

**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)

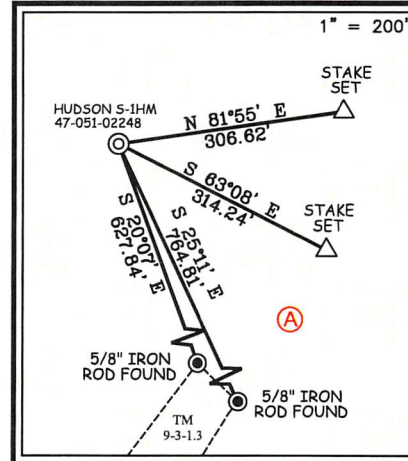
NAD'83 S.P.C.(FT)	N. 486,128.91	E. 1,639,157.28
NAD'83 GEO.	LAT-(N) 39.828767	LONG-(W) 80.672710
NAD'83 UTM (M)	N. 4,408,803.56	E. 528,007.04
LANDING POINT		
NAD'83 S.P.C.(FT)	N. 487,114.4	E. 1,636,964.4
NAD'83 GEO.	LAT-(N) 39.831393	LONG-(W) 80.680585
NAD'83 UTM (M)	N. 4,409,092.6	E. 527,333.9
BOTTOM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

Office of Oil and Gas

DEC 23 2024

WV Department of
Environmental Protection

REFERENCES



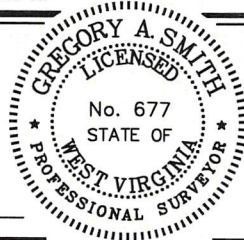
NOTES ON SURVEY

- 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.

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'

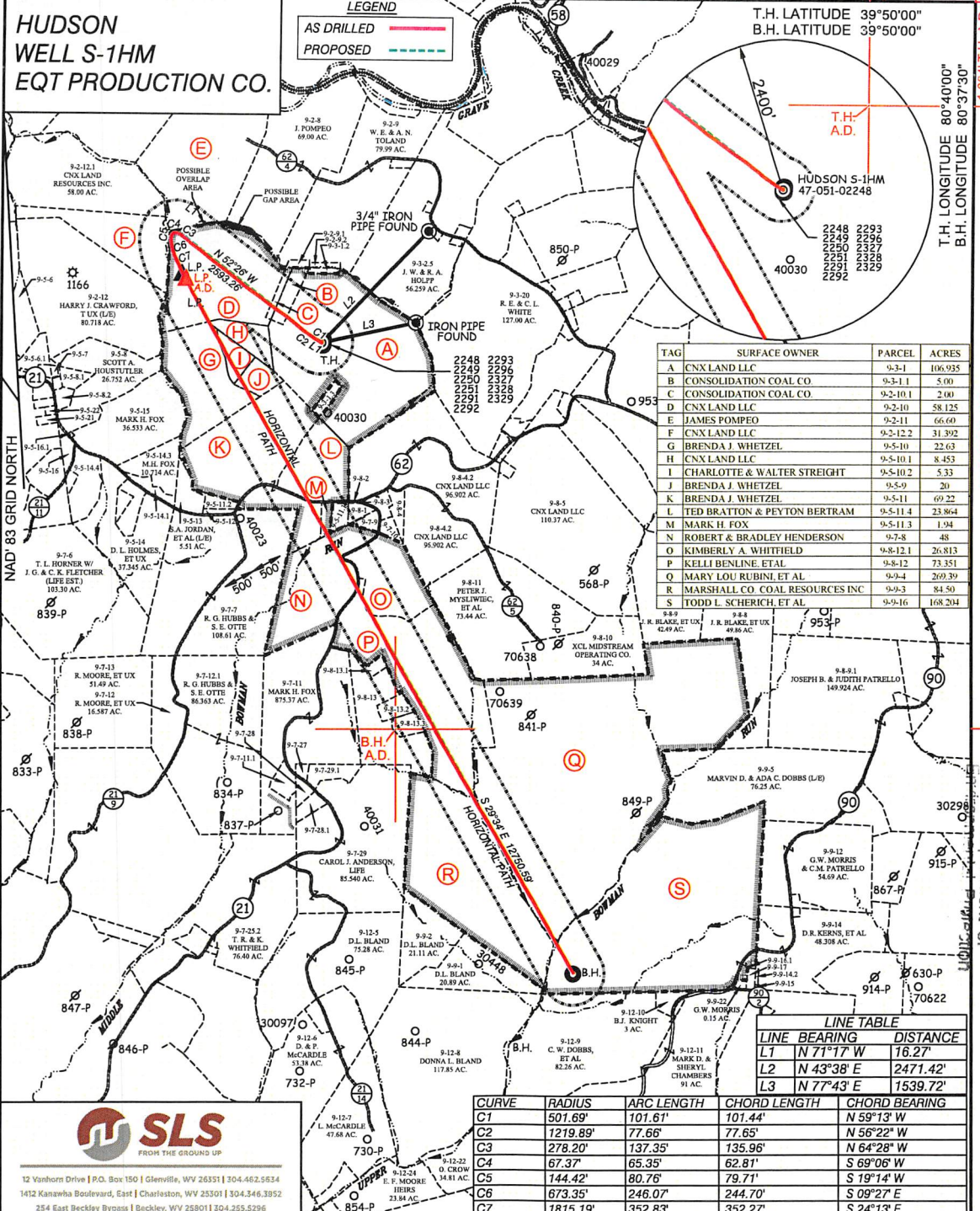
WELL OPERATOR EQT PRODUCTION COMPANY DESIGNATED AGENT JOSEPH C. MALLOW
ADDRESS 400 WOODCLIFF DRIVE ADDRESS 427 MIDSTATE DRIVE
CANONSBURG, PA 15317 CLARKSBURG, WV 26301

