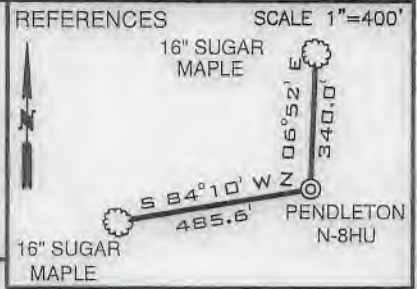
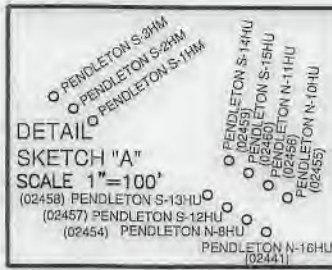


**PENDLETON LEASE
WELL N-8HU
332.6022± ACRES**

TOP HOLE LATITUDE: 39°47'30"
BOTTOM HOLE LATITUDE: 39°47'30"

LEGEND

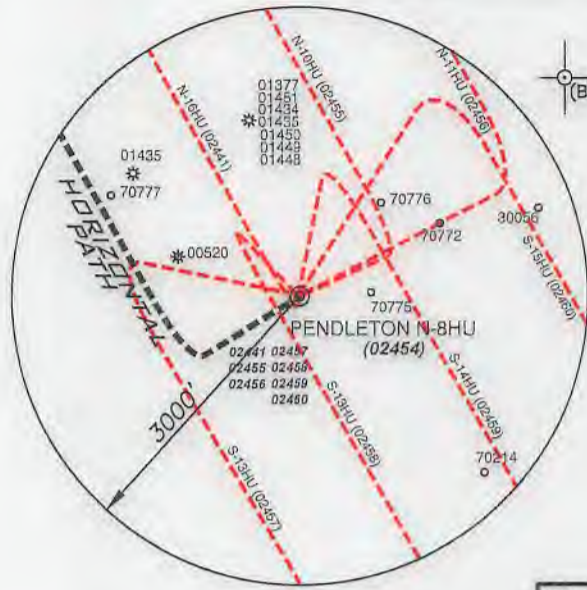
- LEASED TRACTS
- SURFACE TRACTS
- WELL LATERAL
- POINT PLEASANT LEGS
- UNIT BOUNDARY
- (A) LEASE # (SEE 6A1 FORM)
- 400' BORE PATH OFFSET
- 500' WELL BORE OFFSET
- (FTP) PROPOSED FIRST TAKE POINT
- (LTP) PROPOSED LAST TAKE POINT



GRID NORTH

Deep Wells Within 2400' of Proposed Well's Surface Location and/or 500' of Well Lateral

| API | OPERATOR |
|--------------|-------------------------|
| 47-051-02441 | Tug Hill Operating, LLC |
| 47-051-02455 | Tug Hill Operating, LLC |
| 47-051-02456 | Tug Hill Operating, LLC |
| 47-051-02457 | Tug Hill Operating, LLC |
| 47-051-02458 | Tug Hill Operating, LLC |
| 47-051-02459 | Tug Hill Operating, LLC |
| 47-051-02460 | Tug Hill Operating, LLC |



(BH) BOTTOM HOLE LONGITUDE: 80°45'00"
(TH) TOP HOLE LONGITUDE: 80°42'30"

(BH) 4,518'
(TH) 13,958'

