

10,902' T.H.

6,672' B.H.

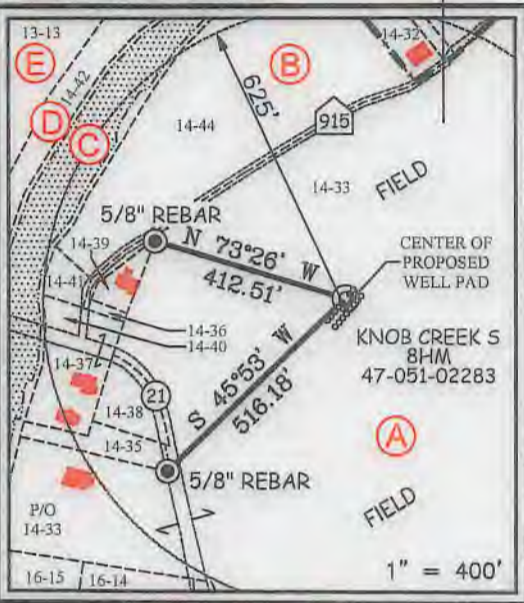
**KNOB CREEK S LEASE
WELL 8HM
TUG HILL OPERATING**

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

(S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)		
NAD'83 S.P.C.(FT)	N. 464,885.90	E. 1,629,676.72
NAD'83 GEO.	LAT-(N) 39.770108	LONG-(W) 80.705450
NAD'83 UTM (M)	N. 4,402,283.49	E. 525,226.79
LANDING POINT		
NAD'83 S.P.C.(FT)	N. 465,991.3	E. 1,629,638.6
NAD'83 GEO.	LAT-(N) 39.771494	LONG-(W) 80.705610
NAD'83 UTM (M)	N. 4,402,437.3	E. 525,212.6
BOTTOM HOLE		
NAD'83 S.P.C.(FT)	N. 457,782.1	E. 1,633,814.3
NAD'83 GEO.	LAT-(N) 39.750759	LONG-(W) 80.690397
NAD'83 UTM (M)	N. 4,400,140.3	E. 526,523.5

T.H. LONGITUDE 80°40'00"
B.H. LONGITUDE 80°40'00"

REFERENCES



MAP/PARCEL	ADJOINING SURFACE OWNER LIST	ACRES
9-13-13.1	THOMAS JOHN FOX	0.827
9-14-28	CHARLES R. SCHELLHASE, ET UX	3.029
9-14-29	TINA MARIE STRICKLIN	0.209
9-14-29.1	TINA MARIE STRICKLIN	1.171
9-14-30	WILLIAM C. GROFF, ET UX	0.35
9-14-31	WILFORD F. NELSON, JR., ET UX	0.934
9-14-32	TH EXPLORATION LLC	0.583
9-14-32.1	TH EXPLORATION LLC	0.184
9-14-35	PAUL G. FOX	0.338
9-14-36	MARGARET FOX - LIFE	1600 SQ. FT.
9-14-37	MARGARET FOX - LIFE	LOT (ASSD)
9-14-38	MARGARET FOX - LIFE	0.631
9-14-39	MARGARET FOX - LIFE	8673 SQ. FT.
9-14-40	MARGARET FOX - LIFE	19,560 SQ. FT.
9-14-41	HARRY FOX, ET UX	9163 SQ. FT.
9-14-43	JAMES G. FOX	0.66
9-14-44.1	GEORGE R. TAYLOR, ET UX	4.423
9-14-51	GEORGE R. TAYLOR, ET UX	1.621
9-14-52	JAMES E. PEELMAN	0.439
9-14-53	JAMES E. PEELMAN	0.555
9-14-54	RICHARD L. HARVETH	1.649
9-16-13.2	ELEANOR M. FOX EST.	1.570
9-16-13.4	JOHN FOX	0.333
9-16-14	LYNN CAMP METHODIST CHURCH	0.762
9-16-13.1	ERIC J. YOUNG	1.98
9-16-16	CLINTON B. WHITELATCH, SR., ET UX ESTS	1 AC. 3.6/10 PO.
9-16-17	ELEANOR M. FOX EST.	0.741
9-16-18.1	ROBIN D. & DAVID G. STEWART	3.333

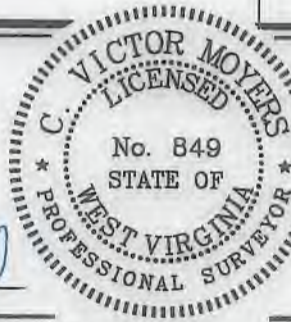
7,853' T.H.
14,901' B.H.

