

# HUNTER PETHTEL LEASE VAN WINKLE N 2HM WELL TUG HILL OPERATING

T.H. LATITUDE 39°47'30"  
B.H. LATITUDE 39°50'00"

(S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)  
 NAD'83 S.P.C.(FT) N. 469,274.89 E. 1,623,873.36  
 NAD'83 GEO. LAT-(N) 39.781941 LONG-(W) 80.726308  
 NAD'83 UTM (M) N. 4,403,591.08 E. 523,436.43  
**LANDING POINT**  
 NAD'83 S.P.C.(FT) N. 468,074.7 E. 1,621,128.3  
 NAD'83 GEO. LAT-(N) 39.778543 LONG-(W) 80.736016  
 NAD'83 UTM (M) N. 4,403,211.4 E. 522,606.2  
**BOTTOM HOLE**  
 NAD'83 S.P.C.(FT) N. 480,811.9 E. 1,614,116.1  
 NAD'83 GEO. LAT-(N) 39.813240 LONG-(W) 80.761600  
 NAD'83 UTM (M) N. 4,407,056.2 E. 520,405.1

PARCEL	SURFACE ADJOINER	ACRES
5-9-13	KAREN M. KAZEMKA (NKA KAREN M. WILSON)	3.69
5-9-14	DENNIS P. CADMUS	136 POLES
5-9-15	DENNIS P. CADMUS	3.85
5-9-16	SHEENA ROSE	1.65
5-9-17	DENNIS P. CADMUS	28.063
5-9-24	DENNIS P. CADMUS	21 AC. 49 P.
5-10-4.2	JACK E. RECTOR	2.887
5-10-4.3	ANTHONY A. & KAREN L. ANKROM	5.697
5-10-4.7	LINDA BECHTOLD, ET AL.	2.110
5-10-4.8	SAMUEL FRANKLIN	1.8808
5-10-4.9	JAMES E. & KAREN M. WILSON	0.8692
5-10-4.10	SHEENA ROSE	0.803
5-10-4.11	JASON E. BONNETTE	1.5
5-10-6	WILLIAM F. RULONG, ET AL.	P/O 1.00
5-10-8.1	SAMUEL D. & BECKY ROBINSON	1.511
9-10-1.1	CONNIE S. CUNNINGHAM	0.482
9-10-1.3	FINLEY D. MONTGOMERY, ET UX	20.294
9-10-2.1	SHERRY VAN SCYOC YOCUM & BLAINE VAN SCYOC	5.00
9-10-2.2	WALTER J. FECAT, JR., ET UX	5.00
9-10-10	LOUIS DELBERT VAN SCYOC	24.50
9-10-12	JOSEPH LEE CROW	11.279
9-10-13	JOSEPH LEE CROW	12.18
9-10-20	JOSHUA A. & SHANNON N. HOYT	9.942
9-10-21	JAMES & VICKIE J. MASON	2.00
9-10-22	JAMES & VICKIE J. MASON	1.169

A	TH EXPLORATION	9-13-5.3	16.10
B	XCL MIDSTREAM OPERATING, LLC	9-13-5	168.73
C	LOUIS AULENBACHER	9-13-4	100.191
D	H & L EQUIPMENT, LLC	9-13-4.1	0.449
E	CAROL VAN SCYOC EST	9-10-2	206.988
F	CAROL VAN SCYOC EST	9-10-1	118.087
G	JOSHUA A. & SHANNON N. HOYT	9-10-1.2	2.436
H	HERBERT M. AULENBACHER, JR.	5-10-9	141.43
I	STATE OF WEST VIRGINIA (FISH CREEK)	N/A	N/A
J	WILLIAM F. RULONG, ET AL.	5-10-8	70.6672
K	WILLIAM F. RULONG, ET AL.	5-10-7	22.872
L	WILLIAM F. RULONG, ET AL.	5-10-5	27.5
M	SHEENA ROSE	5-10-4	65.16
N	ROBERT GREGORY MCOUIRE, ET UX	5-9-12	78.28
O	JASON J. STEED	5-9-13.2	135.61
P	PATRICIA McCLINTOCK	5-9-7	110.02
Q	PATRICIA McCLINTOCK	5-9-6	101
R	PATRICIA McCLINTOCK	5-9-5	22.5

T.H.