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 MARSHALL COUNTY, WV IN MAY 2022. COORDINATES AND WELL TIES BASED UPON DIFFERENTIAL GPS MEASUREMENTS.
- WELL LOCATION REFERENCES ARE BASED UPON THE MAGNETIC MERIDIAN.
- ALL DEEP WELLS SHOWN ON THIS PLAT.
- BOUNDARIES ALONG ROADWAYS ARE BASED UPON MEMORANDUM BY DICKIE, MCGAMEY & CHILCOTE, P.C. FILE 0058304.0401147

| CURVE | CHORD BEARING | CHORD LENGTH | RADIUS | ARC LENGTH |
|-------|---------------|--------------|----------|------------|
| C1 | S 75°17' W | 31.95' | 56.98' | 32.38' |
| C2 | N 72°07' W | 63.31' | 130.03' | 63.95' |
| C3 | N 51°29' W | 121.94' | 453.38' | 122.32' |
| C4 | N 41°01' W | 170.06' | 1250.66' | 170.19' |
| C5 | N 35°12' W | 215.30' | 2715.25' | 215.36' |
| C6 | N 31°14' W | 264.24' | 4075.64' | 264.29' |

SURFACE HOLE
UTM. NAD83, ZONE 17
IN METERS
N) 4,400,420.44
E) 522,802.29

LANDING POINT 1
UTM. NAD83, ZONE 17
IN METERS
N) 4,400,414.16
E) 522,330.48

BOTTOM HOLE
UTM. NAD83, ZONE 17
IN METERS
N) 4,403,290.41
E) 520,643.26

| LINE | BEARING | DISTANCE |
|------|------------|-----------|
| L1 | N 01°03' E | 2,869.31' |
| L2 | N 76°05' W | 2,399.54' |
| L3 | S 58°15' W | 1,163.34' |

(+) DENOTES LOCATION ON UNITED STATES TOPOGRAPHIC MAPS

FILE NUMBER _____
DRAWING NUMBER: **PENDLETON N-8HU**
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 1480
Clarksburg, WV 26302
304-623-5851



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



DATE: AUGUST 3, 2022
OPERATORS WELL NO. PENDLETON N-8HU
API WELL NO. 47-051-02454
STATE COUNTY PERMIT

LOCATION ELEVATION 1271.82' WATERSHED (HUC 10) FISH CREEK
DISTRICT FRANKLIN COUNTY MARSHALL
QUADRANGLE GLEN EASTON 7.5' LEASE NUMBER SEE WW-6A1 Form

SURFACE OWNER ALPINE FARM, LLC ACREAGE 249.07
OIL & GAS ROYALTY OWNER ELI A. & FANNIE MAE WENGERD, ET AL LEASE ACREAGE 249.07
PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE (SPECIFY) _____

08/19/2022

TARGET FORMATION POINT PLEASANT ESTIMATED DEPTH TVD: 11,759' TMD: 23,061'