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. WHITTELL	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

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

DATE APRIL 8, 2024
 REVISED _____, 20____

OPERATORS WELL NO. HUDSON S-1HM
 API WELL 47-051-02248
 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 WW-6A1)

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 _____

RECEIVED
 Office of Oil and Gas
 DEC 23 2024
 WV Department of Environmental Protection

02/21/2025

HUDSON WELL S-1HM EQT PRODUCTION CO.

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.

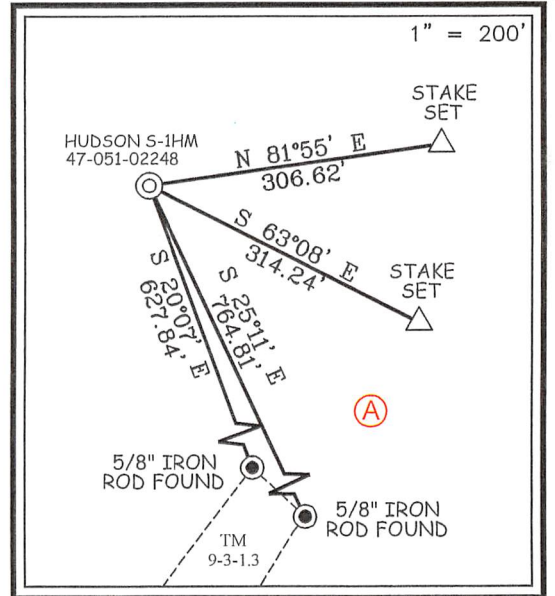
AS DRILLED COORDINATES FOR WELL NO. 1HM. Table with 3 columns: (S.P.C. NORTH ZONE) (UTM(M) ZONE 17), NAD'83 S.P.C.(FT), NAD'83 GEO., NAD'83 UTM (M). Includes LANDING POINT and BOTTOM HOLE coordinates.