B.H.

T.H. LONGITUDE 80°42'30"  
B.H. LONGITUDE 80°45'00"

3,543' T.H.

7,320' 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'.
- BASED ON WV DOT COUNTY ROUTE 74 IS A 40' STRIP OF LAND ACQUIRED IN NUMEROUS DEEDS.



12 Vanhorn Drive | P.O. Box 150 | Glenville, WV 26351 | 304.462.5634  
 1412 Kanawha Boulevard, East | Charleston, WV 25301 | 304.346.3952  
 254 East Beckley Bypass | Beckley, WV 25801 | 304.255.5296  
 slswv.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 JANUARY 21, 2021

REVISED JUNE 1, 2022

OPERATORS WELL NO. VAN WINKLE N 2HM

API WELL NO. 47 - 051 - 02365 MOD  
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 8952P2HMR.dwg  
VAN WINKLE N 2HM-REV3  
 HORIZONTAL & VERTICAL CONTROL DETERMINED BY SCALE 1" = 2000'  
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:  
 ELEVATION 753.50' WATERSHED FISH CREEK (HUC 10)  
 DISTRICT MEADE COUNTY MARSHALL QUADRANGLE GLEN EASTON 7.5'  
 SURFACE OWNER TH EXPLORATION, LLC ACREAGE 16.10 ±  
 ROYALTY OWNER DENNIS HUNTER, ET AL - SEE WW-6A1 ACREAGE 190.12 ±  
 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: 6,230' / TMD: 21,968'

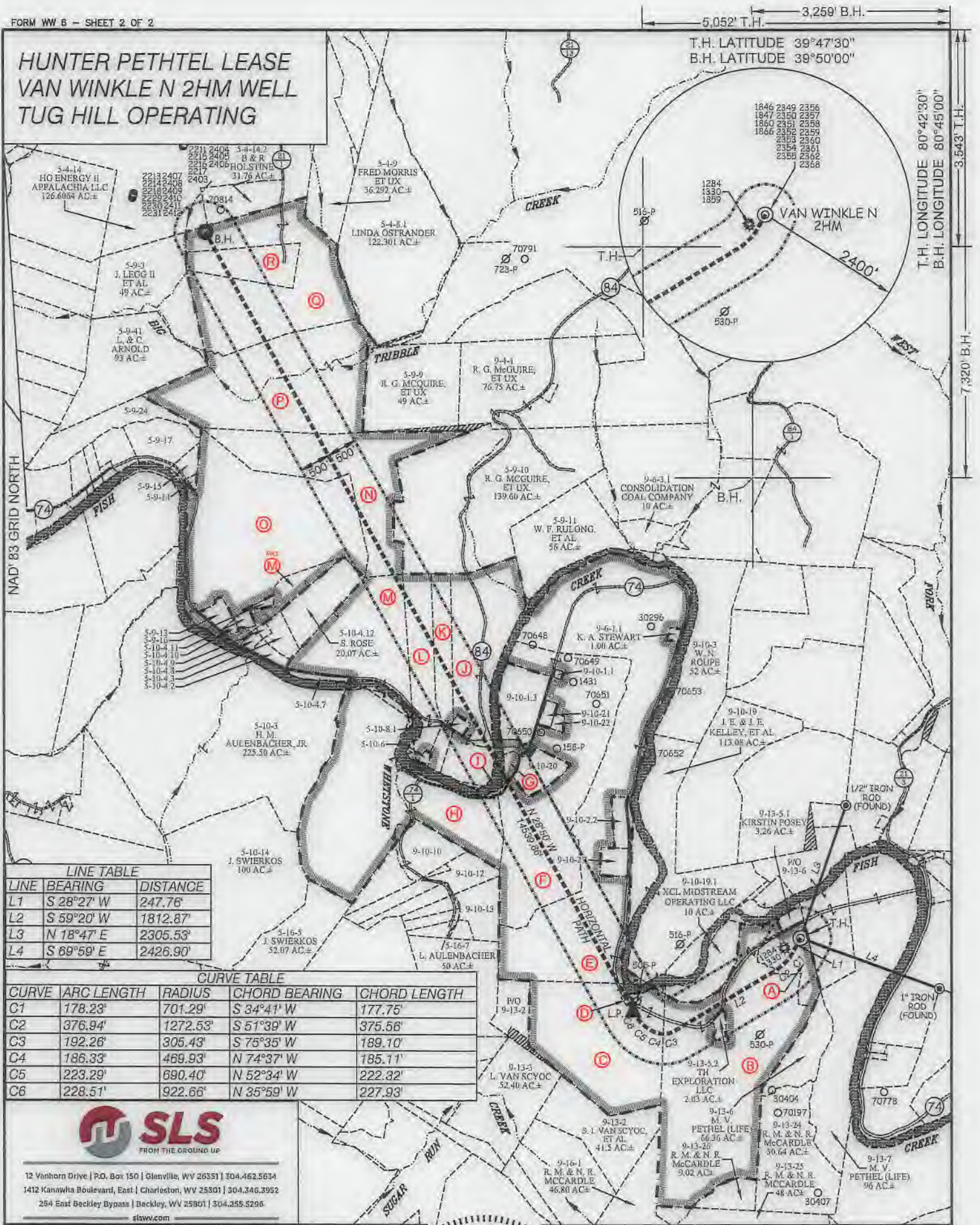
WELL OPERATOR TUG HILL OPERATING, LLC DESIGNATED AGENT DARREN BROWN  
 ADDRESS 1320 SOUTH UNIVERSITY DRIVE, SUITE 500 ADDRESS 5098 WASHINGTON ST. W, STE 407  
 FORT WORTH, TX 76107 CHARLESTON, WV 25313-1561

