

**BRECKENRIDGE S LEASE  
WELL 25HM  
TUG HILL OPERATING**

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

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

NAD'83 S.P.C.(FT)	N. 486,521.92	E. 1,652,052.22
NAD'83 GEO.	LAT-(N) 39.830299	LONG-(W) 80.626818
NAD'83 UTM (M)	N. 4,408,988.96	E. 531,933.46
<b>LANDING POINT</b>		
NAD'83 S.P.C.(FT)	N. 486,719.1	E. 1,653,847.9
NAD'83 GEO.	LAT-(N) 39.830902	LONG-(W) 80.620433
NAD'83 UTM (M)	N. 4,409,058.2	E. 532,479.5
<b>BOTTOM HOLE</b>		
NAD'83 S.P.C.(FT)	N. 476,154.1	E. 1,657,495.9
NAD'83 GEO.	LAT-(N) 39.802024	LONG-(W) 80.606981
NAD'83 UTM (M)	N. 4,405,858.1	E. 533,644.7

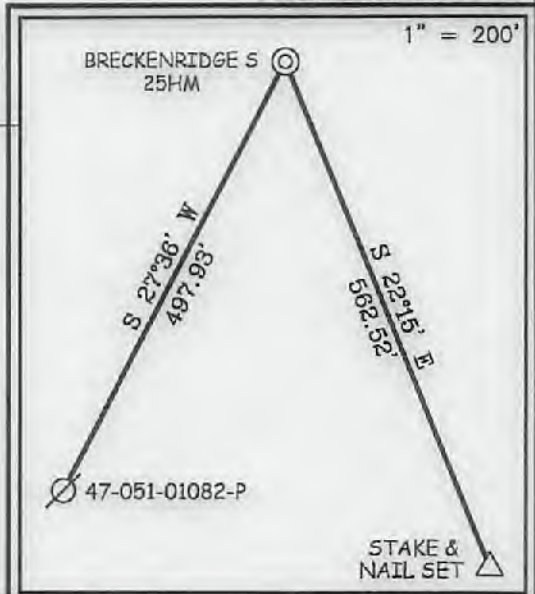
T.H. LONGITUDE 80°37'30"  
B.H. LONGITUDE 80°35'00"

TAG	SURFACE OWNER	PARCEL	ACRES
A	CNX LAND, LLC	3-19-76	53.25
B	CNX LAND, LLC	3-19-75	47.40
C	CNX LAND, LLC	3-18-1	30.00
D	KEVIN R. EVANS	3-14-18	101.8
E	KEVIN R. EVANS	3-18-2	63.89
F	AEP WEST VIRGINIA TRANSMISSION COMPANY INC.	3-18-6.1	10.175
G	MARY L. BURGE	3-18-6	36.33
H	MOLLY KAY HUBBS COLLINS, ET AL	3-18-5	25.372
I	OLIVIA SUZANNE HUBBS	7-1-13	120.937
J	MOLLY KAY HUBBS COLLINS, ET AL	7-1-14	53.67
K	RICKIE GENE FRYE	7-2-3.1	37.8578
L	BEVERLY MAE DAVIS	7-2-4	58.08
M	JEAN JAMISON	7-7-9.1	97.896

MAP/PARCEL	ADJOINING SURFACE OWNER LIST	ACRES
3-18-8.1	DANIEL LILLEY, ET UX	1.039
3-18-8.2	KEVIN R. & SHELLY JO EVANS	2.302
3-18-12	CHARLES N. MATTHEWS JR, ET UX	1.831
3-18-13	MOLLY KAY HUBBS COLLINS & OLIVIA SUZANNE HUBBS	18.014
3-18-14	MOLLY KAY HUBBS COLLINS & OLIVIA SUZANNE HUBBS	21.52
3-18-20	JESSE PARSONS EST.	2.02
3-18-38	OLIVIA SUZANNE HUBBS	0.433
7-2-3	BARBARA & RICKIE FRYE	11.24
7-2-3.2	RICKIE GENE FRYE, ET UX	0.9922
7-2-4.1	BEVERLY MAE DAVIS	1.00
7-2-4.2	DAVID L. FRYE	1.25
7-2-7	CNX LAND, LLC	12.825
7-2-8	CNX LAND, LLC	3.82
7-7-9	WILLARD JUNIOR EVANS & ROSE MARY EVANS - LIFE	2.214

11,405' B.H.