RECEIVED Office of Oil and Gas

DEC 23 2024

WV Department of Environmental Protection

REFERENCES



NOTES ON SURVEY

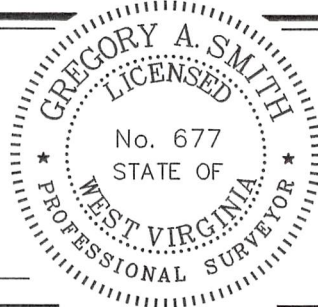
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4. WELL PLAT UPDATED TO SHOW AS-DRILLED PATH.
5. AS-DRILLED INFORMATION PROVIDED BY EQT PRODUCTION CO.



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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 276.935±

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'

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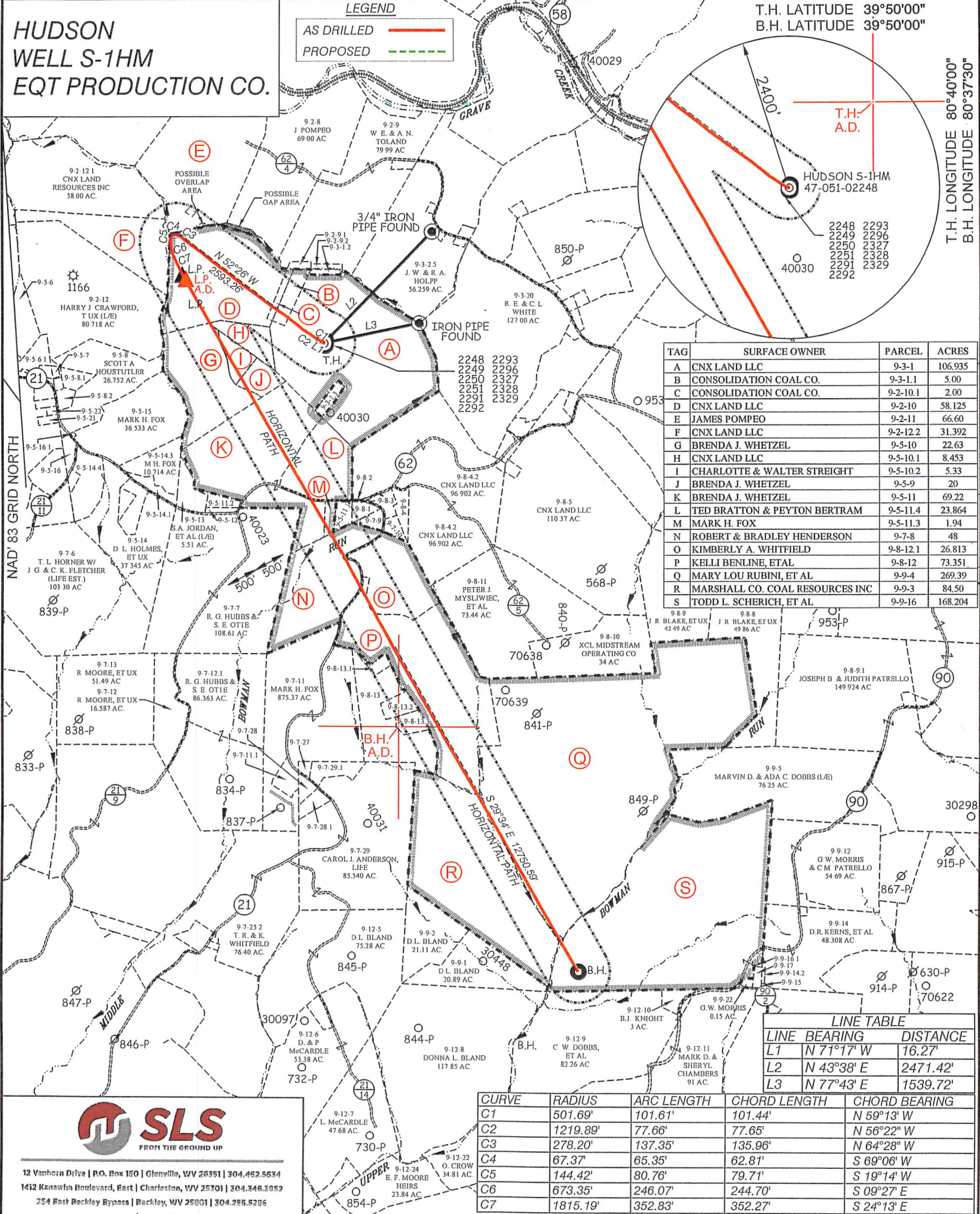
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EQT PRODUCTION CO.**

