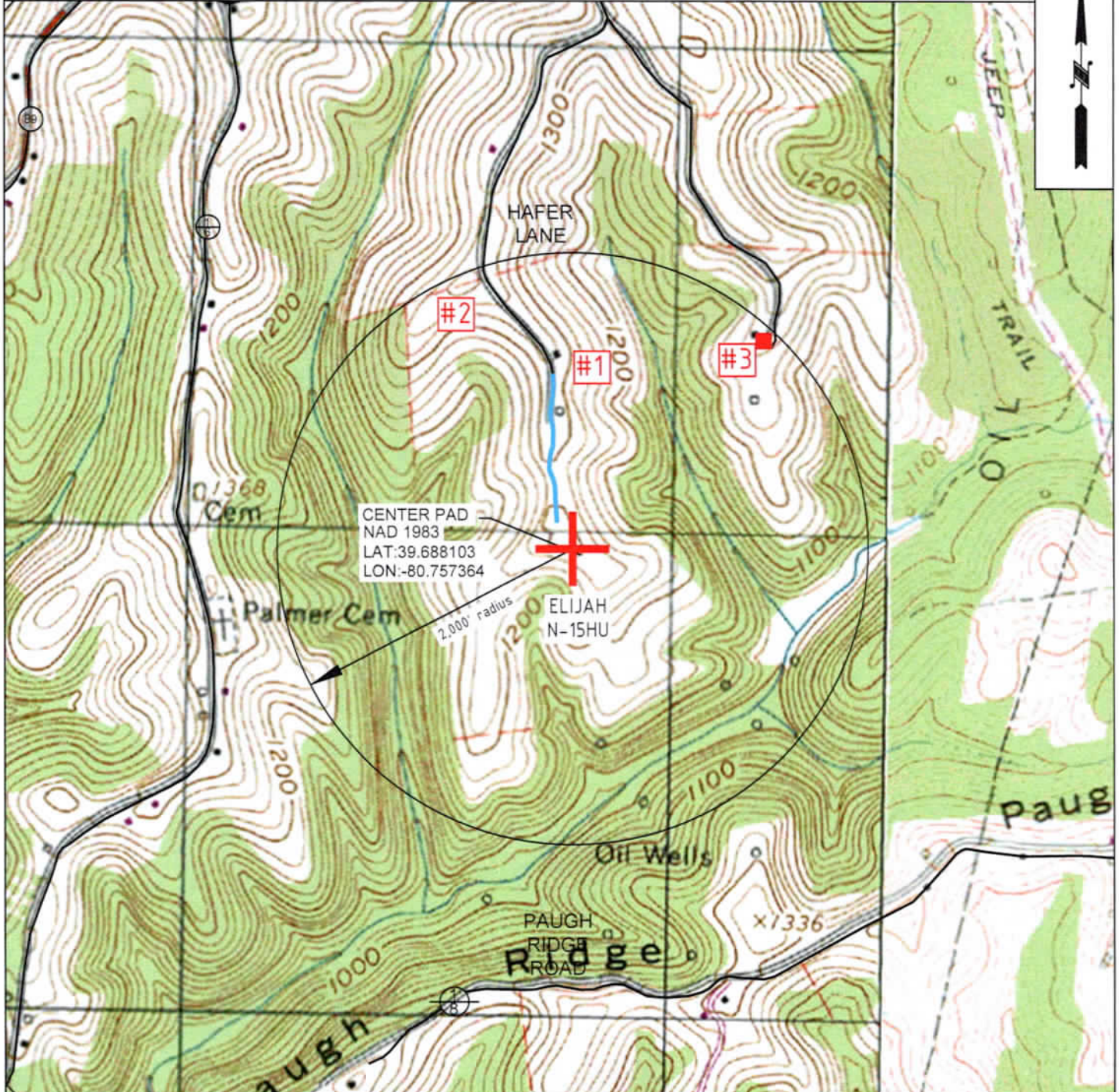


# Elijah Well Pad

4710303595

THERE APPEARS TO BE THREE (3) RESIDENCE & ZERO (0) BUSINESSES, CHURCHES, SCHOOLS, OR EMERGENCY FACILITIES WITHIN 1500'.



