	48	Marcellus
59	08/15/2024	10488	10338	48	Marcellus
60	08/15/2024	10309	10159	48	Marcellus
61	08/16/2024	10130	9980	48	Marcellus
62	08/16/2024	9951	9801	48	Marcellus
63	08/16/2024	9772	9622	48	Marcellus
64	08/17/2024	9593	9442	48	Marcellus
65	08/17/2024	9414	9263	48	Marcellus
66	08/17/2024	9234	9084	48	Marcellus
67	08/17/2024	9055	8905	48	Marcellus
68	08/18/2024	8876	8726	48	Marcellus
69	08/18/2024	8697	8547	48	Marcellus
70	08/18/2024	8518	8368	48	Marcellus
71	08/18/2024	8339	8189	48	Marcellus
72	08/19/2024	8160	8010	48	Marcellus
73	08/19/2024	7981	7890	32	Marcellus

RECEIVED
 AUG 21 2024
 THE DEPARTMENT OF
 Environmental Protection

Stimulation Data

RECEIVED
Office of Clean Gas
DEC 23 2024
WV Department of
Environmental Protection

02/21/2025

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	07/23/2024	80	8911	7529	3648	250242	6579.000	
2	07/22/2024	97	8103	7899	4263	90000	9246.000	
3	07/23/2024	100	8221	6740	4524	449974	9144.000	
4	07/23/2024	98	8615	6686	4972	450394	9047.797	
5	07/24/2024	99	8406	2830	4293	450435	9297.000	
6	07/24/2024	100	8307	5667	4332	450014	9267.000	
7	07/24/2024	99	8264	6051	3967	450689	9160.000	
8	07/25/2024	100	8186	8583	4832	451064	9229.000	
9	07/25/2024	100	8411	5743	4424	450601	9247.000	
10	07/25/2024	98	8525	5663	4631	450989	9137.000	
11	07/26/2024	99	8359	8704	4688	450360	9692.000	
12	07/26/2024	100	8047	8472	4316	450320	9613.000	
13	07/26/2024	100	8192	5528	4766	451138	9148.000	
14	07/26/2024	93	8660	8398	4952	450456	9754.000	
15	07/27/2024	89	8655	7134	4958	450588	9784.000	
16	07/27/2024	99	8113	8158	4947	450305	9129.000	
17	07/27/2024	97	8692	5796	4736	450340	9068.000	
18	07/27/2024	98	8378	5993	4635	415943	9298.000	
19	07/28/2024	99	8250	5457	5084	450568	9773.000	
20	07/28/2024	100	8333	5415	4660	450794	9056.000	
21	07/29/2024	100	8193	5070	4908	450574	9567.000	
22	07/29/2024	99	8426	5820	4981	450337	9092.000	
23	07/29/2024	100	8110	6153	5085	450258	9572.000	
24	07/30/2024	99	8208	5490	4892	450128	9426.000	
25	07/30/2024	100	7928	5423	5046	449793	8921.000	
26	07/30/2024	100	7925	5995	4918	450154	9022.000	
27	07/30/2024	100	8029	5757	4958	450380	9477.000	
28	07/31/2024	100	7921	5702	4905	450322	9232.000	
29	07/31/2024	100	7912	5904	4829	450259	8869.000	
30	08/01/2024	100	7770	6560	4952	456400	9048.000	
31	08/01/2024	100	7813	5878	4966	450021	9380.000	
32	08/02/2024	95	7707	6316	4958	446600	9029.000	
33	08/03/2024	95	7827	8221	5129	450066	8884.000	
34	08/03/2024	99	7734	6068	5188	445560	9002.000	
35	08/03/2024	100	7870	6209	5283	455460	9373.000	
36	08/03/2024	100	7917	5952	4705	450152	9388.000	
37	08/04/2024	99	7729	5687	5257	454680	9010.000	
38	08/05/2024	100	7865	5571	4860	450000	8960.000	
39	08/05/2024	98	7699	5944	5400	451163	8850.000	
40	08/05/2024	98	7958	7857	5222	450980	8877.000	
41	08/05/2024	100	7654	5710	4976	453310	9301.000	

