

**HUNTER PETHTEL LEASE
VAN WINKLE N 3HM WELL
TUG HILL OPERATING**

PARCEL	SURFACE ADJOINER	ACRES
5-9-24	DENNIS P. CADMUS	21 AC. 49 P.
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
9-10-1.2	JOSHUA A. & SHANNON N. HOYT	2.436
9-10-2.2	WALTER J. FECAT, JR., ET UX	5.00
9-10-12	JOSEPH LEE CROW	11.279
9-10-13	JOSEPH LEE CROW	12.18
9-10-21	JAMES & VICKIE J. MASON	2.00
9-10-22	JAMES & VICKIE J. MASON	1.169
9-13-4.1	H & L EQUIPMENT, LLC	0.449

5,042' T.H.		503' B.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. 469,282.16	E. 1,623,882.92
NAD'83 GEO.	LAT-(N) 39.781961	LONG-(W) 80.726274
NAD'83 UTM (M)	N. 4,403,593.34	E. 523,439.30
LANDING POINT		
NAD'83 S.P.C.(FT)	N. 468,488.7	E. 1,621,809.2
NAD'83 GEO.	LAT-(N) 39.779568	LONG-(W) 80.733611
NAD'83 UTM (M)	N. 4,403,325.8	E. 522,811.8
BOTTOM HOLE		
NAD'83 S.P.C.(FT)	N. 477,459.7	E. 1,616,825.1
NAD'83 GEO.	LAT-(N) 39.804142	LONG-(W) 80.751791
NAD'83 UTM (M)	N. 4,406,048.7	E. 521,247.5

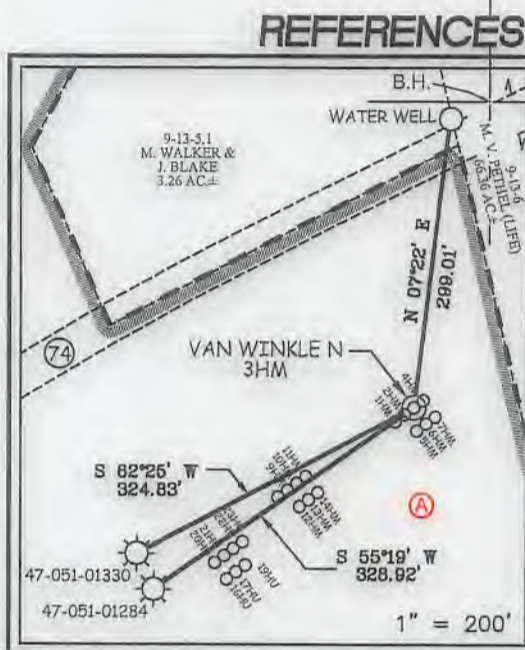
T.H. LONGITUDE 80°42'30"
B.H. LONGITUDE 80°45'00"
3,536' T.H.
10,633' B.H.

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.

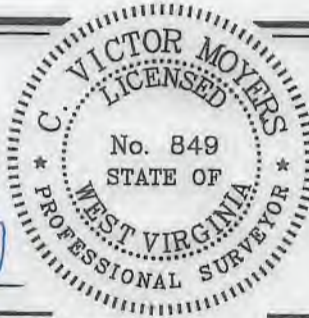


12 Vanhorn Drive | P.O. Box 150 | Glenville, WV 26351 | 304.462.5634
1412 Kanawha Boulevard, East | Charleston, WV 25301 | 304.346.3952
254 East Beckley Bypass | Beckley, WV 25801 | 304.255.5296
slswv.com



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. 849 *C. Victor Moyers*



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
DATE JANUARY 21, 20 21
REVISED _____
OPERATORS WELL NO. VAN WINKLE N 3HM
API WELL NO. 47 - 051 - 02366
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 8952P3HM.dwg
VAN WINKLE N 3HM-REV1
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: GROUND: 754.60' 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 190.2

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: 6,254' / TMD: 17,357'