**REFERENCES**



**NOTES ON SURVEY**

- NO WATER WELLS WERE FOUND WITHIN 250' OF PROPOSED GAS WELL. NO AGRICULTURAL BUILDINGS ≥ 2500 SQ. FT. OR DWELLINGS WERE FOUND WITHIN 825' OF THE CENTER OF PROPOSED WELL PAD.
- WELL SPOT CIRCLE & TOPO MARK SCALE IS 1"=2000'



12 Vanborn Drive | P.O. Box 150 | Glenville, WV 26351 | 304.452.5634  
1412 Kanawha Boulevard, East | Charleston, WV 25301 | 304.346.2952  
254 East Beckley Bypass | Beckley, WV 25801 | 304.255.5299  
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. *Gregory A. Smith*  
677



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
DATE OCTOBER 13, 20 21  
REVISED \_\_\_\_\_, 20 \_\_\_\_  
OPERATORS WELL NO. BRECKENRIDGE S-25HM  
API WELL NO. 47 - 051 - 02432  
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 9026P25HM.dwg  
BRECKENRIDGE S-25HM REV0  
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  LIQUID INJECTION  WASTE DISPOSAL  IF "GAS" PRODUCTION  STORAGE  DEEP  SHALLOW

LOCATION: GROUND = 1,383.40' ELEVATION PROPOSED = 1,370.10' 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 HASAN'S VENTURES, ET AL ACREAGE 56.72  
PROPOSED WORK: LEASE NO. SEE WW-6A1

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: 7,112' / TMD: 16,782'

WELL OPERATOR TUG HILL OPERATING, LLC DESIGNATED AGENT DARREN BROWN - CT CORPORATION  
ADDRESS 1320 SOUTH UNIVERSITY DRIVE, SUITE 500 ADDRESS 5098 WASHINGTON ST. W, STE 407  
FORT WORTH, TX 76107 CHARLESTON, WV 25313-1561

COUNTY NAME

PERMIT



**BRECKENRIDGE S LEASE  
WELL 25HM  
TUG HILL OPERATING**

LINE TABLE		
LINE	BEARING	DISTANCE
L1	S 08°39' W	1279.73'

