

**HUNTER PETHTEL LEASE
VAN WINKLE N 6HM WELL
TUG HILL OPERATING**

9,670' B.H.

5,029' T.H.

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. 469,265.90	E. 1,623,895.43	
NAD'83 GEO.	LAT-(N) 39.781916	LONG-(W) 80.726229	
NAD'83 UTM (M)	N. 4,403,588.27	E. 523,443.20	
LANDING POINT			
NAD'83 S.P.C.(FT)	N. 469,530.9	E. 1,623,768.7	
NAD'83 GEO.	LAT-(N) 39.782640	LONG-(W) 80.726693	
NAD'83 UTM (M)	N. 4,403,668.6	E. 523,403.2	
BOTTOM HOLE			
NAD'83 S.P.C.(FT)	N. 477,520.6	E. 1,619,365.6	
NAD'83 GEO.	LAT-(N) 39.804406	LONG-(W) 80.742752	
NAD'83 UTM (M)	N. 4,406,080.2	E. 522,021.1	

T.H. LONGITUDE 80°42'30"
B.H. LONGITUDE 80°42'30"
3,553' T.H.

10,537' B.H.

NOTES ON SURVEY

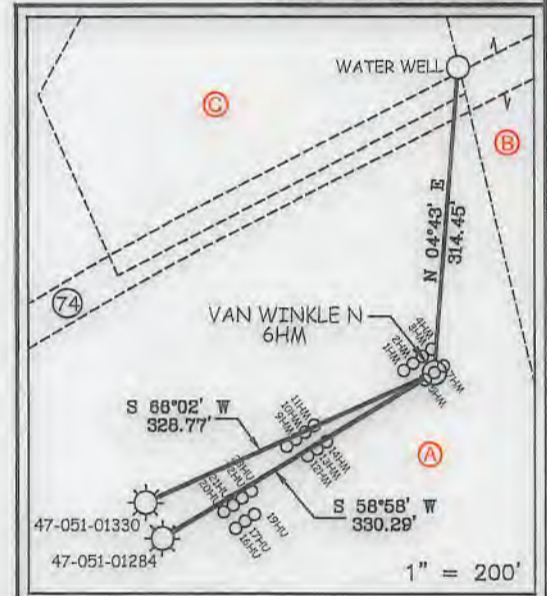
1. NO WATER WELLS WERE FOUND WITHIN 250' OF PROPOSED GAS WELL. NO AGRICULTURAL BUILDINGS ≥ 2500 SQ. FT. OR DWELLINGS WERE FOUND WITHIN 625' OF THE CENTER OF PROPOSED WELL PAD.
2. WELL SPOT CIRCLE & TOPO MARK SCALE IS 1"=2000'.
3. BASED ON WV DOT COUNTY ROUTE 74 IS A 40' STRIP OF LAND ACQUIRED IN NUMEROUS 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 | 304.256.8296
slsww.com

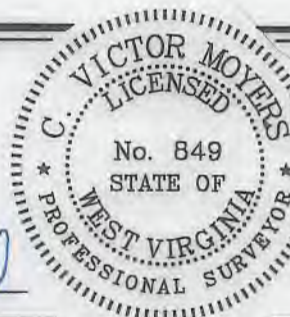


REFERENCES



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. *C. Victor Moyers*
849



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
DATE JANUARY 22, 20 21
REVISED _____
OPERATORS WELL NO. VAN WINKLE N 6HM
API WELL NO. 47 - 051 - 02364 HGA
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500
FILE NO. 8952P6HM.dwg
HORIZONTAL & VERTICAL CONTROL DETERMINED BY DGPS (SURVEY GRADE TIE TO CORS NETWORK)
SCALE 1" = 2000'
VAN WINKLE N 6HM-REV1

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

WELL TYPE: OIL _____ GAS INJECTION _____ WASTE DISPOSAL _____ IF "GAS" PRODUCTION STORAGE _____ DEEP _____ SHALLOW

LOCATION: GROUND: 756.80' ELEVATION PROPOSED: 753.50' WATERSHED FISH CREEK (HUC 10) DISTRICT MEADE COUNTY MARSHALL QUADRANGLE GLEN EASTON 7.5'