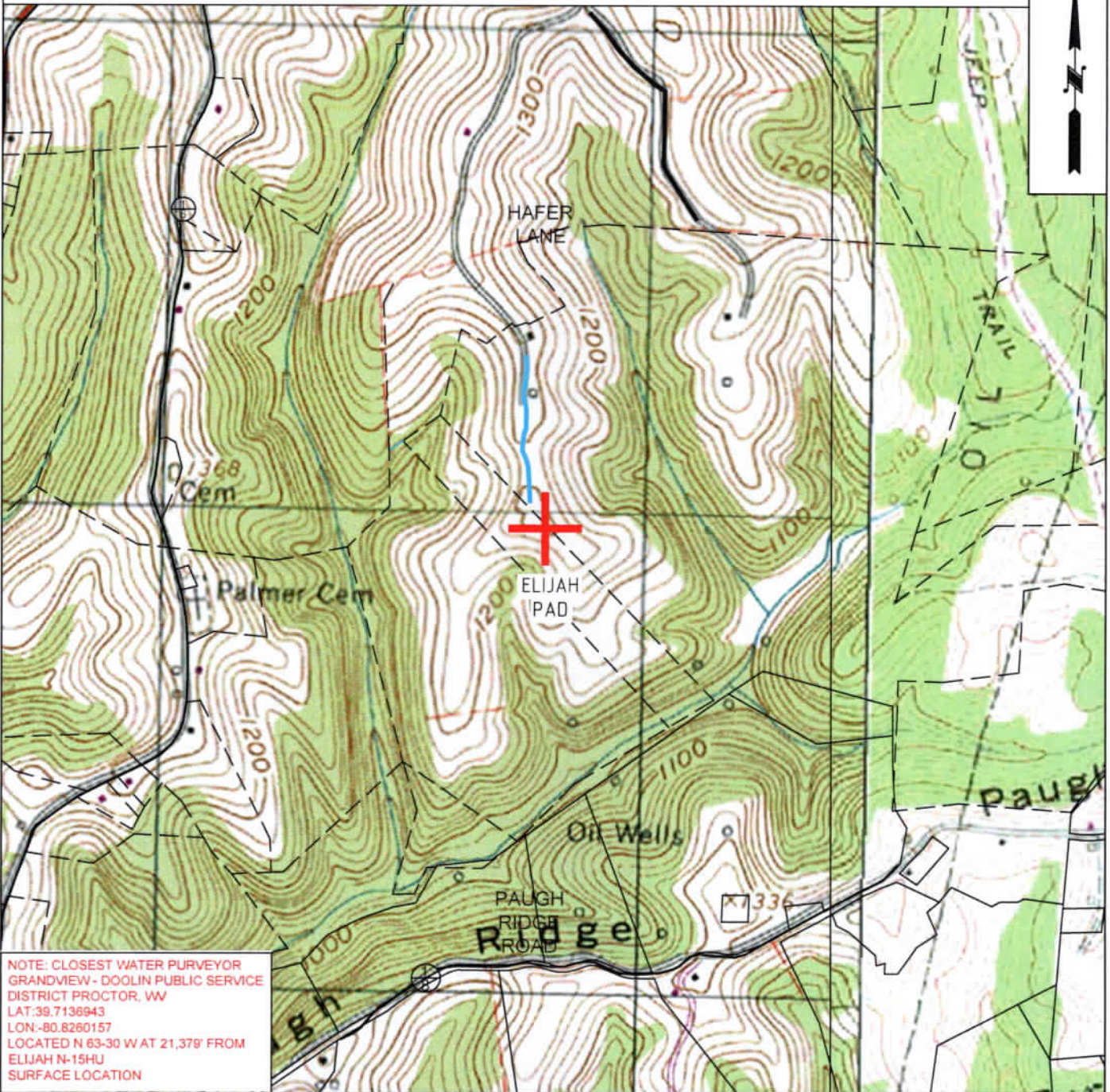
OPERATOR	494510851	TOPO SECTION	LEASE NAME
TUG HILL OPERATING, LLC 380 SOUTHPONTE BLVD SUITE 200 CANONSBURG, PA 15317		WILEYVILLE 7.5'	ELIJAH
		SCALE:	DATE:
		1" = 1000'	DATE: 12-16-2021

08/18/2023

WW-9

# PROPOSED ELIJAH PAD

SUPPLEMENT PG 2



	OPERATOR	494510851	TOPO SECTION	LEASE NAME
	TUG HILL OPERATING, LLC 380 SOUTHPONTE BLVD SUITE 200 CANONSBURG, PA 15317		NEW MARTINSVILLE 7.5'	ELIJAH
			SCALE: 1" = 1000'	DATE: DATE: 12-01-2021

