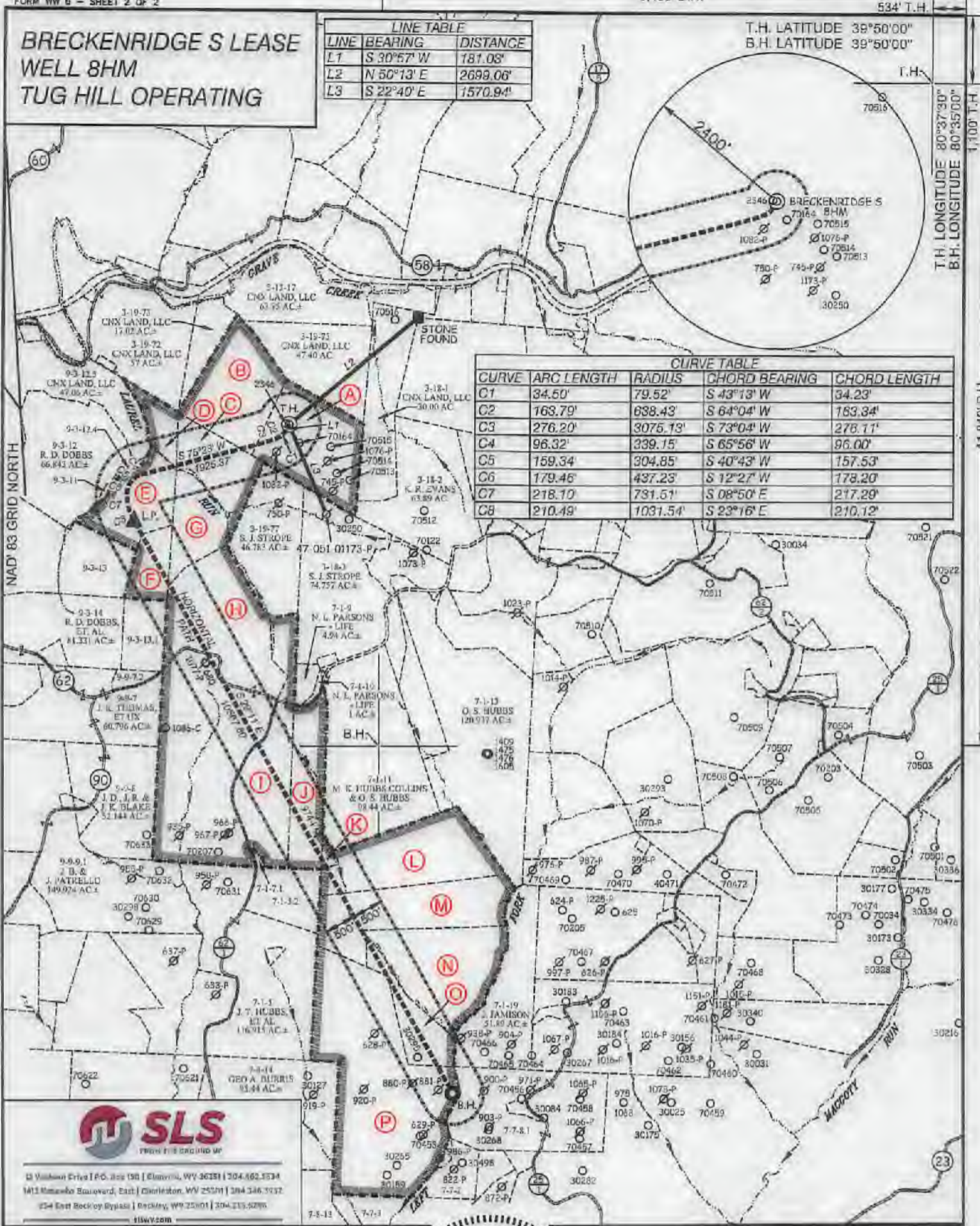


**BRECKENRIDGE S LEASE
WELL 8HM
TUG HILL OPERATING**

LINE TABLE		
LINE	BEARING	DISTANCE
L1	S 30°57' W	181.08'
L2	N 50°13' E	2699.06'
L3	S 22°40' E	1570.94'

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



CURVE TABLE			
CURVE	ARC LENGTH	RADIUS	CHORD BEARING
C1	34.50'	79.52'	S 43°13' W
C2	163.79'	638.43'	S 64°04' W
C3	276.20'	3076.13'	S 73°04' W
C4	96.32'	339.15'	S 65°56' W
C5	159.34'	304.85'	S 40°43' W
C6	179.46'	437.23'	S 12°27' W
C7	218.10'	731.51'	S 08°50' E
C8	210.49'	1031.54'	S 23°16' E



21 Yukon Drive | P.O. Box 190 | Glenwood, WV 26039 | 304.662.5334
1411 Kanawha Boulevard, East | Charleston, WV 25301 | 304.546.9332
254 East Rockey Bypass | Beckley, WV 25801 | 304.233.6286
slsvw.com



(+) 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-8A1)

