

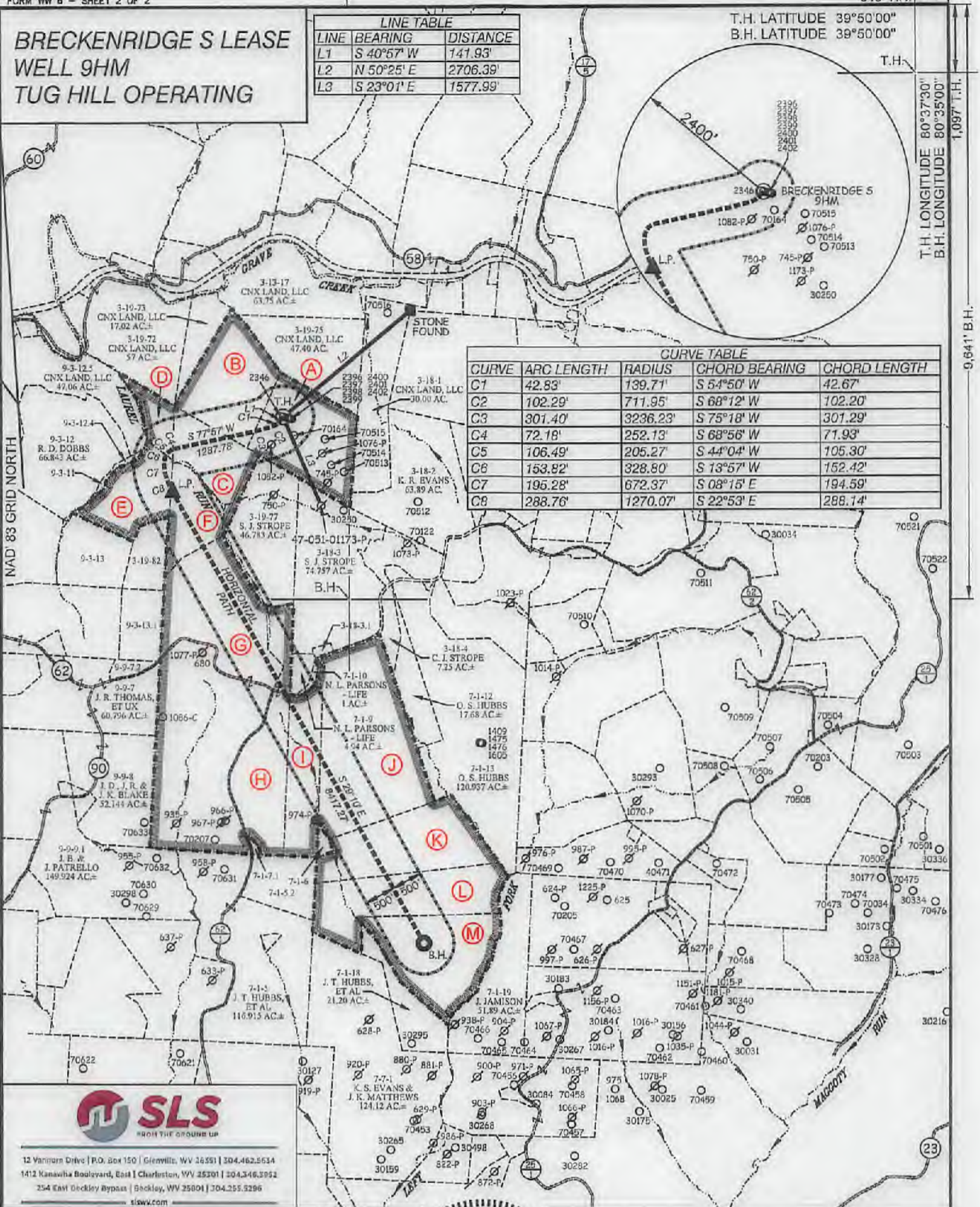
**BRECKENRIDGE S LEASE
WELL 9HM
TUG HILL OPERATING**

LINE TABLE		
LINE	BEARING	DISTANCE
L1	S 40°57' W	141.93'
L2	N 50°25' E	2706.39'
L3	S 23°01' E	1577.99'

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

NAD 83 GRID NORTH

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



CURVE TABLE				
CURVE	ARC LENGTH	RADIUS	CHORD BEARING	CHORD LENGTH
C1	42.83'	139.71'	S 54°50' W	42.67'
C2	102.29'	711.95'	S 68°12' W	102.20'
C3	301.40'	3236.23'	S 75°18' W	301.29'
C4	72.18'	252.13'	S 68°56' W	71.93'
C5	106.49'	205.27'	S 44°04' W	105.30'
C6	153.82'	328.80'	S 13°57' W	152.42'
C7	195.28'	672.37'	S 08°15' E	194.59'
C8	288.76'	1270.07'	S 22°53' E	288.14'



12 Yamnus Drive | P.O. Box 150 | Glenville, WV 26551 | 304.462.5634
1412 Kanawha Boulevard, East | Charleston, WV 25301 | 204.346.3952
254 East Dickley Bypass | Beckley, WV 25804 | 304.255.5296
slsw.com