12 Vashon Drive | P.O. Box 150 | Glenville, WV 26351 | 304.462.6634
1412 Kanawha Boulevard, East | Charleston, WV 25301 | 304.346.3952
294 East Beckley Bypass | Beckley, WV 25801 | 304.255.2296
slsvv.com

NOTES ON SURVEY

- NO WATER WELLS WERE FOUND WITHIN 250' OF PROPOSED GAS WELL. NO AGRICULTURAL BUILDINGS ≥ 2500 SQ. FT. WERE FOUND WITHIN 825' OF THE CENTER OF PROPOSED WELL PAD.
- SEE REFERENCES FOR DWELLINGS LOCATED 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.

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 JULY 27, 20 18
REVISED 9-30-19, 8-28-20, 10-29-20, 1-25-21
OPERATORS WELL NO. KNOB CREEK S-8HM
API WELL NO. 47 - 051 - 02283 MOD PERMIT
STATE COUNTY

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 8789P8HMR4.dwg
KNOB CREEK S-8HM-REV5
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: ELEVATION 737.50' WATERSHED FISH CREEK (HUC 10)
DISTRICT MEADE COUNTY MARSHALL QUADRANGLE B.H. - WILEYVILLE 7.5'
T.H. - GLEN EASTON 7.5'

SURFACE OWNER DAVID LEE FRANKLIN ACREAGE 65.824±
ROYALTY OWNER DAVID LEE FRANKLIN, ET AL - SEE WW-6A1 ACREAGE 03/19/2021

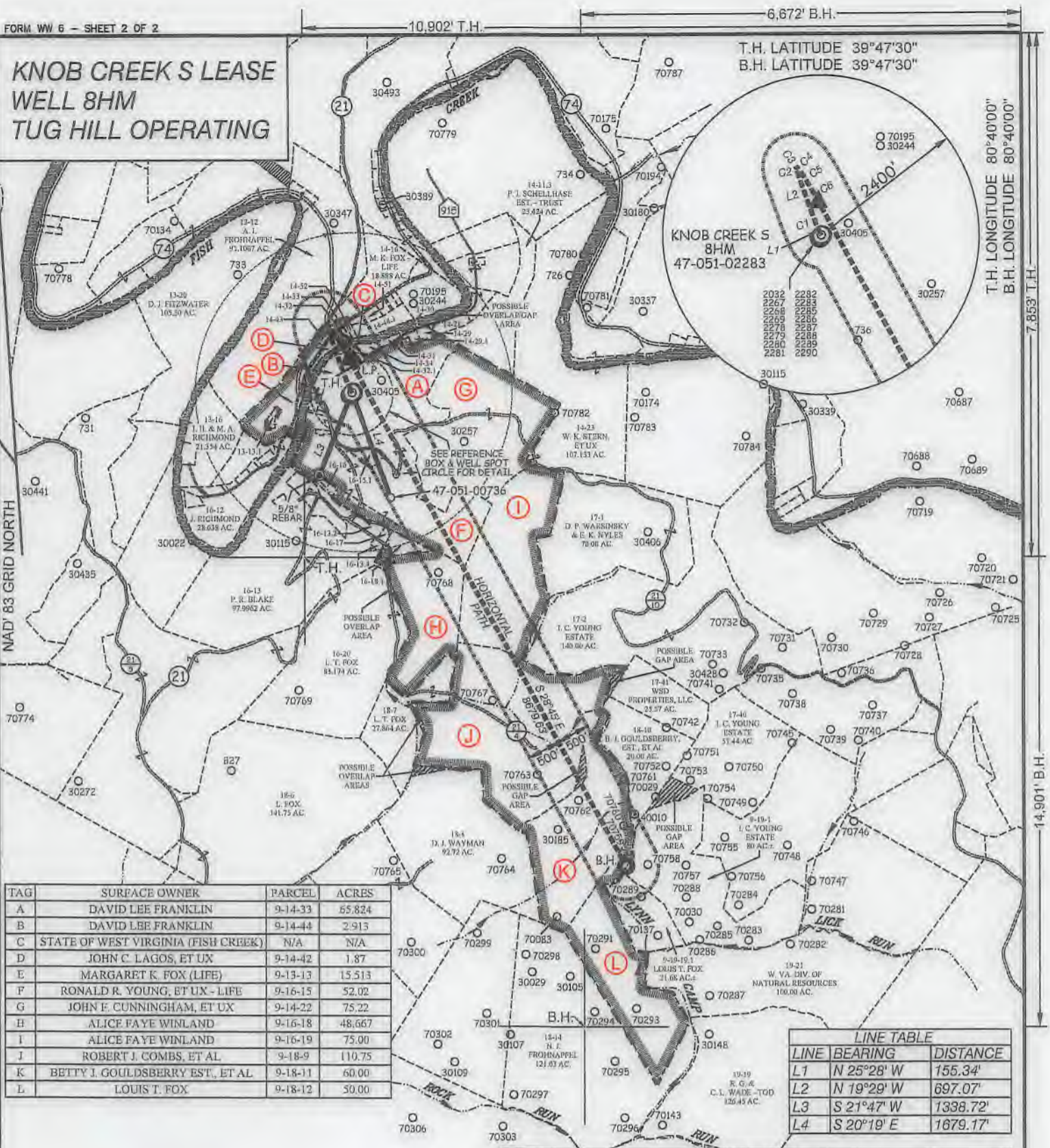
PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER

PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION MARCELLUS
ESTIMATED DEPTH TVD: 6,353' / TMD: 15,453'

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

**KNOB CREEK S LEASE
WELL 8HM
TUG HILL OPERATING**



TAG	SURFACE OWNER	PARCEL	ACRES
A	DAVID LEE FRANKLIN	9-14-33	65.824
B	DAVID LEE FRANKLIN	9-14-44	2.913
C	STATE OF WEST VIRGINIA (FISH CRBEK)	N/A	N/A
D	JOHN C. LAGOS, ET UX	9-14-42	1.87
E	MARGARET K. FOX (LIFE)	9-13-13	15.513
F	RONALD R. YOUNG, ET UX - LIFE	9-16-15	52.02
G	JOHN E. CUNNINGHAM, ET UX	9-14-22	75.22
H	ALICE FAYE WINLAND	9-16-18	48.667
I	ALICE FAYE WINLAND	9-16-19	75.00
J	ROBERT J. COMBS, ET AL	9-18-9	110.75
K	BETTY J. GOULDSBERRY EST., ET AL	9-18-11	60.00
L	LOUIS T. FOX	9-18-12	50.00

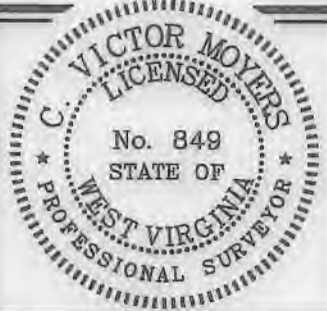
LINE	BEARING	DISTANCE
L1	N 25°28' W	155.34'
L2	N 19°29' W	697.07'
L3	S 21°47' W	1338.72'
L4	S 20°19' E	1679.17'

CURVE	ARC LENGTH	RADIUS	CHORD BEARING	CHORD LENGTH
C1	188.07'	3714.66'	N 20°30' W	188.05'
C2	46.54'	166.28'	N 10°29' W	46.39'
C3	8.57'	4.42'	N 50°41' E	7.29'
C4	41.29'	126.81'	S 47°49' E	41.11'
C5	312.25'	2601.02'	S 32°56' E	312.07'
C6	263.09'	10593.76'	S 29°32' E	263.08'



12 Vanhorn Drive | P.O. Box 150 | Glenville, WV 26031 | 304.462.5634
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 254 East Beckley Bypass | Beckley, WV 25801 | 304.255.5296
 slsvv.com

(S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)			
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(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

P.S. 849 *C. Victor Moyers*

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)	

SCALE 1" = 2000' FILE NO. 8789P8HMR4.dwg
 KNOB CREEK S-8HM-REV5
 DATE JULY 27, 2018
 REVISED 9-30-19, 8-28-20, 10-29-20, 1-25-21
 OPERATORS WELL NO. KNOB CREEK S-8HM
 API WELL NO. 47-051-02283
 NO. STATE COUNTY PERMIT

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

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

COUNTY NAME PERMIT