

**HUDSON S
WELL 2HM
TUG HILL OPERATING**

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

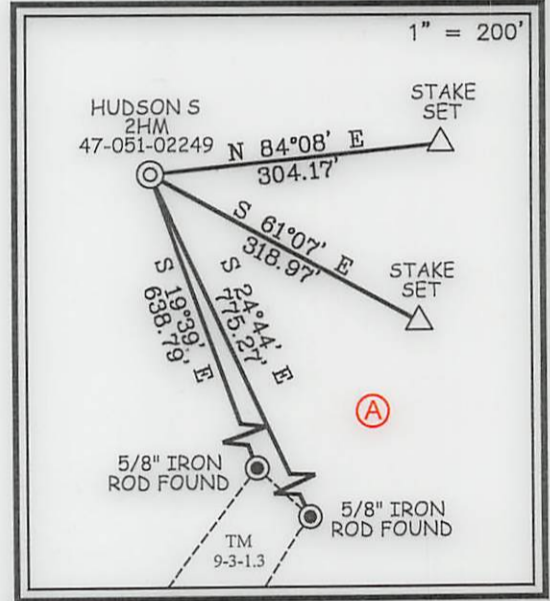
T.H. LONGITUDE 80°40'00"
B.H. LONGITUDE 80°37'30"

MAP/PARCEL	ADJOINING SURFACE OWNER LIST	ACRES
9-2-9.1	CONSOLIDATION COAL CO.	1.00
9-2-9.2	CONSOLIDATION COAL CO.	1.00
9-3-1.2	CONSOLIDATION COAL CO.	1.00
9-5-6	NANCY L. SNYDER (LIFE ESTATE)	82.858
9-5-6.1	JON B. CRAWFORD	4.679
9-5-6.9	CNX LAND CO. LLC	22.39
9-5-7	ME CHURCH	81.5 POLES (6 AC. ASSD)
9-5-8.1	ISACC McKINNEY, ET UX	2.875
9-5-11.1	MARK H. FOX	2.619
9-5-11.2	LARRY WHETZEL, JR.	2.355
9-5-11.3	MARK H. FOX	1.94
9-5-12	LARRY WHETZEL, JR.	1.00
9-5-13	SHELLY ANN JORDAN	5.51
9-5-14.1	SAVANNA N & MATTHEW WEST	2.819
9-7-9	CNX LAND CO. LLC	2.00
9-7-10	DONALD M. & THERESA L. HARRIS	3.00
9-7-11.1	WV DEPT. OF HIGHWAYS	3.63
9-7-27	LOGAN M TOLER & ASHLEY N. BERARDI	1.005
9-7-28	VICTOR & CLAIRE CAMERON	1.983
9-7-28.1	NATHAN WILLIAMS	2.768
9-7-29.1	LOGAN M TOLER & ASHLEY N. BERARDI	5.004
9-8-1	CNX LAND CO. LLC	2.908
9-8-2	CNX LAND CO. LLC	6000 SQ. FT.

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

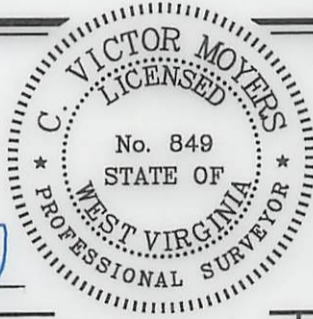
NAD'83 S.P.C.(FT)	N. 486,140.15	E. 1,639,159.21
NAD'83 GEO.	LAT-(N) 39.828798	LONG-(W) 80.672705
NAD'83 UTM (M)	N. 4,408,806.99	E. 528,007.48
LANDING POINT		
NAD'83 S.P.C.(FT)	N. 487,218.4	E. 1,636,311.7
NAD'83 GEO.	LAT-(N) 39.831655	LONG-(W) 80.682894
NAD'83 UTM (M)	N. 4,409,121.0	E. 527,134.5
BOTTOM HOLE		
NAD'83 S.P.C.(FT)	N. 475,603.7	E. 1,642,742.2
NAD'83 GEO.	LAT-(N) 39.800002	LONG-(W) 80.659464
NAD'83 UTM (M)	N. 4,405,615.2	E. 529,152.7