08/18/2023

WW-9

SUPPLEMENT PG 1

**PROPOSED ELIJAH PAD**

12-7-21  
CHARLES & JUDITH ROSE - L.E.  
CHARLES D. ROSE JR., ET AL.  
DB 427-667  
18 AC

12-7-31.1  
NANCY JAYNE &  
MARK J DAVIS  
DB 333-412  
0.808 AC

12-7-31.2  
NANCY J. & MARK J DAVIS  
DB 331-92  
17.37 AC

12-7-31  
WILLIAM C. CROSS JR. IRREV TRUST  
DB 422-275  
(PARCEL TWO)  
72.57 AC

12-7-29  
WILLIAM C. CROSS  
JR. IRREV TRUST  
DB 422-275  
(PARCEL THREE)  
171.0 AC

12-7-30  
WILLIAM C. CROSS  
JR. IRREV TRUST  
DB 422-275  
(PARCEL ONE)  
19.75 AC

REFERENCE IS HEREBY MADE TO THE WV D.E.P. OFFICE OF OIL & GAS, "EROSION AND SEDIMENT CONTROL FIELD MANUAL" FOR REQUIREMENTS AND BMPs FOR AVERAGE FIELD CONDITIONS CONCERNING THE MAINTENANCE OF EXISTING ROADS AND THE CONSTRUCTION OF PROPOSED ROADS. FIELD CONDITIONS MAY REQUIRE VARIANCE FROM THESE GUIDELINES AND THE EARTHWORK CONTRACTOR IS RESPONSIBLE FOR NOTIFICATION TO THE INSPECTOR AND THE OPERATOR SHOULD THESE CONDITIONS OCCUR.

INSTALL CULVERTS AS SHOWN ON RECLAMATION PLAN OR AS FIELD CONDITIONS REQUIRE.

ENTRANCES ONTO PUBLIC ROADS SHALL BE CONSTRUCTED OR MAINTAINED IN ACCORDANCE WITH WV D.O.T. REGULATIONS. ADDITIONAL PERMITS MAY BE REQUIRED.

TEMPORARILY SEED AND MULCH ALL SLOPES UPON CONSTRUCTION OF LOCATION.

ALL CUT AND FILL SLOPES ARE 2H : 1V SLOPE.

ALL TREES 6-INCHES AND ABOVE ARE TO BE CUT AND STACKED. BRUSH SLASHINGS ARE TO UTILIZED DOWN SLOPE OF SITE AND STRUCTURES TO ACT AS A CONTROL BARRIER IF AVAILABLE.

DRAWING NOT TO SCALE.



**LEGEND**

Note:  
 (C) - Denotes existing culvert with appropriate sediment outlet control (Rip Rap splash pad).  
 --- Silt Fence and or Sediment and Erosion Control Measure.  
 - - - Surface Boundary  
 - . . . LOD  
 - - - Fence Line

**Jackson Surveying Inc.**  
 2410 E. Main St. #112  
 Charleston, WV 25301  
 Phone: 204-823-5861

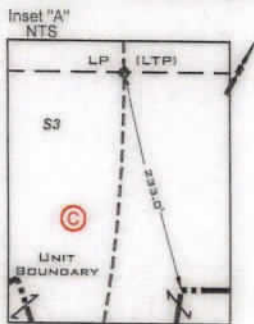
TOPO SECTION:		OPERATOR:	
NEW MARTINSVILLE 75'		TUG HILL OPERATING, LLC	
COUNTY	DISTRICT	380 SOUTHPOINTE BLVD	
WETZEL	PROCTOR	SUITE 200	
DRAWN BY	OPERATOR NO.	DATE	SCALE
J.D.C	494510851	12-01-2021	NONE