COUNTY NAME  
 PERMIT

# HUNTER PETHTEL LEASE VAN WINKLE N 2HM WELL TUG HILL OPERATING

T.H. LATITUDE 39°47'30"  
B.H. LATITUDE 39°50'00"

T.H. LONGITUDE 80°42'30"  
B.H. LONGITUDE 80°45'00"



LINE	BEARING	DISTANCE
L1	S 28°27' W	247.76'
L2	S 59°20' W	1812.87'
L3	N 18°47' E	2305.53'
L4	S 69°59' E	2426.90'

CURVE	ARC LENGTH	RADIUS	CHORD BEARING	CHORD LENGTH
C1	178.23'	701.29'	S 34°41' W	177.75'
C2	376.94'	1272.53'	S 51°39' W	375.56'
C3	192.26'	305.43'	S 76°35' W	189.10'
C4	186.33'	469.93'	N 74°37' W	185.11'
C5	223.29'	690.40'	N 52°34' W	222.32'
C6	228.51'	922.66'	N 35°59' W	227.93'

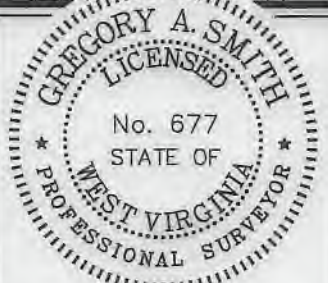


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P.S. 677 *Gregory A. Smith*

SCALE 1" = 2000' FILE NO. 8952P2HMR.dwg  
 VAN WINKLE N 2HM-REV3  
 DATE JANUARY 21, 2021  
 REVISED JUNE 1, 2022  
 OPERATORS WELL NO. VAN WINKLE N 2HM  
 API WELL NO. 47-051-023105 MDD  
 NO. 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)	(A)
LEASE # (SEE WW-6A1)	

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