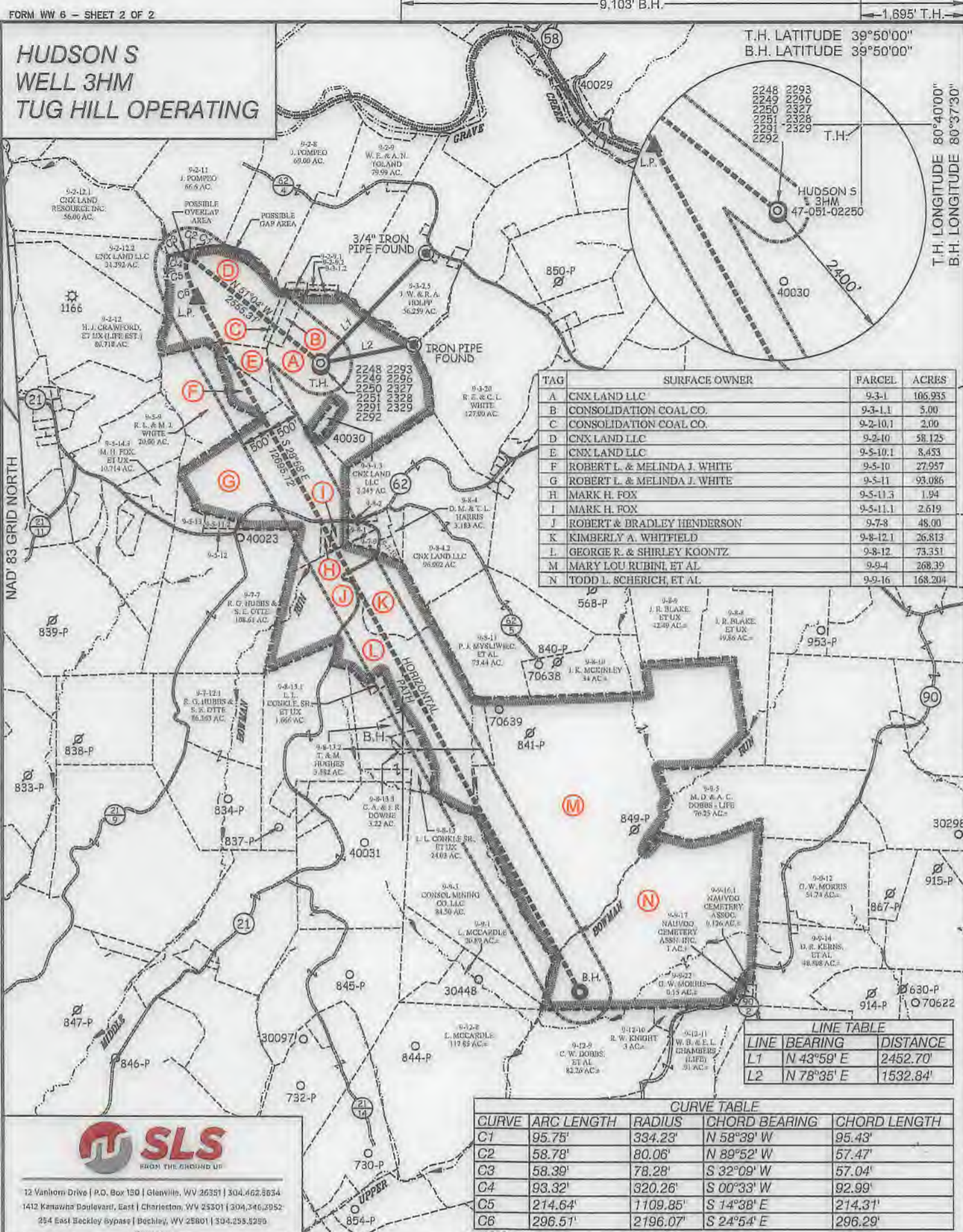


**HUDSON S  
WELL 3HM  
TUG HILL OPERATING**

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



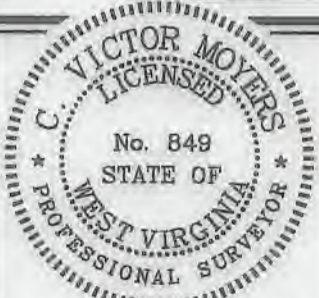
TAG	SURFACE OWNER	PARCEL	ACRES
A	CNX LAND LLC	9-3-1	106.935
B	CONSOLIDATION COAL CO.	9-3-1.1	5.00
C	CONSOLIDATION COAL CO.	9-2-10.1	2.00
D	CNX LAND LLC	9-2-10	58.125
E	CNX LAND LLC	9-5-10.1	8.453
F	ROBERT L. & MELINDA J. WHITE	9-5-10	27.957
G	ROBERT L. & MELINDA J. WHITE	9-5-11	93.086
H	MARK H. FOX	9-5-11.3	1.94
I	MARK H. FOX	9-5-11.1	2.619
J	ROBERT & BRADLEY HENDERSON	9-7-8	48.00
K	KIMBERLY A. WHITFIELD	9-8-12.1	26.813
L	GEORGE R. & SHIRLEY KOONTZ	9-8-12	73.351
M	MARY LOU RUBINI, ET AL	9-9-4	268.39
N	TODD L. SCHERICH, ET AL	9-9-16	168.204

LINE	BEARING	DISTANCE
L1	N 43°59' E	2452.70'
L2	N 78°35' E	1532.84'