LEGEND

AS DRILLED ———
PROPOSED - - - - -

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B.H. LATITUDE 39°50'00"

T.H. LONGITUDE 80°40'00"
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S	TODD L. SCHERICH, ET AL	9-9-16	168.204

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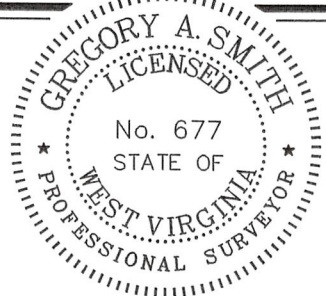


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P.S. 677 *Gregory A. Smith*

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) (A)
LEASE # (SEE WW-6A1) 00-00

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

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

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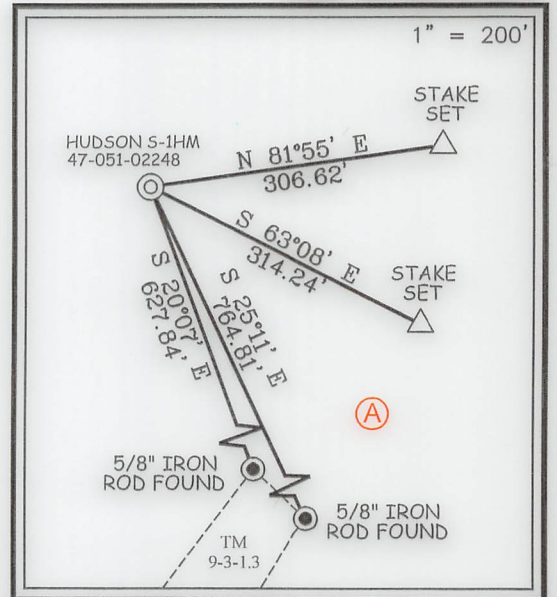
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NAD'83 S.P.C.(FT)	N. 487,114.4	E. 1,636,964.4
NAD'83 GEO.	LAT-(N) 39.831393	LONG-(W) 80.680565
NAD'83 UTM (M)	N. 4,409,092.6	E. 527,333.9
<u>BOTTOM HOLE</u>		
NAD'83 S.P.C.(FT)	N. 476,119.9	E. 1,643,206.1
NAD'83 GEO.	LAT-(N) 39.801435	LONG-(W) 80.657837
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.

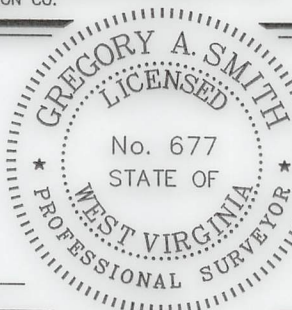
REFERENCES



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 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

