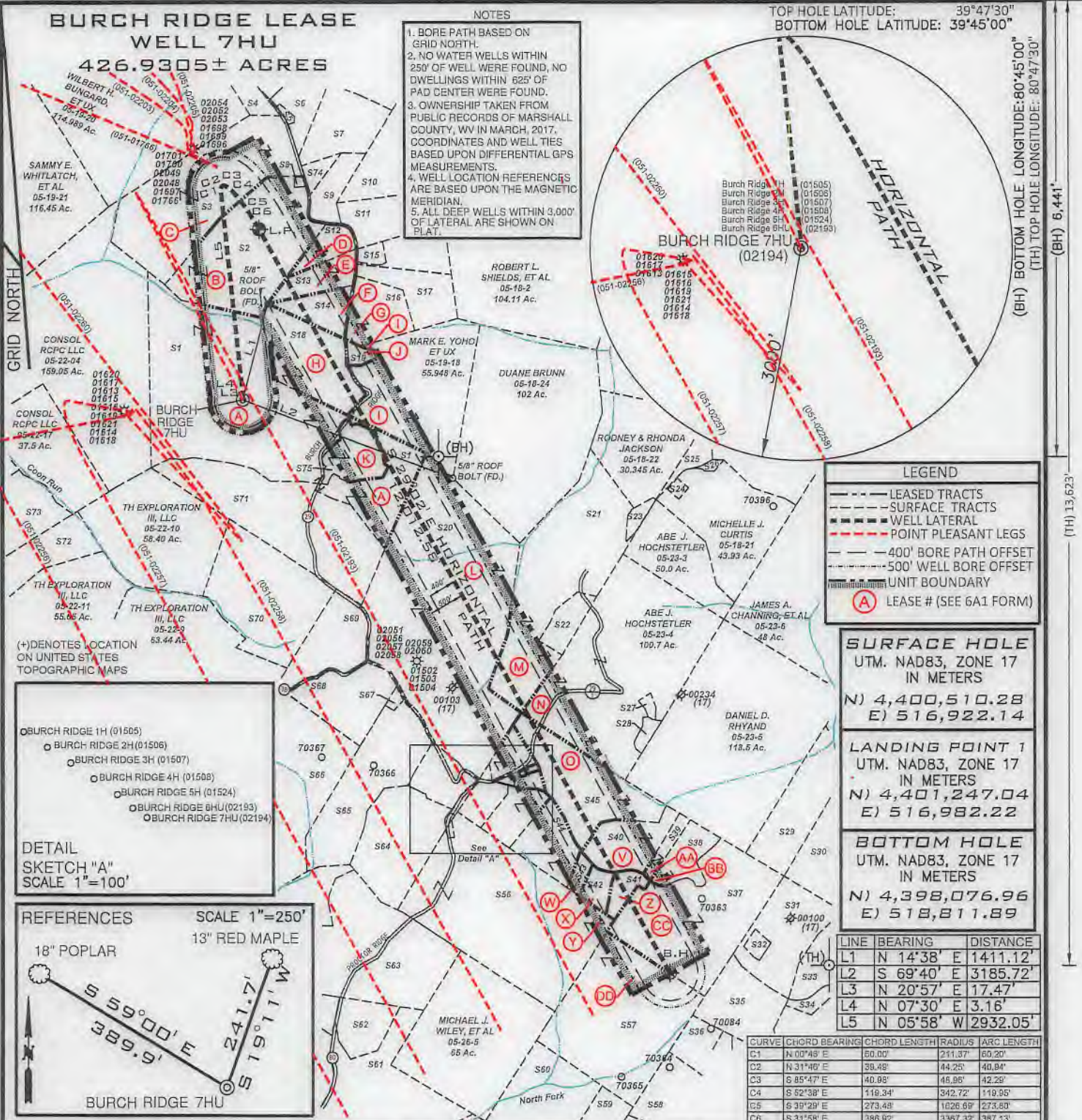


# BURCH RIDGE LEASE WELL 7HU 426.9305± ACRES

### 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 MARSHALL COUNTY, WV IN MARCH, 2017. COORDINATES AND WELL TIES BASED UPON DIFFERENTIAL GPS MEASUREMENTS.
4. WELL LOCATION REFERENCES ARE BASED UPON THE MAGNETIC MERIDIAN.
5. ALL DEEP WELLS WITHIN 3,000' OF LATERAL ARE SHOWN ON PLAT.