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

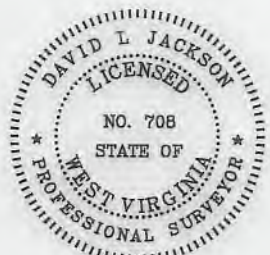
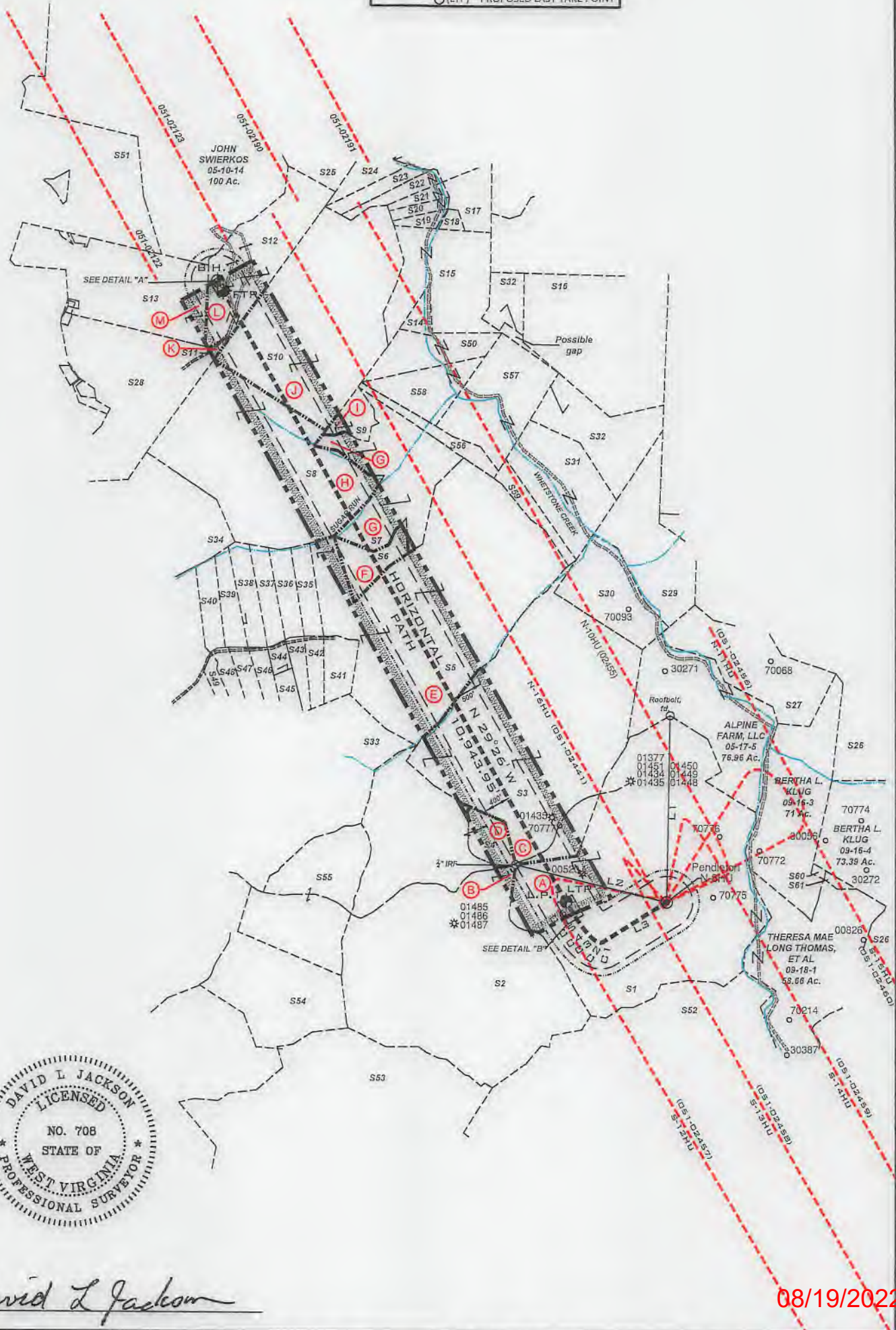
COPY NAME PERMIT