**TUG HILL OPERATING**

08/18/2023

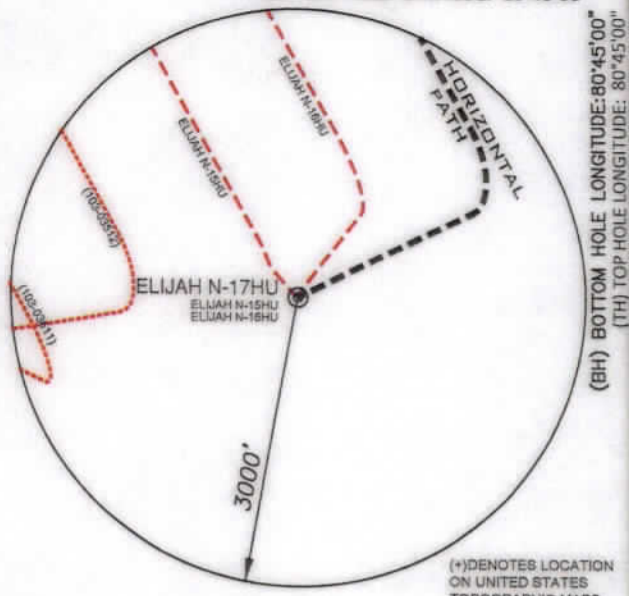
**ELIJAH N-17HU**  
**UTICA UNIT - 488.9759± ACRES**  
**TUG HILL OPERATING, LLC**

(BH) 8,616'  
 (TH) 2,160'  
 TOP HOLE LATITUDE: 39°42'30"  
 BOTTOM HOLE LATITUDE: 39°45'00"



**LEGEND**

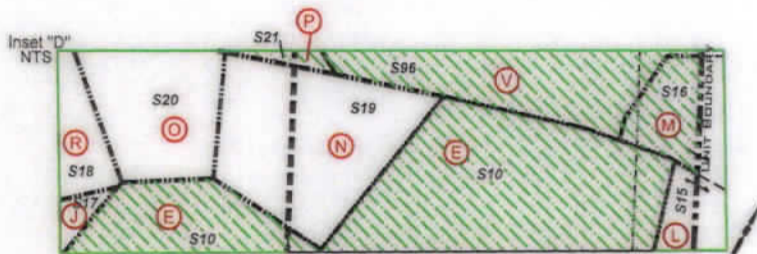
- LEASE TRACTS
- SURFACE TRACTS
- WELL LATERAL
- POINT PLEASANT LEGS
- UNIT BOUNDARY
- LEASE # (SEE 6A1 FORM)
- 400' BORE PATH OFFSET
- 500' WELL BORE OFFSET
- (FTP) PROPOSED FIRST TAKE POINT
- (LTP) PROPOSED LAST TAKE POINT
- FORCED POOL TRACT



(BH) BOTTOM HOLE LONGITUDE: 80°45'00"  
 (TH) TOP HOLE LONGITUDE: 80°45'00"  
 (BH) 6,458'  
 (TH) 7,336'

**NOTES**

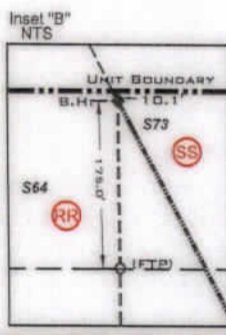
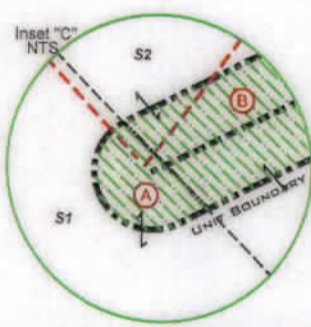
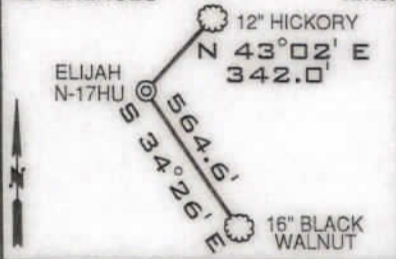
- BORE PATH BASED ON GRID NORTH.
- NO WATER WELLS WITHIN 250' OF WELL WERE FOUND, NO DWELLINGS WITHIN 625' OF PAD CENTER WERE FOUND.
- OWNERSHIP TAKEN FROM PUBLIC RECORDS OF WETZEL COUNTY, WV IN NOVEMBER, 2021. TAG TRACT OWNERSHIPS UPDATED IN MAY, 2023. COORDINATES AND WELL TIES BASED UPON DIFFERENTIAL GPS MEASUREMENTS.
- WELL LOCATION REFERENCES ARE BASED UPON THE MAGNETIC MERIDIAN.
- ALL DEEP WELLS WITHIN 1,000' ARE SHOWN ON THIS PLAT.
- BOUNDARIES ALONG ROADWAYS ARE BASED UPON MEMORANDUM BY DICKIE, MCCAMEY & CHILCOTE, P.C. FILE 0058304.0401147.
- LP & LTP ARE THE SAME POINT.