SURFACE OWNER XCL MIDSTREAM OPERATING, LLC ACREAGE 190.12 ±
ROYALTY OWNER DENNIS HUNTER, ET AL - SEE WW-6A1 ACREAGE 03/19/2021

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: 6,294' / TMD: 15,684'

WELL OPERATOR TUG HILL OPERATING, LLC DESIGNATED AGENT DIANNA STAMPER
ADDRESS 1320 SOUTH UNIVERSITY DRIVE, SUITE 500 ADDRESS 5400 D BIG TYLER ROAD
FORT WORTH, TX 76107 CHARLESTON, WV 25313

COUNTY NAME PERMIT

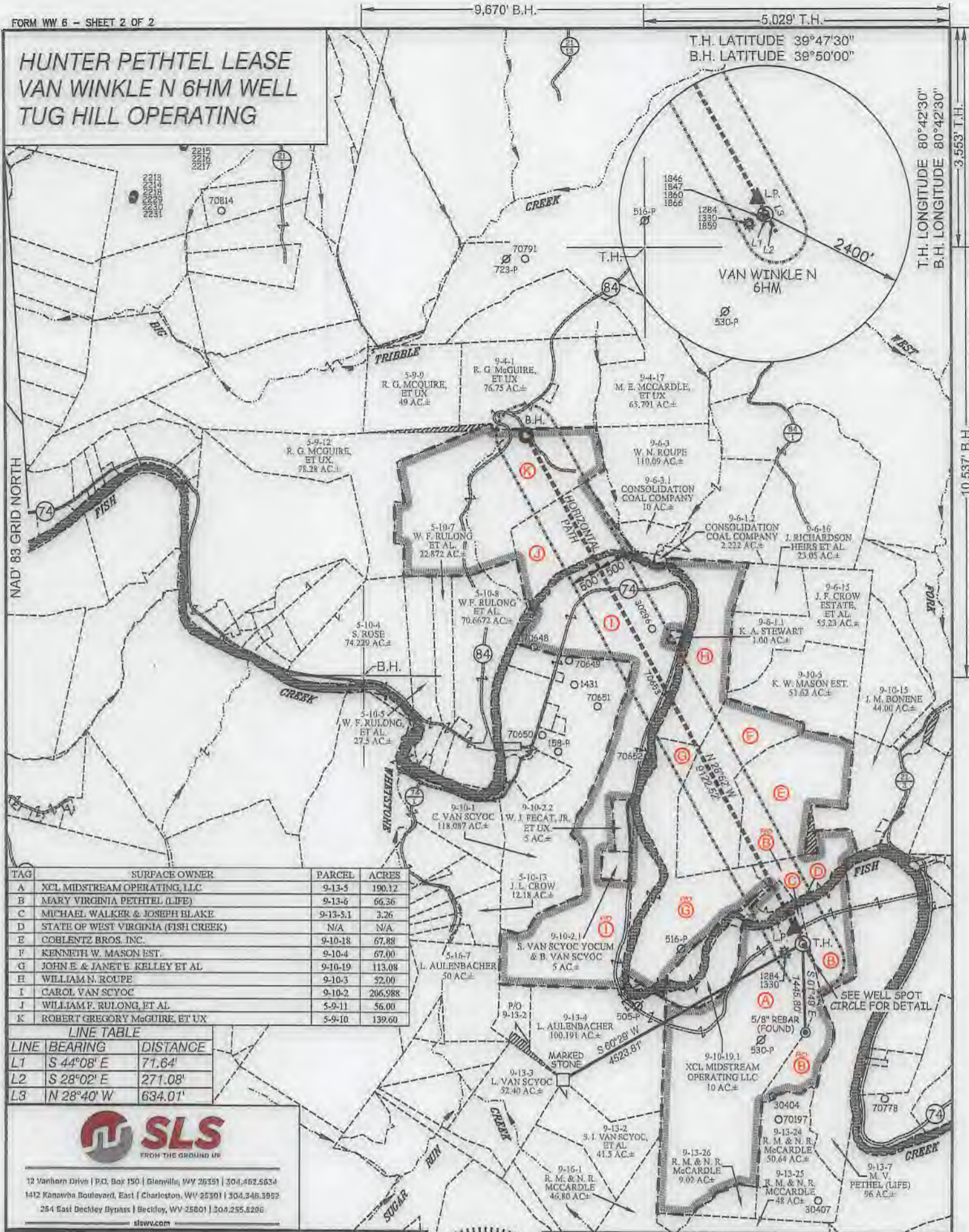
9,670' B.H.