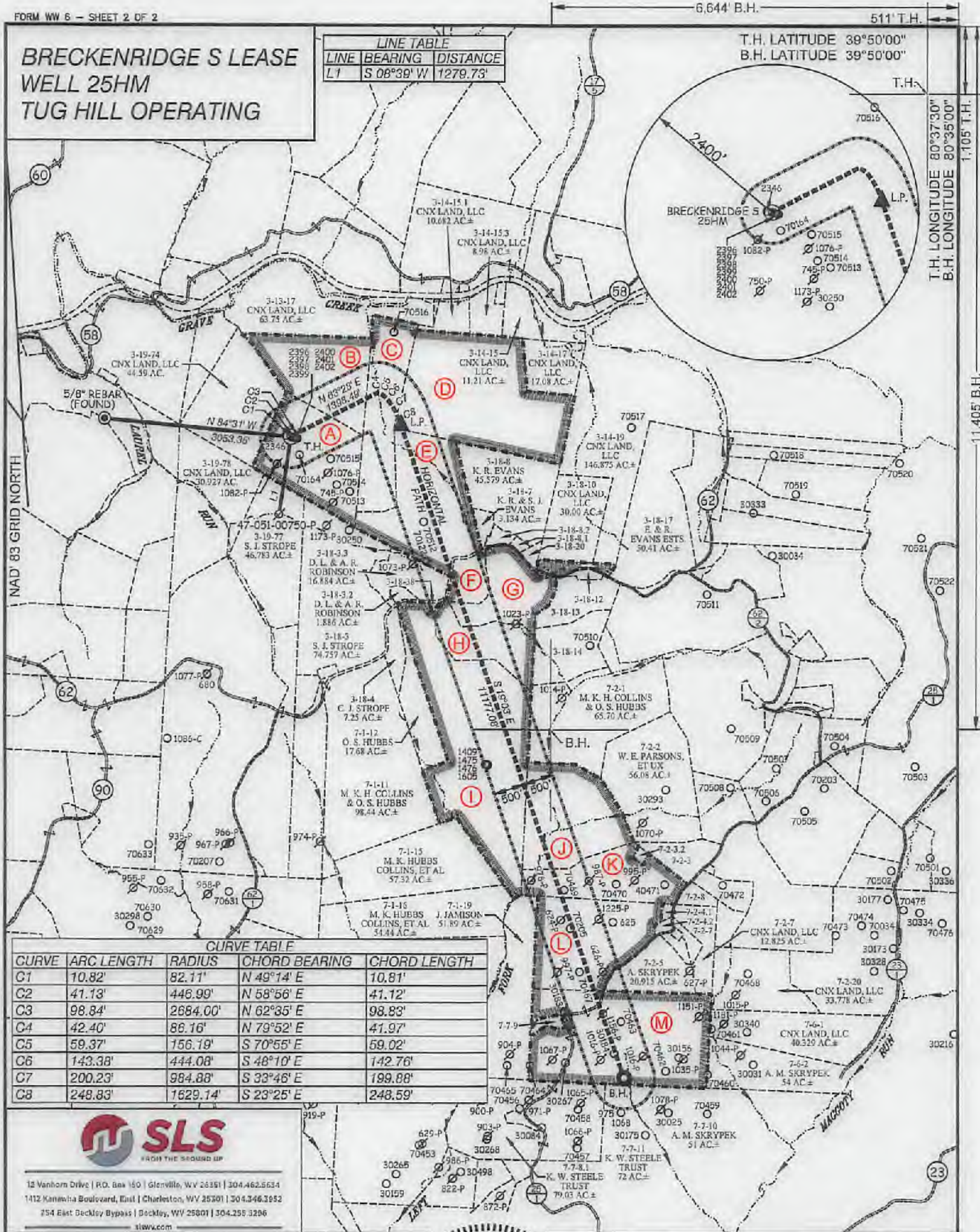
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B.H. LATITUDE 39°50'00"

NAD'83 GRID NORTH

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

1,105' T.H.

1,1405' B.H.



CURVE TABLE

CURVE	ARC LENGTH	RADIUS	CHORD BEARING	CHORD LENGTH
G1	10.82'	82.11'	N 49°14' E	10.81'
G2	41.13'	446.99'	N 58°56' E	41.12'
G3	98.84'	2684.00'	N 62°35' E	98.83'
G4	42.40'	86.16'	N 79°52' E	41.97'
G5	59.37'	156.19'	S 70°55' E	59.02'
G6	143.38'	444.08'	S 48°10' E	142.76'
G7	200.23'	984.88'	S 33°46' E	199.88'
G8	248.83'	1629.14'	S 23°25' E	248.59'



12 Vanhorn Drive | P.O. Box 150 | Glenville, WV 26351 | 304.462.5634  
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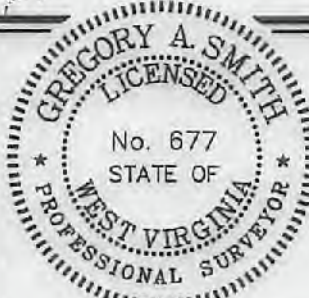
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STATE COUNTY PERMIT



STATE OF WEST VIRGINIA  
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ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS



(+) 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

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