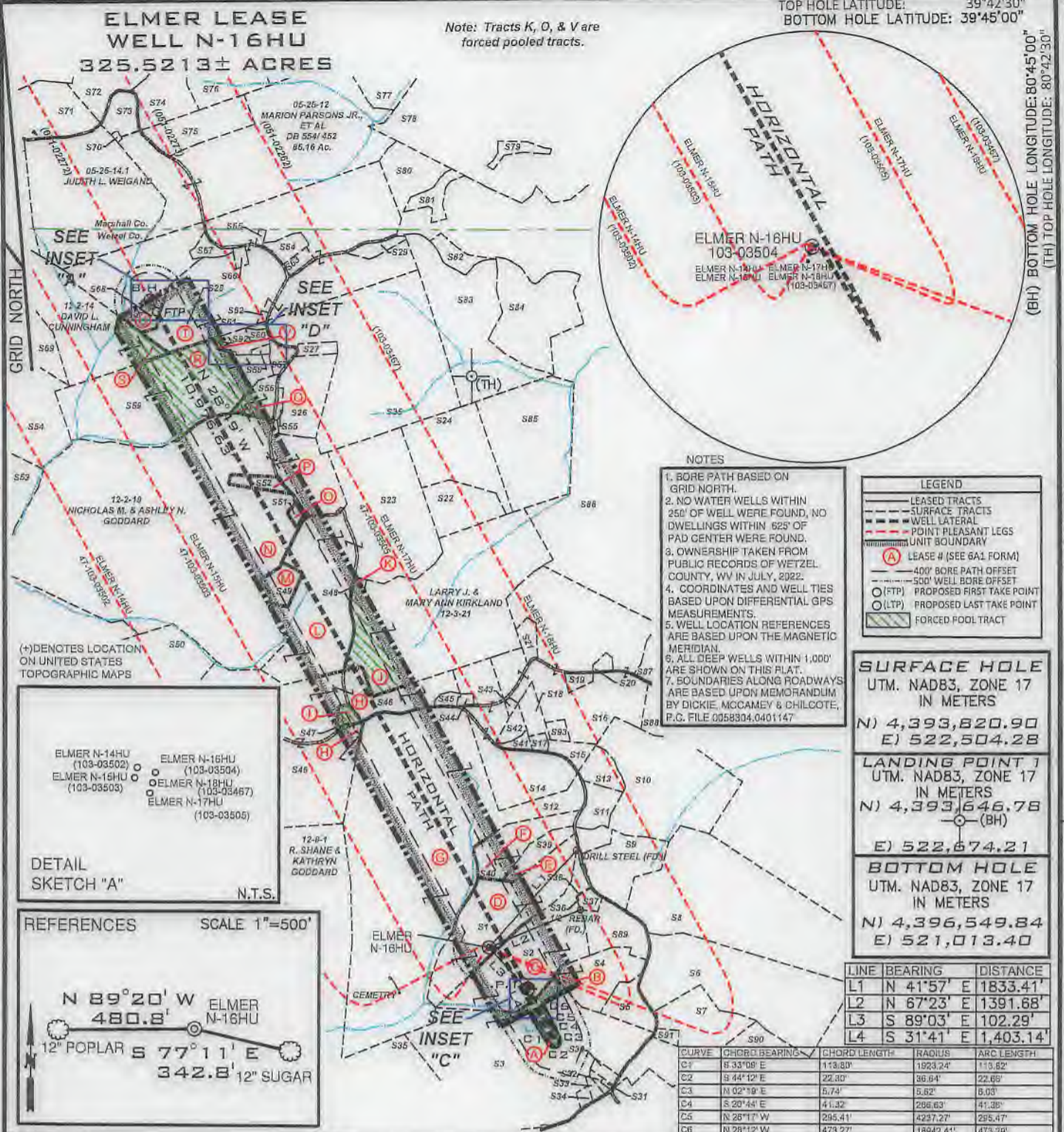


# ELMER LEASE WELL N-16HU 325.5213± ACRES

Note: Tracts K, O, & V are forced pooled tracts.