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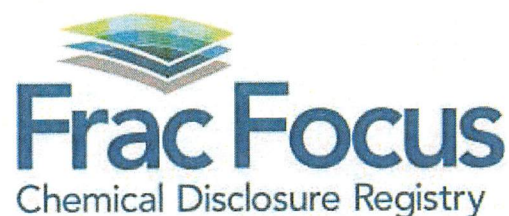
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42	08/06/2024	99	7830	8188	5579	447656	9337.000
43	08/06/2024	97	7428	7852	4904	449960	8981.000
44	08/06/2024	99	7573	5792	5024	452490	8878.000
45	08/06/2024	96	7892	6091	4999	452320	8835.000
46	08/06/2024	99	7705	5704	4882	450333	9208.000
47	08/07/2024	98	7745	7330	4844	450014	8883.000
48	08/07/2024	100	7376	6320	4218	365089	8049.000
49	08/09/2024	99	7292	6558	4981	454846	8648.000
50	08/11/2024	100	7370	5918	4678	450430	8645.000
51	08/11/2024	100	7216	5633	4981	450341	8929.000
52	08/12/2024	91	8060	6984	4929	449610	9635.000
53	08/12/2024	99	7366	5739	4828	450085	8915.000
54	08/12/2024	98	7266	5860	4806	450373	8765.000
55	08/13/2024	99	7333	8029	4888	450394	8804.000
56	08/14/2024	99	7156	5910	4829	450060	8825.000
57	08/14/2024	100	6860	5594	4928	450171	8831.000
58	08/15/2024	97	7590	6356	4778	449974	11016.000
59	06/27/2024	100	6938	5706	4694	449979	8822.000
60	08/16/2024	100	6899	5824	4967	451400	9007.000
61	08/16/2024	100	7590	6060	4520	450000	8833.000
62	08/17/2024	100	6828	7852	4650	450006	8764.000
63	08/17/2024	100	6738	5338	4786	450031	8730.000
64	08/17/2024	100	6793	5815	4904	449972	8723.000
65	08/17/2024	100	6551	5594	4890	450047	8740.000
66	08/18/2024	100	6988	5912	4996	450243	8709.000
67	08/18/2024	100	6765	5941	4823	449994	8784.000
68	08/18/2024	100	6525	5901	4579	450009	8738.000
69	08/18/2024	100	6519	5366	4608	450096	8718.000
70	08/19/2024	98	6905	5606	4491	450031	8669.000
71	08/19/2024	100	6574	5501	4556	450096	9677.000
72	08/19/2024	100	6536	5577	5009	450043	8656.000
73	08/19/2024	95	8005	6613	4319	300509	5908.000

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Hydraulic Fracturing Fluid Product Component Information Disclosure



Job Start Date:	07/21/2024
Job End Date:	08/19/2024
State:	West Virginia
County:	Marshall
API Number:	47-051-02248-00-00
Operator Name:	EQT Production
Well Name and Number:	Hudson S-1HM
Latitude:	39.828766
Longitude:	-80.672708
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	7007
Total Base Water Volume (gal)*:	27661653.474
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	87.64771	None
Sand (Proppant)	EQT	Proppant					
			Silica Substrate	14808-60-7	100.00000	12.17245	None
StimSTREAM FR 9800	ChemStream	Friction Reducer					
			ALKANES, C12-26-BRANCHED AND LINEAR	90622-53-0	40.00000	0.01746	None
StimSTREAM FR 9800	ChemStream	Friction Reducer					
			ACRYLAMIDE-CHLORIDE SALT OF TRIMETHYLAMMONIO-ETHYL ACRYLATE COPOLYMER	69418-26-4	40.00000	0.01746	None
Clearal 268	ChemStream	Biocide					
			Water	7732-18-5	80.00000	0.00879	None

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StimSTREAM FR 9800	ChemStream	Friction Reducer					
			Water	7732-18-5	15.00000	0.00246	None
Enviro-Syn HCR-7000- WL	Fluid USA, Inc.	Synthetic Acid					
			FLUID-Acid-00001	Proprietary	20.00000	0.00191	None
Clearal 268	ChemStream	Biocide					
			Glutaraldehyde	111-30-8	20.00000	0.00055	None
Enviro-Syn HCR-7000- WL	Fluid USA, Inc.	Synthetic Acid					
			FLUID-Amine-00001	Proprietary	10.00000	0.00048	None
StimSTREAM FR 9800	ChemStream	Friction Reducer					
			ETHOXYLATED ALCOHOLS (C12-16)	68551-12-2	5.00000	0.00027	None
StimSTREAM SC-398	ChemStream	Scale Inhibitor					
			AA/ATBS Co-polymer	9003-05-8	5.00000	0.00002	None
Clearal 268	ChemStream	Biocide					
			Didecyl dimethyl ammonium chloride	7173-51-5	3.00000	0.00001	None
Clearal 268	ChemStream	Biocide					
			Quaternary Ammonium Compounds	68424-85-1	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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EQT PRODUCTION COMPANY
400 Woodcliff Drive | Canonsburg, PA 15317

November 20, 2024

Ms. Melanie Hankins
West Virginia Department of Environmental Protection
Office of Oil and Gas
601 57th Street SE
Charleston, WV 25304

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WV Department of
Environmental Protection

Re: Tug Hill Operating
Casterly Rock Well Site
WR-34s and WR-35s

Dear Ms. Hankins,

Enclosed please find completed forms WR-34 "Discharge Monitoring Report" and WR-35 "Well Operator's Report of Well Work" for the following Wells:

- Casterly Rock 7UH – Permit Number 47-051-02072
- Casterly Rock 9UH – Permit Number 47-051-02073

If you have any questions, please do not hesitate to contact me at 412-584-3132.

Sincerely,

A handwritten signature in blue ink, appearing to read 'J. Zavatchan'.

John Zavatchan
Regional Manager - Permitting

02/21/2025