TOP HOLE LATITUDE: 39°47'30"  
BOTTOM HOLE LATITUDE: 39°45'00"



### LEGEND

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

**SURFACE HOLE**  
UTM. NAD83, ZONE 17  
IN METERS  
N) 4,400,510.28  
E) 516,922.14

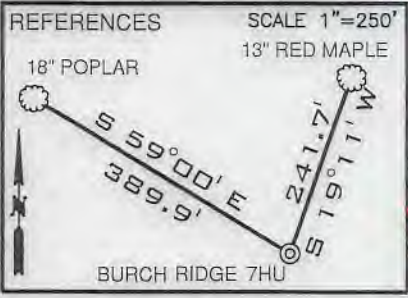
**LANDING POINT 1**  
UTM. NAD83, ZONE 17  
IN METERS  
N) 4,401,247.04  
E) 516,982.22

**BOTTOM HOLE**  
UTM. NAD83, ZONE 17  
IN METERS  
N) 4,398,076.96  
E) 518,811.89

| LINE | BEARING    | DISTANCE |
|------|------------|----------|
| L1   | N 14°38' E | 1411.12' |
| L2   | S 69°40' E | 3185.72' |
| L3   | N 20°57' E | 17.47'   |
| L4   | N 07°30' E | 3.16'    |
| L5   | N 05°58' W | 2932.05' |

| CURVE | CHORD BEARING | CHORD LENGTH | RADIUS   | ARC LENGTH |
|-------|---------------|--------------|----------|------------|
| C1    | N 00°48' E    | 80.00'       | 211.37'  | 60.20'     |
| C2    | N 31°40' E    | 38.48'       | 44.25'   | 40.84'     |
| C3    | S 85°47' E    | 40.98'       | 48.96'   | 42.29'     |
| C4    | S 52°38' E    | 118.34'      | 342.72'  | 119.36'    |
| C5    | S 39°29' E    | 273.48'      | 1626.69' | 273.80'    |
| C6    | S 31°58' E    | 286.92'      | 3367.32' | 387.13'    |

- DETAIL SKETCH "A" SCALE 1"=100'**
- BURCH RIDGE 1H (01505)
  - BURCH RIDGE 2H (01506)
  - BURCH RIDGE 3H (01507)
  - BURCH RIDGE 4H (01508)
  - BURCH RIDGE 5H (01524)
  - BURCH RIDGE 6HU (02193)
  - BURCH RIDGE 7HU (02194)



FILE NUMBER \_\_\_\_\_  
DRAWING NUMBER: BURCH RIDGE 7HU\_Rev 1  
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



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



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

DATE: MAY 29, 2019  
REVISED DATE: AUGUST 13, 2019  
OPERATORS WELL NO. BURCH RIDGE 7HU  
API WELL NO. 47-051-02194 H6A  
STATE COUNTY PERMIT

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

LOCATION ELEVATION 1310.39' WATERSHED (HUC 10) FRENCH CREEK - OHIO RIVER  
DISTRICT FRANKLIN COUNTY MARSHALL  
QUADRANGLE POWHATAN POINT 7.5' LEASE NUMBER SEE WW-6A1 FORM

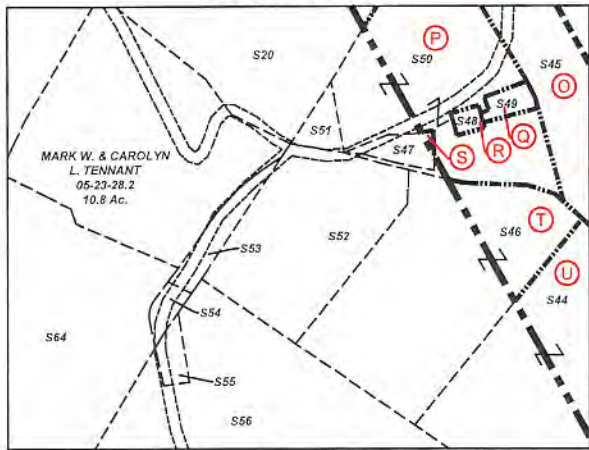
SURFACE OWNER CONSOL RCPC LLC ACREAGE 134.425  
OIL & GAS ROYALTY OWNER CNX GAS COMPANY LLC LEASE ACREAGE 134.425  
PROPOSED WORK: DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION \_\_\_  
PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE (SPECIFY) \_\_\_\_\_  
PLUG & ABANDON \_\_\_ CLEAN OUT & REPLUG \_\_\_