REFERENCES



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

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. 849 *C. Victor Moyers*

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
DATE JUNE 14, 20 19
REVISED FEBRUARY 22, 20 21
OPERATORS WELL NO. HUDSON S-2HM MOD
API WELL NO. 47 - 051 - 02249
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 8911P2HMR.dwg
HUDSON S-2HM 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 LIQUID INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW

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 CHARLENE L. BAKER, ET AL ACREAGE 106.935±
PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE 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: 6,865' / TMD: 21,609'

WELL OPERATOR TUG HILL OPERATING, LLC DESIGNATED AGENT DIANNA STAMPER
ADDRESS 1320 SOUTH UNIVERSITY DRIVE, SUITE 500 ADDRESS CT CORPORATION SYSTEM
FORT WORTH, TX 76107 ADDRESS 5400 D BIG TYLER ROAD
CHARLESTON, WV 25313

COUNTY NAME
PERMIT

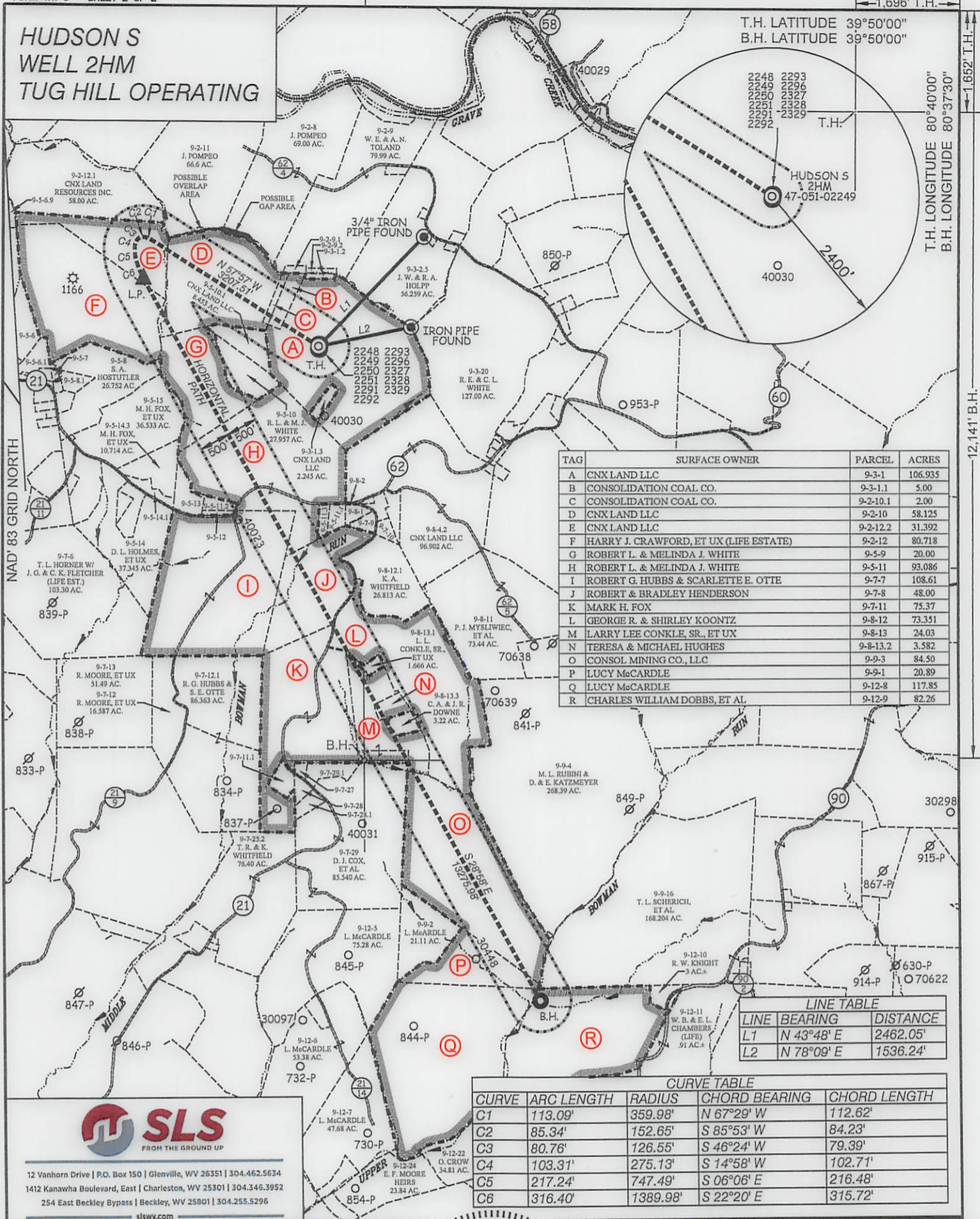
**HUDSON S
WELL 2HM
TUG HILL OPERATING**