PENDLETON LEASE WELL N-8HU 332.6022± ACRES

LEGEND

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

GRID NORTH

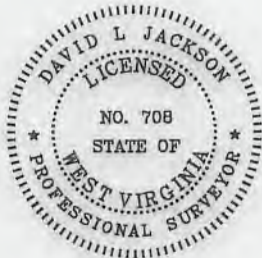
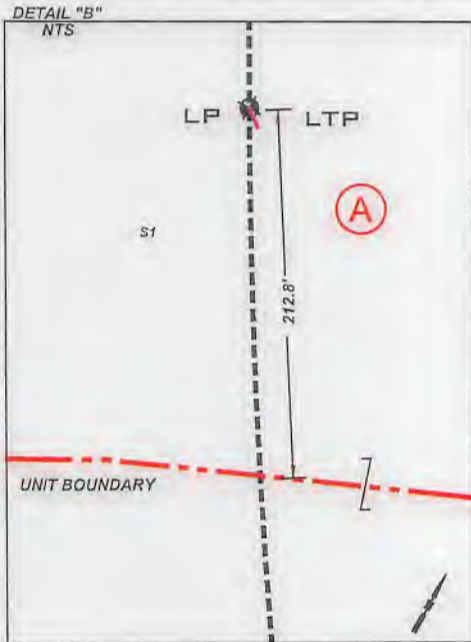
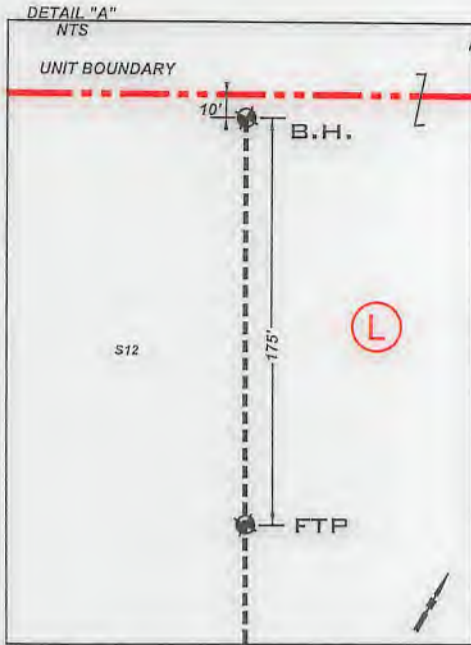


P.S. 708 *David L Jackson*

08/19/2022

| | | | | |
|--|------------|--------------|-----------------|---|
| | OPERATOR'S | WELL #: | PENDLETON N-8HU | WELL PLAT PAGE 2 OF 4 DATE: 08/03/2022 |
| | DISTRICT: | Franklin | | |
| | COUNTY: | Marshall | | |
| | STATE: | WV | | |
| | API: | 47-051-02454 | | |