TARGET FORMATION POINT PLEASANT ESTIMATED DEPTH TVD: 11,429' TMD: 24,271'  
WELL OPERATOR TUG HILL OPERATING, LLC DESIGNATED AGENT DIANNA STAMPER  
CT CORPORATION SYSTEM  
ADDRESS 1320 SOUTH UNIVERSITY DRIVE, SUITE 500 ADDRESS 5400 D BIG TYLER ROAD  
FORT WORTH, TX 76107 CHARLESTON, WV 25313

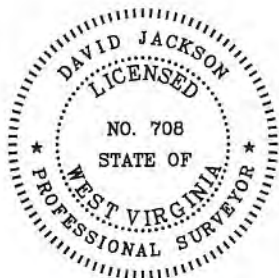
form ww6

**BURCH RIDGE LEASE  
WELL 7HU  
426.9305± ACRES**

**Detail "A"**



| Number | TAX MAP -PARCEL | SURFACE OWNER   | ACRES   |
|--------|-----------------|---|---------|
| S1     | A 05-22-05      | Consol RCPC LLC.  | 134.425 |
| S2     | B 05-19-28      | David E. Yoho & Mark E. Yoho                                    | 56.899  |
| S3     | C 05-19-19      | Russell Blake, et ux  | 66.4    |
| S4     | 05-19-09        | Penny Elaine Mezendez   | 10.44   |
| S5     | 05-19-15        | B.J. Herran Revocable Trust                                     | 0.72    |
| S6     | 05-19-29        | Ernie L. & Tammy L. Anderson                                    | 10.961  |
| S7     | 05-19-30        | Ernie & Tammy Anderson  | 19.037  |
| S8     | 05-19-32        | Jasper N. Burch, et al - Trustees                               | 0.397   |
| S9     | 05-19-31        | Charles F. & Diana L. Haynes                                    | 8.779   |
| S10    | 05-18-01        | Diana Henry Haynes & Carol C. Henry                             | 62.908  |
| S11    | 05-19-14        | James & Sherry Beegle   | 18.356  |
| S12    | D 05-19-27      | David E. Yoho & Mark E. Yoho                                    | 7.041   |
| S13    | E 05-19-26      | Roger J. & Beth E. James  | 9.977   |
| S14    | F 05-19-25      | David E. Yoho & Mark E. Yoho                                    | 9.976   |
| S15    | 05-19-16.1      | Robert L. & Rebecca A. Shields                                  | 2.307   |
| S16    | G 05-19-24      | Mark E. Yoho  | 15.436  |
| S17    | 05-19-17        | Mark E. Yoho  | 15.263  |
| S18    | H 05-19-18.2    | Paul V. & Carol Neely   | 32.672  |
| S19    | J 05-19-18.1    | Mark E. Yoho, et ux   | 2.57    |
| S20    | L 05-23-01      | Patricia Accettolo, et al                                       | 146.66  |
| S21    | M 05-23-02      | Daniel J. & Danielle D. Lilley                                  | 70.0    |
| S22    | 05-23-2.2       | Jessica N. & Andrew L. Jones                                    | 7.636   |
| S23    | 05-23-2.1       | William L. & Janice M. Wayne                                    | 2.364   |
| S24    | 05-18-21        | David P. Lissan, Life and David P. Lissan II & Julius L. Lissan | 1.0     |
| S25    | 05-18-21.1      | Rodney & Rhonda Jackson   | 5.47    |
| S26    | 05-18-21.3      | T.H. Exploration III, LLC                                       | 0.811   |
| S27    | 05-23-4.2       | XCL Midstream Operating, LLC                                    | 1.17    |
| S28    | 05-23-4.1       | XCL Midstream Operating, LLC                                    | 2.16    |
| S29    | 05-23-08        | Carl David & Suzanne L. Guseman                                 | 29.5    |
| S30    | 05-23-9.3       | Linda D. Greathouse   | 17.5    |
| S31    | 05-23-9.2       | Linda D. Greathouse   | 25.58   |
| S32    | 05-23-9.4       | Jackson R. Sr. & Deanna L. Davis                                | 2.087   |
| S33    | 05-23-13        | Linda D. Greathouse   | 14.24   |
| S34    | 05-23-12        | Mark A. Yoho  | 3.05    |
| S35    | 05-23-9.1       | John W. Van Orden, et ux  | 23.376  |