**DETAIL SKETCH "A" N.T.S.**

ELIJAH N-15HU  
 ELIJAH N-16HU  
 ELIJAH N-17HU

**REFERENCES N.T.S.**



<b>SURFACE HOLE</b> UTM. NAD83, ZONE 17 IN METERS
N) 4,393,181.41 E) 520,795.60
<b>LANDING POINT</b> UTM. NAD83, ZONE 17 IN METERS
N) 4,393,735.22 E) 521,333.86
<b>BOTTOM HOLE</b> UTM. NAD83, ZONE 17 IN METERS
N) 4,398,071.64 E) 518,814.99

LINE	BEARING	DISTANCE
L1	N 80°56' W	1088.95'
L2	S 32°03' W	1851.49'
L3	N 63°52' E	2031.81'

CURVE	CHORD BEARING	CHORD LENGTH	RADIUS	ARC LENGTH
C1	N 47°58' E	100.32'	208.26'	101.32'
C2	N 20°17' E	168.15'	357.54'	169.74'
C3	N 01°31' W	259.85'	764.41'	261.12'
C4	N 18°24' W	327.40'	1261.26'	328.32'
C5	N 27°11' W	109.78'	1579.09'	109.80'

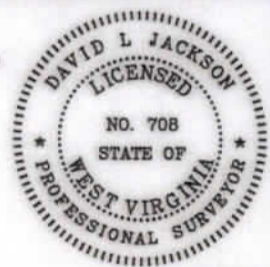
FILE NUMBER \_\_\_\_\_  
 DRAWING NUMBER: ELIJAH\_N-17HU\_REV1  
 SCALE: 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY: 1/200  
 PROVEN SOURCE OF ELEVATION: SUBMETER MAPPING  
GRADE GPS

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 RULES ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION

P.S. 708

*David L Jackson*

JACKSON SURVEYING INC.  
 P.O. Box 1460  
 Clarksburg, WV 26302  
 304-623-5851



SEAL

WVDEP  
 OFFICE OF OIL & GAS  
 601 57TH STREET, SE  
 CHARLESTON, WV 25304

DATE: JULY 25, 2023

OPERATORS WELL NO. ELIJAH N-17HU  
 API WELL NO.

47-103-03595  
 STATE COUNTY PERMIT

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS") PRODUCTION X STORAGE \_\_\_ DEEP X SHALLOW \_\_\_

LOCATION ELEVATION 1275.8' WATERSHED (HUC 10) PROCTOR CREEK OF FRENCH CREEK - OHIO RIVER (HUC-10)

DISTRICT PROCTOR COUNTY WETZEL

QUADRANGLE NEW MARTINSVILLE 7.5' LEASE NUMBER SEE WW-6A1 FORM

SURFACE OWNER TRUSTEES OF THE WILLIAM CROSS SUB TRUST; FBO CRISTA E KING, ET AL ACREAGE 19.75

OIL & GAS ROYALTY OWNER TRUSTEES OF THE WILLIAM CROSS SUB TRUST; FBO CRISTA E KING, ET AL LEASE ACREAGE 19.75

PROPOSED WORK: DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION \_\_\_  
 PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE (SPECIFY) \_\_\_\_\_

PLUG & ABANDON \_\_\_ CLEAN OUT & REPLUG \_\_\_

TARGET FORMATION POINT PLEASANT ESTIMATED DEPTH TVD: 11,834' TMD: 29,016'

WELL OPERATOR TUG HILL OPERATING, LLC DESIGNATED AGENT DARREN BROWN, CT CORP

ADDRESS 1320 SOUTH UNIVERSITY DRIVE, SUITE 500 FORT WORTH, TX 76107 ADDRESS 5098 WASHINGTON STREET WEST, SUITE 407 CHARLESTON, WV 25313-1561