**PENDLETON LEASE
WELL N-8HU
332.6022± ACRES**



P.S. 708 *David L Jackson*

| Parcels within Unit Boundary | | | | |
|-----------------------------------|-----------------|---|--|---------|
| Tags | Number | Tax Map -Parcel | Surface Owner | Acres |
| A | S1 | 05-17-6 | ALPINE FARM LLC | 249.07 |
| B | S2 | 05-17-8 | ROGER H HALL JR. | 257.50 |
| C | S3 | 05-17-4 | ALPINE FARM LLC | 212 |
| D | S4 | 05-17-07 | ALPINE FARM LLC | 10.8 |
| E | S5 | 05-17-3 | SOUTHERN COUNTRY FARMS, INC | 180.132 |
| F | S6 | 05-16-16 | SOUTHERN COUNTRY FARMS, INC | 9.75 |
| G | S7 | 05-16-17 | RICHARD D & JULIA M REPASKY; BRIAN L TESLOVICH & CARA C DAVIS | 55.34 |
| H | S8 | 05-16-19 | BETHANY A REDO & ROBERT W RAHM | 129.16 |
| I | S9 | 05-16-18 | JOHN SWIERKOS | 10.0 |
| J | S10 | 05-16-6 | JOHN SWIERKOS | 134.05 |
| K | S11 | 05-16-04 | JOHN SWIERKOS | 0.96 |
| L | S12 | 05-16-5 | JOHN SWIERKOS | 52.07 |
| M | S13 | 05-16-03 | DONNA VIVIAN YOHO | 71.205 |
| Adjoining Parcels Ownership Table | | | | |
| Number | Tax Map -Parcel | Surface Owner | Acres | |
| S14 | 05-16-10 | FRANK P LAUTAR, EST. | 5.0 | |
| S15 | 05-16-07 | LOUIS AULENBACHER | 50.0 | |
| S16 | 09-13-04 | LOUIS AULENBACHER | 100.191 | |
| S17 | 05-10-13 | JOSEPH LEE CROW | 12.18 | |
| S18 | 05-10-13.1 | DAVID LEE QUIGLEY, JR | 2.88 | |
| S19 | 05-10-19 | LOUIS AULENBACHER | 3.209 | |
| S20 | 05-10-20 | LOUIS AULENBACHER | 3.554 | |
| S21 | 05-10-21 | LOUIS AULENBACHER | 3.677 | |
| S22 | 05-10-22 | LOUIS AULENBACHER | 4.276 | |
| S23 | 05-10-12.1 | JOHN PAUL SMITH, JR ET AL | 8.86 | |
| S24 | 05-10-10 | LOUIS DELBERT VAN SCYOC | 24.50 | |
| S25 | 05-10-09 | HERBERT M AULENBACHER, JR | 141.43 | |
| S26 | 09-16-05 | ROBERT M & NANCY R MCCARDLE | 133.0 | |
| S27 | 09-16-02 | ROBERT & NANCY MCCARDLE | 53.40 | |
| S28 | 05-16-25 | JOHN SWIERKOS | 79.04 | |
| S29 | 09-16-01 | ROBERT M & NANCY R MCCARDLE | 46.80 | |
| S30 | 05-16-13 | DAVID ALAN RUBCICH ET AL | 33.31 | |
| S31 | 09-13-01 | LOUIS VAN SCYOC | 46.81 | |
| S32 | 09-13-02 | SYLVIA VAN SCYOC & WONETTA V & NORMAN G JOHNSON (LIFE) | 41.5 | |
| S33 | 05-17-02 | COLBY HOMER & BELLE M YOHO | 104.08 | |
| S34 | 05-16-21 | JAMES M RUCKMAN ET UX | 60.75 | |
| S35 | 05-17-16 | GLEN A GUNTO | 9.702 | |
| S36 | 05-16.15.1 | GLEN A GUNTO | 10.17 | |
| S37 | 05-17-15 | GLEN A GUNTO | 10.220 | |
| S38 | 05-18-13 | SOUTHERN COUNTRY FARMS, INC | 11.054 | |
| S39 | 05-18-13.9 | ROY & RENEE BUTLER (LIFE) | 9.603 | |
| S40 | 05-18-13.4 | RENEE D STREIGHT BUTLER (LIFE) | 9.938 | |
| S41 | 05-17-3.1 | WILBUR L RIDDLE, ET UX | 10.148 | |
| S42 | 05-17-1.6 | LOLA M SLAUGHTER | 6.347 | |
| S43 | 05-17-1.5 | DONNIE R & LOLA M SLAUGHTER | 5.607 | |
| S44 | 05-17-1.2 | DONNIE R & LOLA M SLAUGHTER | 5.073 | |
| S45 | 05-17-1.3 | JODY & MICHELLE ANDERSON | 5.00 | |
| S46 | 05-17-1.1 | DONNIE R & LOLA M SLAUGHTER | 8.076 | |
| S47 | 05-17-1.4 | DONNIE R & LOLA M SLAUGHTER | 8.844 | |
| S48 | 05-17-14 | SOUTHERN COUNTRY FARMS, INC | 7.314 | |
| S49 | 05-17-13 | ROY E & RENEE D BUTLER | 5.433 | |
| S50 | 05-16-8 | LOUIS AULENBACHER | 21.0 | |
| S51 | 05-10-15 | TERRY A & JODI L HARDING | 120.805 | |
| S52 | 05-24-02 | ROY FRIEND YOHO | 316.80 | |
| S53 | 05-24-1 | LINDA L HENDRICKSON | 175 | |
| S54 | 05-17-9.4 | VICKI L BOWEN | 60.3 | |
| S55 | 05-17-9 | LLOYD RICHARD OLIVER ET UX | 61.6 | |
| S56 | 05-16-11 | GERTRUDE HOLTZ | 9.93 | |
| S57 | 09-13-03 | LOUIS VAN SCYOC | 52.40 | |
| S58 | 05-16-09 | LOUIS AULENBACHER | 20.0 | |
| S59 | 05-16-12 | LOUIS VAN SCYOC | 10.80 | |
| S60 | 09-18-4 | BERTHA L KLUG | 1 | |
| S61 | 09-18-3 | BERTHA L KLUG | 1.33 | |