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

COUNTY NAME
PERMIT

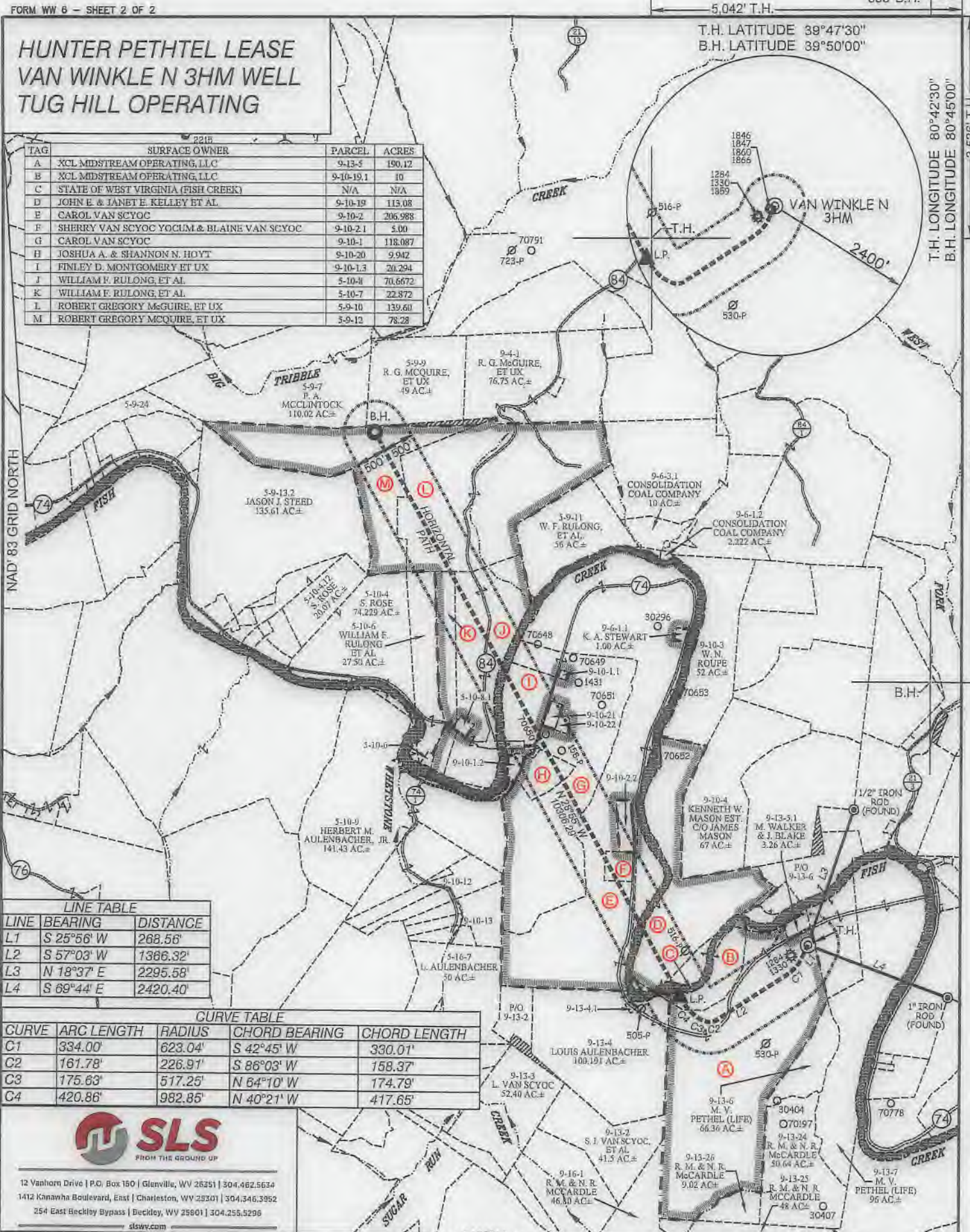
03/19/2021

HUNTER PETHTEL LEASE VAN WINKLE N 3HM WELL TUG HILL OPERATING

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B.H. LATITUDE 39°50'00"

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TAG	SURFACE OWNER	PARCEL	ACRES
A	XCL MIDSTREAM OPERATING, LLC	9-13-5	190.12
B	XCL MIDSTREAM OPERATING, LLC	9-10-19.1	10
C	STATE OF WEST VIRGINIA (FISH CREEK)	N/A	N/A
D	JOHN E. & JANET E. KELLEY ET AL	9-10-19	113.08
E	CAROL VAN SCYOC	9-10-2	206.988
F	SHERRY VAN SCYOC YOCUM & BLAINE VAN SCYOC	9-10-2.1	5.00
G	CAROL VAN SCYOC	9-10-1	118.087
H	JOSHUA A. & SHANNON N. HOYT	9-10-20	9.942
I	FINLEY D. MONTGOMERY ET UX	9-10-1.3	20.294
J	WILLIAM F. RULONG, ET AL	5-10-4	70.6672
K	WILLIAM F. RULONG, ET AL	5-10-7	22.872
L	ROBERT GREGORY McGUIRE, ET UX	5-9-10	139.60
M	ROBERT GREGORY McGUIRE, ET UX	5-9-12	78.28



LINE	BEARING	DISTANCE
L1	S 25°56' W	268.56'
L2	S 57°03' W	1366.32'
L3	N 18°37' E	2295.58'
L4	S 69°44' E	2420.40'

CURVE	ARC LENGTH	RADIUS	CHORD BEARING	CHORD LENGTH
C1	334.00'	623.04'	S 42°45' W	330.01'
C2	161.78'	226.91'	S 86°03' W	158.37'
C3	175.63'	517.25'	N 64°10' W	174.79'
C4	420.86'	982.85'	N 40°21' W	417.65'



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(S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)		
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P.S. 849 *C. Victor Moyers*

SCALE 1" = 2000' FILE NO. 8952P3HM.dwg
VAN WINKLE N 3HM-REV1
DATE JANUARY 21, 20 21
REVISED _____
OPERATORS WELL NO. VAN WINKLE N 1HM
API WELL NO. 47 - 051 - 02366
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)	

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

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