

**BRECKENRIDGE S LEASE  
WELL 24HM  
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. 486,524.62	E. 1,552,040.74
NAD'83 GEO.	LAT-(N) 39.830308	LONG-(W) 80.626859
NAD'83 UTM (M)	N. 4,408,989.72	E. 531,929.95

**LANDING POINT**

NAD'83 S.P.C.(FT)	N. 484,913.8	E. 1,650,956.2
NAD'83 GEO.	LAT-(N) 39.825950	LONG-(W) 80.619988
NAD'83 UTM (M)	N. 4,408,508.7	E. 532,521.7

**BOTTOM HOLE**

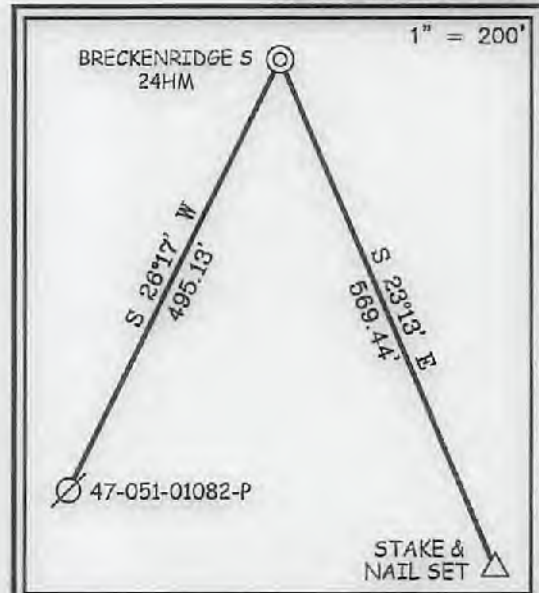
NAD'83 S.P.C.(FT)	N. 476,213.2	E. 1,656,165.4
NAD'83 GEO.	LAT-(N) 39.802141	LONG-(W) 80.611719
NAD'83 UTM (M)	N. 4,405,869.3	E. 533,239.1

TAG	SURFACE OWNER	PARCEL	ACRES
A	CNX LAND, LLC	3-19-76	53.25
B	CNX LAND, LLC	3-18-1	30.00
C	KEVIN R. EVANS	3-18-2	63.89
D	DAVID L. & ARIANNE R. ROBINSON	3-18-3.3	16.884
E	OLIVIA SUZANNE HUBBS	7-1-13	120.937
F	MOLLY KAY HUBBS COLLINS, ET AL	7-1-15	57.32
G	MOLLY KAY HUBBS COLLINS, ET AL	7-1-16	54.44
H	JEAN JAMISON	7-1-19	51.89
I	WILLARD JUNIOR EVANS & ROSE MARIE EVANS - LIFE	7-7-9	2.214
J	JEAN JAMISON	7-7-9.1	97.896

MAP/PARCEL	ADJOINING SURFACE OWNER LIST	ACRES
3-18-5	MOLLY KAY HUBBS COLLINS & OLIVIA SUZANNE HUBBS	25.372
3-18-6.1	AEP WEST VIRGINIA TRANSMISSION COMPANY	10.175
3-18-38	OLIVIA SUZANNE HUBBS	0.433
7-1-5.2	NICHOLAS J. EVANS	22.42
7-1-6	NANCY L. PARSONS	1.00
7-1-8	NANCY L. PARSONS - LIFE	33.00
7-2-3.1	RICKIE GENE FRYE	37.8578

T.H. LONGITUDE 80°37'30"  
B.H. LONGITUDE 80°35'00"  
1,103' T.H.  
11,363' 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 625' OF THE CENTER OF PROPOSED WELL PAD.
- WELL SPOT CIRCLE & TOPO MARK SCALE IS 1"=2000'



12 Vanhorn Drive | P.O. Box 150 | Glenville, WV 26031 | 304.462.5654  
1412 Kanawha Boulevard, East | Charleston, WV 25301 | 304.346.3952  
254 East Beckley Bypass | Beckley, WV 25801 | 304.255.5296  
slew.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 OCTOBER 13, 20 21  
REVISED \_\_\_\_\_, 20 \_\_\_\_\_  
OPERATORS WELL NO. BRECKENRIDGE S-24HM  
API WELL NO. 47 — 051 — 02431  
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 9026P24HM.dwg  
BRECKENRIDGE S-24HM REV0  
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 GROUND = 1,382.90'  
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 0.17±

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: 7,154' / TMD: 16,777'