08/19/2022



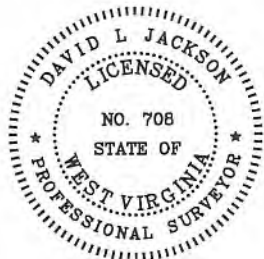
**TUG HILL
OPERATING**

OPERATOR'S
WELL #: PENDLETON N-8HU
DISTRICT: Franklin
COUNTY: Marshall
STATE: WV
API: 47-051-02454

WELL PLAT
PAGE 3 OF 4
DATE: 08/03/2022

**PENDLETON LEASE
WELL N-8HU
332.6022± ACRES**

| LEASE ID | TMP | TAG | GRANTOR, LESSOR, ETC. | DEED BOOK/PAGE | |
|------------|---------|-----|-----------------------------------|----------------|-----|
| ✓ 10*14114 | 5-17-6 | A | ELI & FANNIE MAE WENGERD | 671 | 323 |
| 10*14460 | 5-17-8 | B | GERTRUD GODDARD, ET AL | 735 | 515 |
| ✓ 10*14125 | 5-17-4 | C | SHIBEN ESTATES INC | 695 | 460 |
| ✓ 10*14125 | 5-17-7 | D | SHIBEN ESTATES INC | 695 | 460 |
| ✓ 10*14099 | 5-17-3 | E | SOUTHERN COUNTRY FARMS INC | 666 | 489 |
| ✓ 10*21953 | 5-16-16 | F | LORNA MARIE LEW, ET AL | 959 | 480 |
| ✓ 10*18126 | 5-16-17 | G | BARBARA ANN ADKINS JOHNSON, ET AL | 929 | 556 |
| ✓ 10*19129 | 5-16-19 | H | VERLA FLORENCE SHUTLER, ET AL | 761 | 366 |
| 10*21468 | 5-16-18 | I | JOHN A SWIERKOS | 953 | 317 |
| ✓ 10*21468 | 5-16-6 | J | JOHN A SWIERKOS | 953 | 317 |
| 10*21468 | 5-16-4 | K | JOHN A SWIERKOS | 953 | 317 |
| ✓ 10*14919 | 5-16-5 | L | CHESTNUT HOLDINGS INC | 836 | 117 |
| 10*19340 | 5-16-3 | M | DONNA V YOHO | 665 | 407 |



P.S. 708 *David L Jackson*

08/19/2022



TUG HILL
OPERATING

OPERATOR'S
WELL #: PENDLETON N-8HU
DISTRICT: Franklin
COUNTY: Marshall
STATE: WV
API: 47-051-02454