TOP HOLE LATITUDE: 39°42'30"  
BOTTOM HOLE LATITUDE: 39°45'00"



### NOTES

1. BORE PATH BASED ON GRID NORTH.
2. NO WATER WELLS WITHIN 250' OF WELL WERE FOUND, NO DWELLINGS WITHIN 625' OF PAD CENTER WERE FOUND.
3. OWNERSHIP TAKEN FROM PUBLIC RECORDS OF WETZEL COUNTY, WV IN JULY, 2022.
4. COORDINATES AND WELL TIES BASED UPON DIFFERENTIAL GPS MEASUREMENTS.
5. WELL LOCATION REFERENCES ARE BASED UPON THE MAGNETIC MERIDIAN.
6. ALL DEEP WELLS WITHIN 1,000' ARE SHOWN ON THIS PLAT.
7. BOUNDARIES ALONG ROADWAYS ARE BASED UPON MEMORANDUM BY DICKIE, MCCAMEY & CHILCOTE, P.C. FILE 0058304,0401147

### LEGEND

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

**SURFACE HOLE**  
UTM. NAD83, ZONE 17  
IN METERS

N) 4,393,820.90  
E) 522,504.28

**LANDING POINT 1**  
UTM. NAD83, ZONE 17  
IN METERS

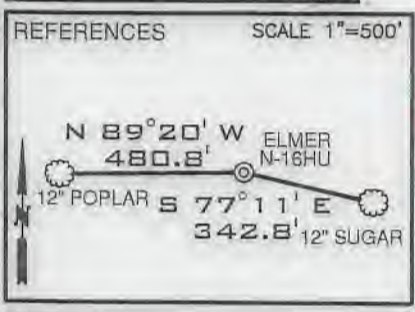
N) 4,393,646.78  
E) 522,674.21

**BOTTOM HOLE**  
UTM. NAD83, ZONE 17  
IN METERS

N) 4,396,549.84  
E) 521,013.40

LINE	BEARING	DISTANCE
L1	N 41°57' E	1833.41'
L2	N 67°23' E	1391.68'
L3	S 89°03' E	102.29'
L4	S 31°41' E	1,403.14'

CURVE	CHORD BEARING	CHORD LENGTH	RADIUS	ARC LENGTH
C1	S 33°09' E	113.80'	1923.24'	115.62'
C2	S 44°12' E	22.30'	36.84'	22.69'
C3	N 02°19' E	5.74'	5.82'	5.03'
C4	S 20°44' E	41.32'	298.63'	41.39'
C5	N 26°17' W	295.41'	4237.27'	295.47'
C6	N 28°12' W	473.27'	18942.41'	473.29'



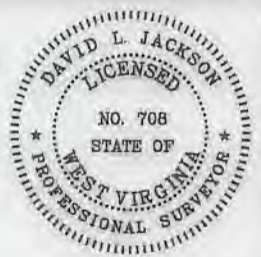
FILE NUMBER \_\_\_\_\_  
DRAWING NUMBER ELMER\_N-16HU\_REV1  
SCALE 1" = 2000'  
MINIMUM DEGREE OF ACCURACY 1/200

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  
STATE OF WEST VIRGINIA  
DAVID L. JACKSON  
WEST VIRGINIA SURVEYOR

*David L Jackson*  
JACKSON SURVEYING INC.  
P.O. Box 1480  
Clarksburg, WV 26302  
304-623-5851



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

DATE: JULY 27, 2022  
REVISED: SEPTEMBER 28, 2022  
OPERATORS WELL NO. ELMER N-16HU  
API WELL NO. 47-103-03504  
STATE COUNTY PERMIT

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
(IF "GAS") PRODUCTION X STORAGE \_\_\_ DEEP X SHALLOW \_\_\_  
LOCATION ELEVATION 1276.50' WATERSHED (HUC 10) PROCTOR CREEK OF FRENCH CREEK - OHIO RIVER (HUC-10)  
DISTRICT PROCTOR COUNTY WETZEL  
QUADRANGLE WILEYVILLE 7.5' LEASE NUMBER SEE WW-6A1 FORM

SURFACE OWNER ELNORA TUTTLE HRS. ACREAGE 39.19  
OIL & GAS ROYALTY OWNER HENRY & NANCY GARNER - SEE WW-6A1 LEASE ACREAGE 39.19  
PROPOSED WORK: DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION \_\_\_  
PERFORMATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE (SPECIFY) \_\_\_\_\_

TARGET FORMATION POINT PLEASANT PLUG & ABANDON \_\_\_ CLEAN OUT & REPLUG \_\_\_  
ESTIMATED DEPTH TVD: 11,946' TMD: 23,525'

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

10/21/2022

COUNTY NAME PERMIT