(S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)		
NAD83 S.P.C.(FT)	N. 488,530.38	E. 1,852,017.22
NAD83 GEO.	LAT:(N) 39.830321	LONG:(W) 80.826943
NAD83 UTM (M)	N. 4,408,991.35	E. 531,822.75
LANDING POINT		
NAD83 S.P.C.(FT)	N. 485,307.9	E. 1,850,206.4
NAD83 GEO.	LAT:(N) 39.828803	LONG:(W) 80.833335
NAD83 UTM (M)	N. 4,408,609.7	E. 531,377.3
BOTTOM HOLE		
NAD83 S.P.C.(FT)	N. 477,957.5	E. 1,854,307.9
NAD83 GEO.	LAT:(N) 39.808888	LONG:(W) 80.818407
NAD83 UTM (M)	N. 4,408,391.2	E. 532,864.3



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

P.S. 677 *Gregory A. Smith*

SCALE	1" = 2000'	FILE NO.	9026P9HM.dwg
			BRECKENRIDGE S-9HM REV5
DATE	OCTOBER 13		20 21
REVISED			20
OPERATORS WELL NO.	BRECKENRIDGE S-9HM		
API WELL NO.	47	051	02430
	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	00-00
SURFACE OWNER (SEE TABLE)	
LEASE # (SEE WW-6A1)	

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 25313-1551

COUNTY NAME
PERMIT

01/28/2022

**BRECKENRIDGE S LEASE
WELL 9HM
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. 466,530.36 E. 1,652,017.22
NAD'83 GEO. LAT-(N) 39.830321 LONG-(W) 80.626943
NAD'83 UTM (M) N. 4,408,991.35 E. 531,922.75

LANDING POINT

NAD'83 S.P.C. (FT) N. 465,307.9 E. 1,650,206.4
NAD'83 GEO. LAT-(N) 39.826903 LONG-(W) 80.633335
NAD'83 UTM (M) N. 4,408,609.7 E. 531,377.3

BOTTOM HOLE

NAD'83 S.P.C. (FT) N. 477,957.5 E. 1,654,307.9
NAD'83 GEO. LAT-(N) 39.806866 LONG-(W) 80.616407
NAD'83 UTM (M) N. 4,406,391.2 E. 532,864.3

T.H.

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

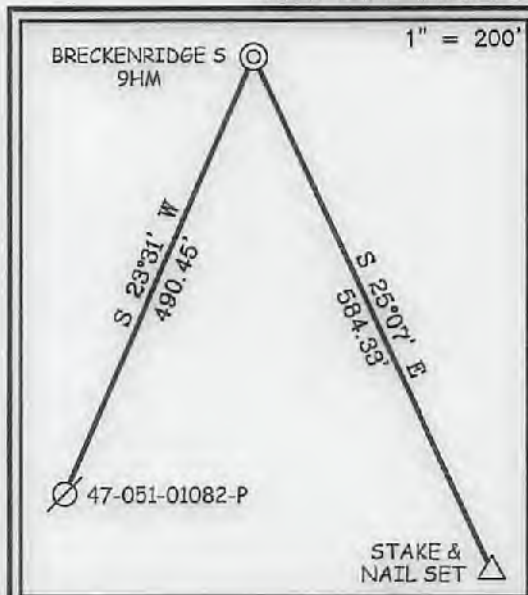
1,097' T.H.

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	3-19-81	26.52
G	ANNA D. MORRIS	7-1-1	179.00
H	NANCY L. PARSONS - LIFE	7-1-7	40.86
I	NANCY L. PARSONS - LIFE	7-1-8	33.00
J	MOLLY KAY HUBBS COLLINS, ET AL	7-1-11	98.44
K	MOLLY KAY HUBBS COLLINS, ET AL	7-1-15	57.32
L	MOLLY KAY HUBBS COLLINS, ET AL	7-1-16	54.44
M	JEFFREY L. ALBRIGHT	7-1-17	57.17

MAP/PARCEL	ADJOINING SURFACE OWNER LIST	ACRES
3-18-3.1	CAROL J. EVANS - LIFE	1.173
3-19-82	XCL PROCESSING OPERATING LLC	14.89
7-1-5.2	NICHOLAS J. EVANS	22.42
7-1-6	NANCY L. PARSONS	1.00
7-1-7.1	NANCY L. PARSONS	0.50
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

B.H.

REFERENCES



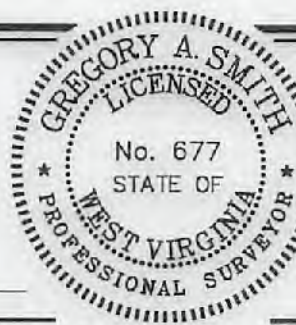
NOTES ON SURVEY

1. 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.
2. WELL SPOT CIRCLE & TOPO MARK SCALE IS 1"=2000'



12 Vanhorn Drive | P.O. Box 130 | Glenville, WV 26031 | 304.462.5514
1412 Kanawha Boulevard, East | Charleston, WV 25301 | 304.346.3952
254 East Beckley Bypass | Beckley, WV 26001 | 304.255.5296
sllw.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-9HM
API WELL NO. 47 - 051 - 02430
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/2500 FILE NO. 9026P9HM.dwg
HORIZONTAL & VERTICAL CONTROL DETERMINED BY: DGPS (SURVEY GRADE TIE TO CORS NETWORK) SCALE 1" = 2000'
BRECKENRIDGE S-9HM REV5

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 = 1,382.00' 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 0.128/2022

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: 7,098' / TMD: 16,317'

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