COUNTY NAME
PERMIT

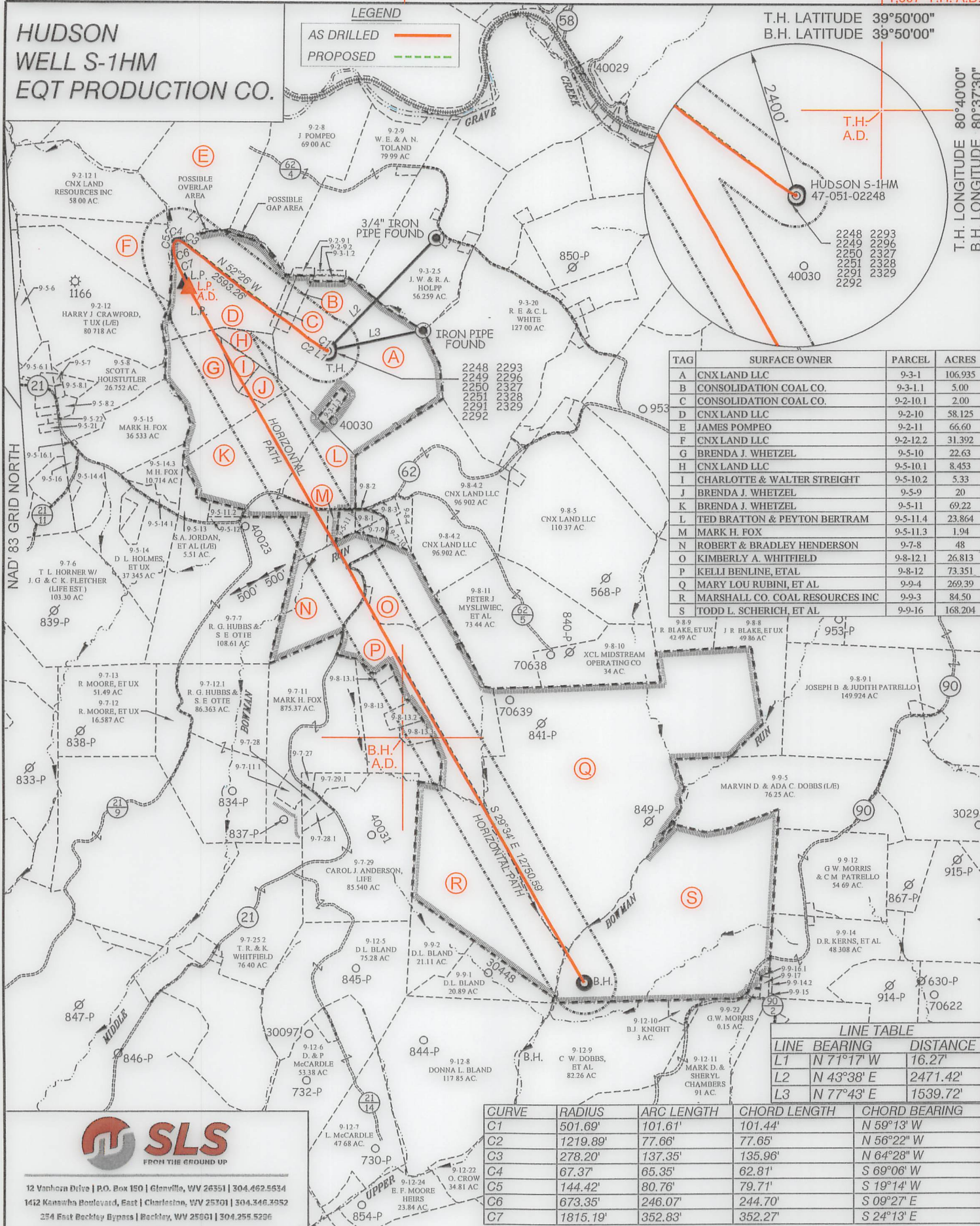
**HUDSON
WELL S-1HM
EQT PRODUCTION CO.**

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



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 254 East Beckley Bypass | Beckley, WV 25801 | 304.255.5266
 slsvw.com

(S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)
 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. 487,207.9 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



(+) 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 (A)
 EXISTING WELL (O)
 PERMITTED WELL (O with center dot)
 TAX MAP—PARCEL (O with center dot)
 SURFACE OWNER (SEE TABLE) (A)
 LEASE # (SEE WW-6A1) (O with center dot)

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

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 CANONSBURG, PA 15317