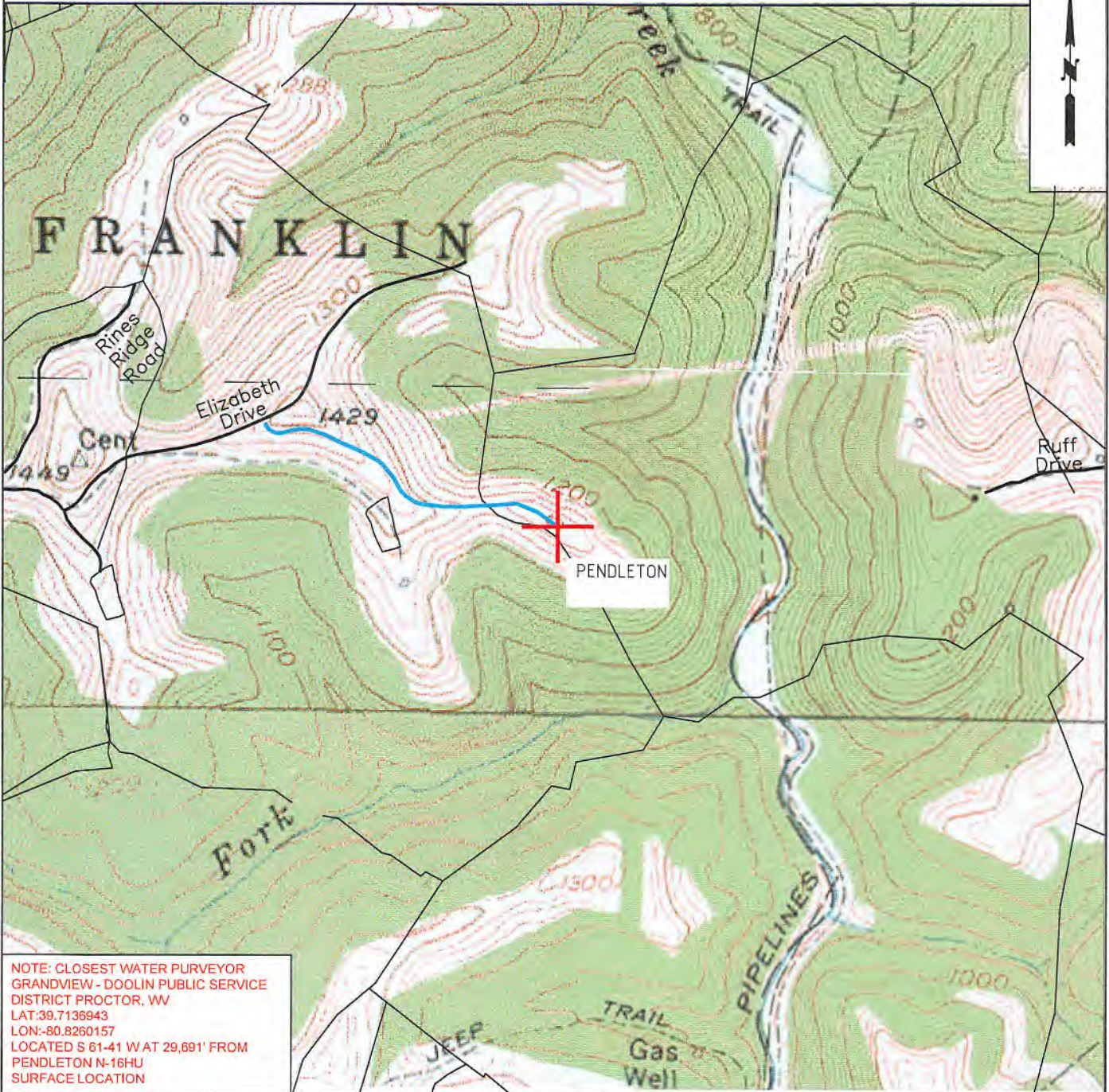
WELL PLAT
PAGE 4 OF 4
DATE: 08/03/2022

WW-9


SUPPLEMENT PG. 2

Pendleton Pad

THERE APPEAR TO BE NO (0) RESIDENCES WITHIN 2,000'.



NOTE: CLOSEST WATER PURVEYOR
 GRANDVIEW - DOOLIN PUBLIC SERVICE
 DISTRICT PROCTOR, WV
 LAT:39.7136943
 LON:-80.8260157
 LOCATED S 61-41 W AT 29,691' FROM
 PENDLETON N-16HU
 SURFACE LOCATION

| | | | |
|--|--|---|--|
|  TUG HILL OPERATING | OPERATOR 494510851 | TOPO SECTION | LEASE NAME |
| | TUG HILL OPERATING, LLC 380 SOUTHPOINTE BLVD SUITE 200 CANONSBURG, PA 15317 | GLEN EASTON 7.5' | PENDING RECEIVED <small>Office of Oil and Gas</small> |
| | SCALE: 1" = 1000' | DATE: JUN 06 2022 DATE: 03-16-2022 | |