| S36    | 05-26-22        | Richard Joseph Otte, et ux                                      | 8.3     |
| S37    | CC 05-23-14     | Dominion Transmission, Inc.                                     | 59.5    |
| S38    | BB 05-23-15     | Henry Virginia Ethel, Est                                       | 15.5    |
| S39    | AA 05-23-16.1   | Donald B. Henry   | 1.97    |
| S40    | V 05-23-16      | Roy Friend Yoho, Sr.  | 18.03   |
| S41    | Z 05-23-17.3    | William & Katherine Flewelling                                  | 5.018   |
| S42    | X 05-23-17      | Tammy & Thomas E. Brown   | 4.62    |
| S43    | W 05-23-17.4    | Tammy D. Meadows  | 2.605   |
| S44    | U 05-23-17.2    | Dick Jr. & Carol J. Rowan                                       | 14.920  |
| S45    | O 05-23-18      | Abe J. Hochstetler  | 35.38   |
| S46    | T 05-23-17.1    | Curtis E. Hall, et ux   | 10.051  |
| S47    | S 05-23-21      | Mark A. Yoho & Mark E. Yoho                                     | 0.588   |
| S48    | R 05-23-20      | Christan Church   | 0.19    |
| S49    | Q 05-23-19      | DOTY Cemetery   | 1.0     |
| S50    | P 05-23-18.1    | Mark A. Yoho  | 7.8     |
| S51    | 05-23-29        | James Wiley   | 0.25    |
| S52    | 05-23-22        | Daniel D. Rhyand & Laurel R. Greene                             | 6.25    |
| S53    | 05-23-23        | Michael J. Wiley, et al   | 1.0     |
| S54    | 05-23-24        | Michael J. Wiley, et al   | 0.25    |
| S55    | 05-23-25        | Arthur A. Wiley   | 0.43    |
| S56    | Y 05-23-26      | Michael J. Wiley, et al   | 101.57  |
| S57    | DD 05-26-07     | Dominion Transmission, Inc.                                     | 71.0    |
| S58    | 05-26-23        | Richard Joseph Otte, et ux                                      | 11.34   |
| S59    | 05-26-17        | Heartland Forestland Fund VII, LP                               | 82.56   |
| S60    | 05-26-06        | Heartland Forestland Fund VII, LP                               | 36.17   |
| S61    | 05-26-4.4       | Otis F. & Glenda M. Rush  | 39.436  |
| S62    | 05-26-4.6       | Otis F. Rush, Jr.   | 12.268  |
| S63    | 05-26-02        | Edwin Booth Anderson & Mark W. Booth                            | 67.5    |
| S64    | 05-23-27        | Michael J. Wiley, et al   | 33.140  |
| S65    | 05-23-28        | Gregg D. Minor  | 39.43   |
| S66    | 05-28-05        | T.H. Exploration III, LLC.                                      | 105.9   |
| S67    | 05-23-28.1      | Troy W. & Erin M. Thomas  | 1.0     |
| S68    | 05-22-07        | Patricia Accettolo, et al                                       | 25.02   |
| S69    | 05-22-7.1       | T.H. Exploration II, LLC & Atinum Marcellus I, LLC              | 20.68   |
| S70    | 05-22-08        | T.H. Exploration III, LLC.                                      | 48.44   |
| S71    | 05-22-06        | Consol RCPC LLC.  | 64.70   |
| S72    | 05-22-12        | T.H. Exploration III, LLC.                                      | 61.49   |
| S73    | 05-22-16        | Edward R. Toho, Jr.   | 57.0    |
| S74    | 05-19-30.1      | Eric R. W. & Ashley A. Huggins                                  | 2.911   |
| S75    | K 05-22-5.1     | Williams Ohio Valley Midstream, LLC                             | 12.875  |



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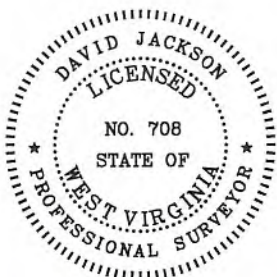
**TUG HILL  
OPERATING**

OPERATOR'S  
WELL #: Burch Ridge 7HU  
DISTRICT: Franklin  
COUNTY: Marshall  
STATE: WV  
API #: 47-051-02194