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

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

NAD'83 GRID NORTH

12,141' B.H.



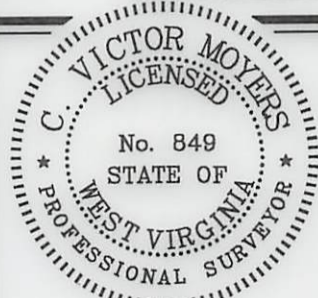
TAG	SURFACE OWNER	PARCEL	ACRES
A	CNX LAND LLC	9-3-1	106.935
B	CONSOLIDATION COAL CO.	9-3-1.1	5.00
C	CONSOLIDATION COAL CO.	9-2-10.1	2.00
D	CNX LAND LLC	9-2-10	58.125
E	CNX LAND LLC	9-2-12.2	31.392
F	HARRY J. CRAWFORD, ET UX (LIFE ESTATE)	9-2-12	80.718
G	ROBERT L. & MELINDA J. WHITE	9-5-9	20.00
H	ROBERT L. & MELINDA J. WHITE	9-5-11	93.086
I	ROBERT G. HUBBS & SCARLETTE E. OTTE	9-7-7	108.61
J	ROBERT & BRADLEY HENDERSON	9-7-8	48.00
K	MARK H. FOX	9-7-11	75.37
L	GEORGE R. & SHIRLEY KOONTZ	9-8-12	73.351
M	LARRY LEE CONKLE, SR., ET UX	9-8-13	24.03
N	TERESA & MICHAEL HUGHES	9-8-13.2	3.582
O	CONSOL MINING CO., LLC	9-9-3	84.50
P	LUCY McCARDLE	9-9-1	20.89
Q	LUCY McCARDLE	9-12-8	117.85
R	CHARLES WILLIAM DOBBS, ET AL	9-12-9	82.26

LINE TABLE		
LINE	BEARING	DISTANCE
L1	N 43°48' E	2462.05'
L2	N 78°09' E	1536.24'

CURVE TABLE				
CURVE	ARC LENGTH	RADIUS	CHORD BEARING	CHORD LENGTH
C1	113.09'	359.98'	N 67°29' W	112.62'
C2	85.34'	152.65'	S 85°53' W	84.23'
C3	80.76'	126.55'	S 46°24' W	79.39'
C4	103.31'	275.13'	S 14°58' W	102.71'
C5	217.24'	747.49'	S 06°06' E	216.48'
C6	316.40'	1389.98'	S 22°20' E	315.72'



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P.S. 849 *C. Victor Moyers*

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)

(S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)
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REVISED FEBRUARY 22, 2021
OPERATORS WELL NO. HUDSON S-2HM
API WELL NO. 47-051-02249
NO. STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
M3D

WELL OPERATOR TUG HILL OPERATING, LLC ADDRESS 1320 SOUTH UNIVERSITY DRIVE, SUITE 500 FORT WORTH, TX 76107
DESIGNATED AGENT DIANNA STAMPER CT CORPORATION SYSTEM ADDRESS 5400 D BIG TYLER ROAD CHARLESTON, WV 25313

COUNTY NAME PERMIT

07/01/2022