CURVE	ARC LENGTH	RADIUS	CHORD BEARING	CHORD LENGTH
C1	95.75'	334.23'	N 58°39' W	95.43'
C2	58.78'	80.06'	N 89°52' W	57.47'
C3	58.39'	78.28'	S 32°09' W	57.04'
C4	93.32'	320.26'	S 00°33' W	92.99'
C5	214.64'	1109.85'	S 14°38' E	214.31'
C6	296.51'	2196.07'	S 24°54' E	296.29'



12 Vanhorn Drive | P.O. Box 150 | Glenville, WV 26031 | 304.462.8634  
1412 Kanawha Boulevard, East | Charleston, WV 25301 | 304.346.2952  
254 East Beckley bypass | Beckley, WV 25801 | 304.255.5296  
slsvw.com



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

P.S. 849 *C. Victor Moyers*

(S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)  
NAD'83 S.P.C.(FT) N. 486,152.16 E. 1,639,160.21  
NAD'83 GEO. LAT-(N) 39.828831 LONG-(W) 80.872702  
NAD'83 UTM (M) N. 4,408,810.65 E. 528,007.72

**LANDING POINT**  
NAD'83 S.P.C.(FT) N. 487,190.1 E. 1,637,181.0  
NAD'83 GEO. LAT-(N) 39.831609 LONG-(W) 80.679797  
NAD'83 UTM (M) N. 4,409,116.8 E. 527,399.5

**BOTTOM HOLE**  
NAD'83 S.P.C.(FT) N. 476,082.8 E. 1,649,328.6  
NAD'83 GEO. LAT-(N) 39.801338 LONG-(W) 80.657399  
NAD'83 UTM (M) N. 4,405,764.2 E. 529,328.9

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. 8911P3HMR.dwg  
HUDSON S-3HM REV6  
DATE JUNE 14 20 19  
REVISED FEBRUARY 18 20 21  
OPERATORS WELL NO. HUDSON S-3HM MOD  
API WELL 47 - 051 - 02250  
NO. STATE COUNTY PERMIT

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

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

09/29/2023

**HUDSON S  
WELL 3HM  
TUG HILL OPERATING**

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

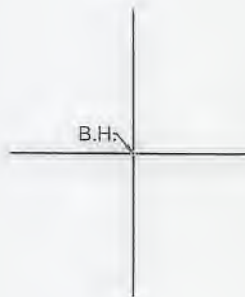
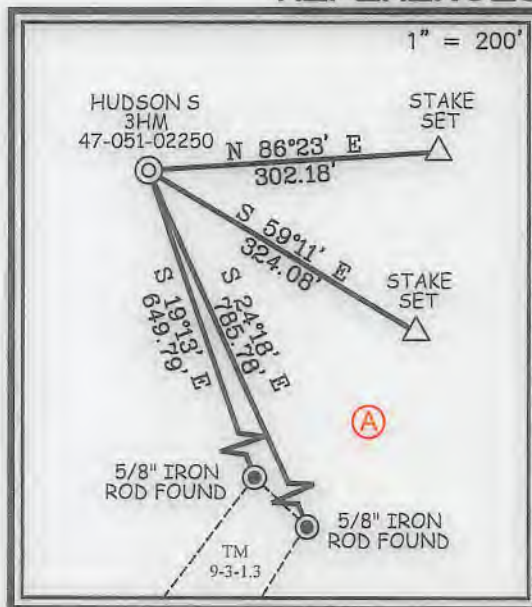
T.H. LONGITUDE 80°40'00"  
B.H. LONGITUDE 80°37'30"

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
9-5-11.2	LARRY WHETZEL, JR.	2.355
9-5-12	LARRY WHETZEL, JR.	1.00
9-5-13	SHELLY ANN JORDAN	5.51
9-7-9	CNX LAND CO. LLC	2.00
9-7-10	DONALD M. & THERESA L. HARRIS	3.00
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)

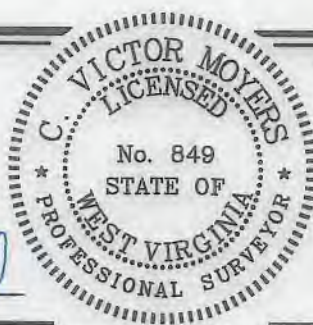
NAD'83 S.P.C.(FT)	N. 486,152.16	E. 1,639,160.21
NAD'83 GEO.	LAT-(N) 39.828831	LONG-(W) 80.672702
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NAD'83 GEO.	LAT-(N) 39.801338	LONG-(W) 80.657399
NAD'83 UTM (M)	N. 4,405,764.2	E. 529,328.9

**REFERENCES**



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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.



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.  
DATE JUNE 14, 20 19  
REVISED FEBRUARY 18, 20 21  
OPERATORS WELL NO. HUDSON S-3HM **HO**  
API WELL NO. **47 - 051 - 02250**  
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 8911P3HMR.dwg HUDSON S-3HM REV6  
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: GROUND = 1,370.10' ELEVATION PROPOSED = 1,344.81' 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 **09/29/2023**  
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: 6,873' / TMD: 20,607'

WELL OPERATOR TUG HILL OPERATING, LLC  
ADDRESS 1320 SOUTH UNIVERSITY DRIVE, SUITE 500  
FORT WORTH, TX 76107

DESIGNATED AGENT DIANNA STAMPER  
ADDRESS 5400 D BIG TYLER ROAD  
CHARLESTON, WV 25313

COUNTY NAME PERMIT