COUNTY NAME PERMIT

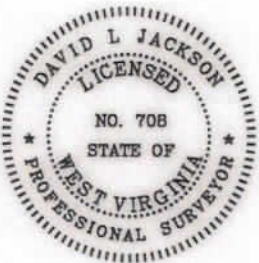
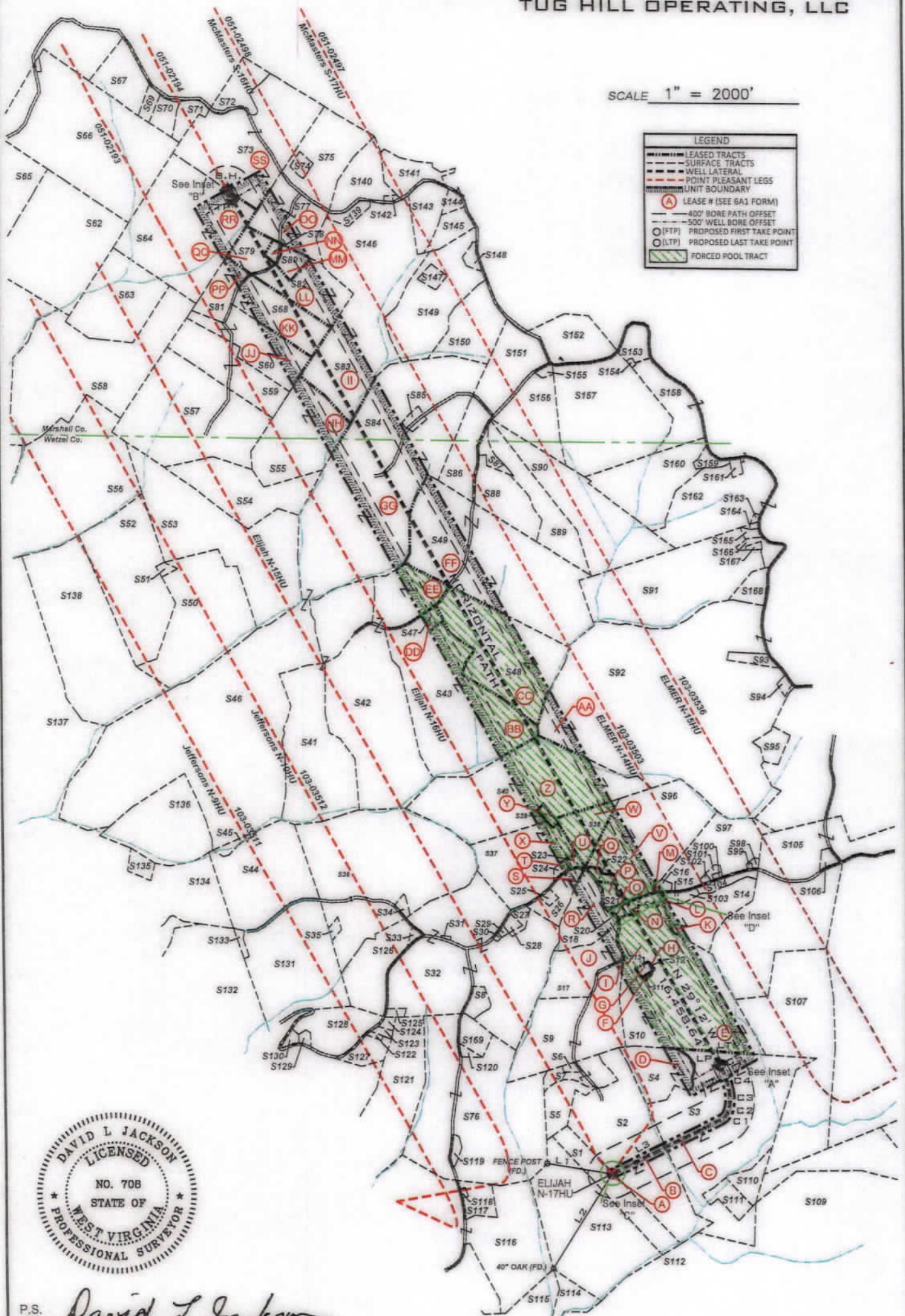
08/18/2023

# ELIJAH N-17HU UTICA UNIT - 488.9759± ACRES TUG HILL OPERATING, LLC

SCALE 1" = 2000'

**LEGEND**

- LEASED TRACTS
- SURFACE TRACTS
- WELL LATERAL
- POINT PLEASANT LEGS
- UNIT BOUNDARY
- (A) LEASE # (SEE 6A1 FORM)
- 400' BORE PATH OFFSET
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- (FTP) PROPOSED FIRST TAKE POINT
- (LTP) PROPOSED LAST TAKE POINT
- ▨ FORCED POOL TRACT



P.S. 708  
*David L Jackson*

08/18/2023



## TUG HILL OPERATING

OPERATOR'S  
 WELL #: ELIJAH N-17HU  
 DISTRICT: Proctor  
 COUNTY: Wetzel  
 STATE: WV  
 API #: 47-103-

WELL PLAT  
 PAGE 2 OF 4  
 DATE: 07/25/2023