SCALE 1" = 2000' FILE NO. 9026P8HM.dwg
BRECKENRIDGE S-8HM REV5
DATE SEPTEMBER 23 20 21
REVISED 20
OPERATORS WELL NO. BRECKENRIDGE S-8HM
API WELL 47 051 02429
NO. STATE COUNTY PERMIT

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

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 8HM
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. 436,527.69	E. 1,652,028.98
NAD'83 GEO.	LAT-(N) 39.830314	LONG-(W) 80.626901
NAD'83 UTM (M)	N. 4,408,990.69	E. 531,926.35
LANDING POINT		
NAD'83 S.P.C.(FT)	N. 484,972.4	E. 1,649,525.1
NAD'83 GEO.	LAT-(N) 39.825958	LONG-(W) 80.635746
NAD'83 UTM (M)	N. 4,408,504.0	E. 531,171.6
BOTTOM HOLE		
NAD'83 S.P.C.(FT)	N. 475,745.3	E. 1,654,676.8
NAD'83 GEO.	LAT-(N) 39.800606	LONG-(W) 80.616996
NAD'83 UTM (M)	N. 4,405,719.2	E. 532,788.0

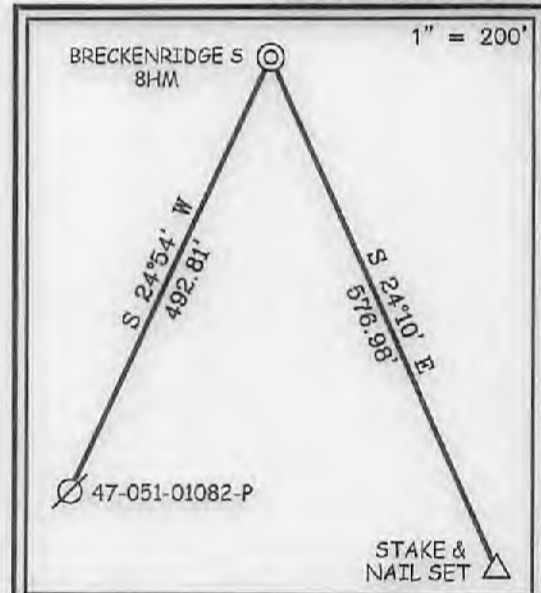
T.H. LONGITUDE 80°37'30"
B.H. LONGITUDE 80°35'00"
1,100' T.H.
11,849' B.H.

TAG	SURFACE OWNER	PARCEL	ACRES
A	CNX LAND, LLC	3-19-76	53.25
B	CNX LAND, LLC	3-19-74	44.59
C	CNX LAND, LLC	3-19-78	30.927
D	CNX LAND, LLC	3-19-79	10.75
E	XCL PROCESSING OPERATING LLC	3-19-80	30.54
F	XCL PROCESSING OPERATING LLC	3-19-82	14.89
G	XCL PROCESSING OPERATING LLC	3-19-81	26.52
H	ANNA D. MORRIS	7-1-1	179.00
I	NANCY L. PARSONS - LIFE	7-1-7	40.86
J	NANCY L. PARSONS - LIFE	7-1-8	33.00
K	NANCY L. PARSONS - LIFE	7-1-6	1.00
L	MOLLY KAY HUBBS COLLINS, ET AL	7-1-15	57.32
M	MOLLY KAY HUBBS COLLINS, ET AL	7-1-16	54.44
N	JEFFREY L. ALBRIGHT	7-1-17	57.17
O	JAMES TIMOTHY HUGGS, ET AL	7-1-18	21.20
P	KAREN S. EVANS & JUDY K. MATTHEWS	7-7-1	124.12

MAP/PARCEL	ADJOINING SURFACE OWNER LIST	ACRES
7-1-5.2	NICHOLAS J. EVANS	22.42
7-1-7.1	NANCY L. PARSONS	0.50
7-7-2	KAREN S. EVANS & JUDY KAY MATTHEWS	24.50
7-7-3	CNX LAND, LLC	12.00
7-7-8.1	KENNETH WAYNE STEELE TRUST	79.03
7-8-13	BLAINE E. STERN, JR.	104.92
9-3-11	CNX LAND, LLC	1.00
9-3-12.4	CNX LAND, LLC	0.149
9-3-13	XCL PROCESSING OPERATING LLC	28.00
9-3-13.1	XCL PROCESSING OPERATING LLC	10.00
9-9-7.2	XCL MIDSTREAM OPERATING LLC	3.907



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 180 | Glenville, WV 26031 | 304.462.5514
1412 Kanawha Boulevard, East | Charleston, WV 25301 | 304.346.3952
254 EAST Beckley Bypass | Beckley, WV 25801 | 304.285.8286
slsw.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 SEPTEMBER 23, 20 21
REVISED _____, 20 ____
OPERATORS WELL NO. BRECKENRIDGE S-8HM
API WELL NO. 47 - 051 - 02429
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 9026P8HM.dwg
BRECKENRIDGE S-8HM REV5
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 = 1,382.60' 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 01/28/2022

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: 7,096' / TMD: 18,860'

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

COUNTY NAME PERMIT