WV Department of  
Environmental Protection  
WELL PLAT  
PAGE 2 OF 3  
DATE: 05/29/2019  
REVISED DATE:  
8/13/2019

**BURCH RIDGE LEASE  
WELL 7HU  
426.9305± ACRES**

| Lease ID | Tags | Parcel    | Grantor, Lessor, Etc.            | Deed Book | Page |
|----------|------|-----------|----------------------------------|-----------|------|
| 10*19529 | A    | 5-22-5    | CNX GAS COMPANY LLC              | 945       | 175  |
| 10*14297 | B    | 5-19-28   | MARK E. YOHO AND DAVID E. YOHO   | 655       | 547  |
| 10*14634 | C    | 5-19-19   | RUSSELL BLAKE & MARY BLAKE       | 773       | 568  |
| 10*14297 | D    | 5-19-27   | MARK E. YOHO AND DAVID E. YOHO   | 655       | 547  |
| 10*14501 | E    | 5-19-26   | ROGER J & BETH E JAMES           | 752       | 204  |
| 10*14297 | F    | 5-19-25   | MARK E. YOHO AND DAVID E. YOHO   | 655       | 547  |
| 10*14295 | G    | 5-19-24   | MARK E YOHO AND MARY YOHO HI     | 655       | 546  |
| 10*14421 | H    | 5-19-18.2 | PAUL V NEELY AND CAROL J NEE     | 728       | 277  |
| 10*14295 | I    | 5-19-18   | MARK E YOHO AND MARY YOHO HI     | 655       | 546  |
| 10*14295 | J    | 5-19-18.1 | MARK E YOHO AND MARY YOHO, ET AL | 655       | 546  |
| 10*19529 | K    | 5-22-5.1  | CNX GAS COMPANY LLC              | 945       | 175  |
| 10*14129 | L    | 5-23-1    | JESSE P. MCHENRY                 | 703       | 283  |
| 10*14022 | M    | 5-23-2    | HOWARD N. WAYNE, SR, ET UX       | 665       | 384  |
| 10*14849 | N    | 5-23-4    | DAVID GUSTELY, ET AL             | 806       | 265  |
| 10*14849 | O    | 5-23-18   | DAVID GUSTELY, ET AL             | 806       | 265  |
| 10*14849 | P    | 5-23-18.1 | DAVID GUSTELY, ET AL             | 806       | 265  |
| 10*14849 | Q    | 5-23-19   | DAVID GUSTELY, ET AL             | 806       | 265  |
| 10*14849 | R    | 5-23-20   | DAVID GUSTELY, ET AL             | 806       | 265  |
| 10*14849 | S    | 5-23-21   | DAVID GUSTELY, ET AL             | 806       | 265  |
| 10*14847 | T    | 5-23-17.1 | LETHA RUCKMAN, ET AL             | 806       | 270  |
| 10*14847 | U    | 5-23-17.2 | LETHA RUCKMAN, ET AL             | 806       | 270  |
| 10*14847 | V    | 5-23-16   | LETHA RUCKMAN, ET AL             | 806       | 270  |
| 10*14847 | W    | 5-23-17.4 | LETHA RUCKMAN, ET AL             | 806       | 270  |
| 10*14847 | X    | 5-23-17   | LETHA RUCKMAN, ET AL             | 806       | 270  |
| 10*14742 | Y    | 5-23-26   | SUSAN GORE, ET AL                | 790       | 505  |
| 10*14847 | Z    | 5-23-17.3 | LETHA RUCKMAN, ET AL             | 806       | 270  |
| 10*14847 | AA   | 5-23-16.1 | LETHA RUCKMAN, ET AL             | 806       | 270  |
| 10*14665 | BB   | 5-23-15   | DOROTHY TEDROW, ET AL            | 781       | 539  |
| 10*18343 | CC   | 5-23-14   | DOMINION ENERGY TRANSMISSION INC | 936       | 79   |
| 10*18343 | DD   | 5-26-7    | DOMINION ENERGY TRANSMISSION INC | 936       | 79   |



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**TUG HILL  
OPERATING**

OPERATOR'S  
WELL #: Burch Ridge 7HU  
DISTRICT: Franklin  
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API #: 47-051-02194

WELL PLAT  
PAGE 3 OF 3  
DATE: 05/29/2019  
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8/13/2019