5,029' T.H.

**HUNTER PETHTEL LEASE
VAN WINKLE N 6HM 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°42'30"



TAG	SURFACE OWNER	PARCEL	ACRES
A	XCL MIDSTREAM OPERATING, LLC	9-13-5	190.12
B	MARY VIRGINIA PETHTEL (LIFE)	9-13-6	66.36
C	MICHAEL WALKER & JOSEPH BLAKE	9-13-5.1	3.26
D	STATE OF WEST VIRGINIA (FISH CREEK)	N/A	N/A
E	COBLENZ BROS. INC.	9-10-18	67.88
F	KENNETH W. MASON EST.	9-10-4	67.00
G	JOHN E. & JANET E. KELLEY ET AL	9-10-19	113.08
H	WILLIAM N. ROUPE	9-10-3	52.00
I	CAROL VAN SCYOC	9-10-2	206.988
J	WILLIAM F. RULONG, ET AL	5-9-11	56.00
K	ROBERT GREGORY McGUIRE, ET UX	5-9-10	139.60

LINE TABLE

LINE	BEARING	DISTANCE
L1	S 44°08' E	71.64'
L2	S 28°02' E	271.08'
L3	N 28°40' W	634.01'



12 Vanhorn Drive | P.O. Box 190 | Glenview, 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
 slsw.com

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

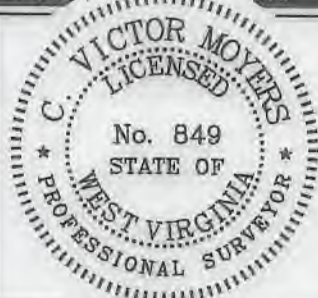
NAD'83 S.P.C.(FT)	N. 469,265.30	E. 1,623,895.43
NAD'83 GEO.	LAT-(N) 39.781916	LONG-(W) 80.726229
NAD'83 UTM (M)	N. 4,403,588.27	E. 523,443.20

LANDING POINT

NAD'83 S.P.C.(FT)	N. 469,530.9	E. 1,623,768.7
NAD'83 GEO.	LAT-(N) 39.782640	LONG-(W) 80.726693
NAD'83 UTM (M)	N. 4,403,668.6	E. 523,403.2

BOTTOM HOLE

NAD'83 S.P.C.(FT)	N. 477,520.6	E. 1,619,365.6
NAD'83 GEO.	LAT-(N) 39.804406	LONG-(W) 80.742752
NAD'83 UTM (M)	N. 4,406,080.2	E. 522,021.1



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

P.S. 849 *C. Victor Moyers*

SCALE 1" = 2000' FILE NO. 8952P6HM.dwg
 VAN WINKLE N 6HM-REV1
 DATE JANUARY 22, 20 21
 OPERATORS WELL NO. VAN WINKLE N 6HM
 API WELL NO. 47-051-02364
 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)	

WELL OPERATOR TUG HILL OPERATING, LLC DESIGNATED AGENT DIANNA STAMPER
 ADDRESS 1320 SOUTH UNIVERSITY DRIVE, SUITE 500 ADDRESS 5400 D BIG TYLER ROAD
 FORT WORTH, TX 76107 CHARLESTON, WV 25313

COUNTY NAME PERMIT