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



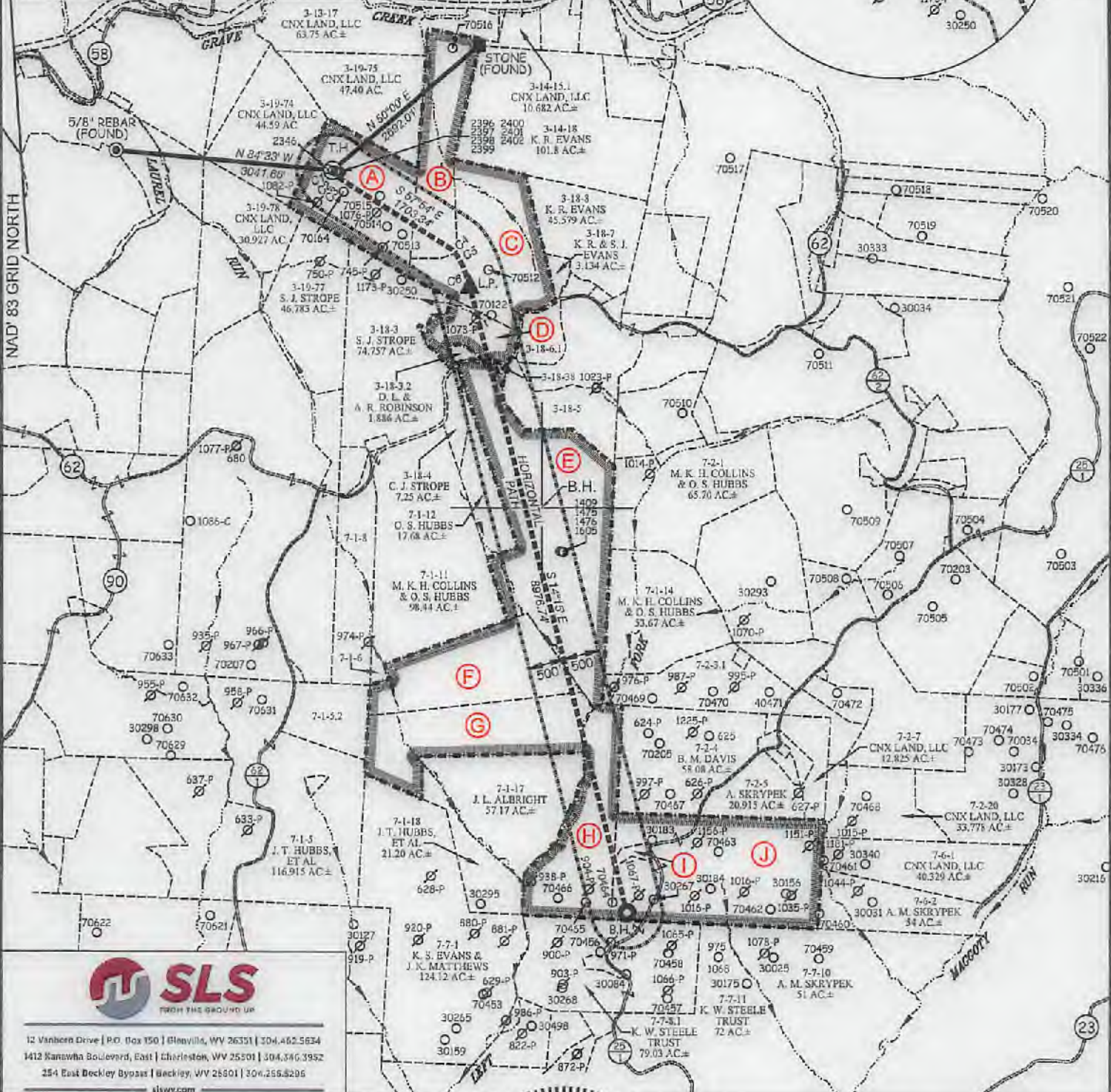
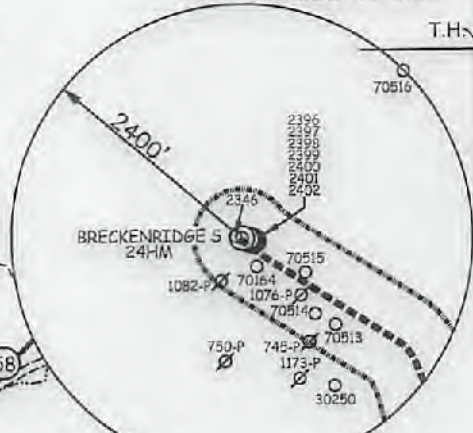
**BRECKENRIDGE S LEASE  
WELL 24HM  
TUG HILL OPERATING**

CURVE TABLE				
CURVE	ARC LENGTH	RADIUS	CHORD BEARING	CHORD LENGTH
C1	27.29'	88.61'	S 24°07' E	27.18'
C2	78.11'	295.22'	S 43°07' E	77.88'
C3	168.78'	1324.53'	S 54°33' E	168.66'
C4	94.37'	315.63'	S 46°52' E	94.02'
C5	177.48'	827.55'	S 31°29' E	177.14'
C6	329.95'	1725.19'	S 19°27' E	329.45'

7,975' B.H. 522' T.H.

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

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



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

P.S. 677 *Gregory A. Smith*

SCALE 1" = 2000' FILE NO. 9026P24HM.dwg  
BRECKENRIDGE S-24HM REV0

DATE OCTOBER 13 20 21  
REVISED 20

OPERATORS WELL NO. BRECKENRIDGE S-24HM

API WELL NO. 47-051-02431  
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)	

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01/28/2022