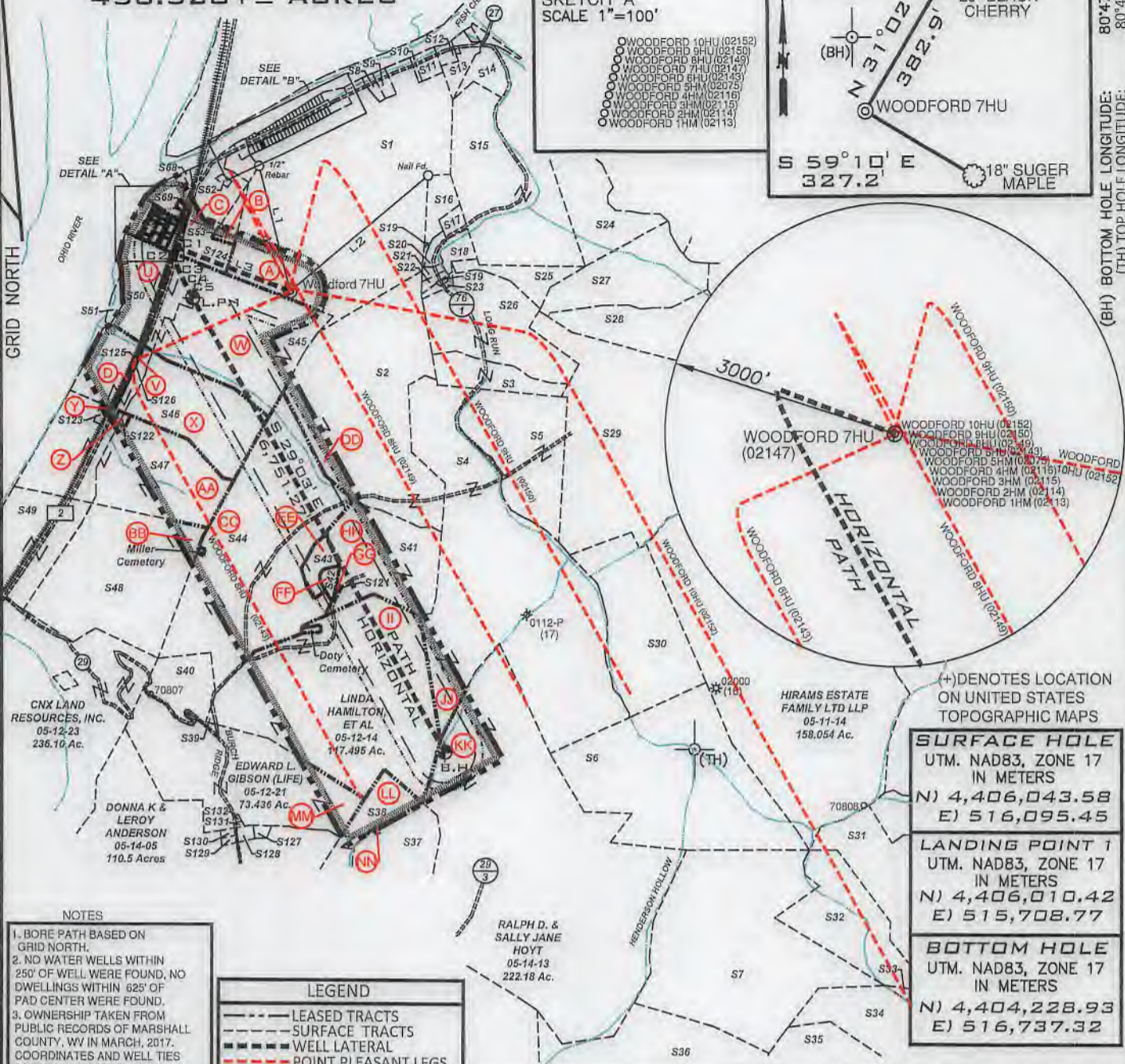
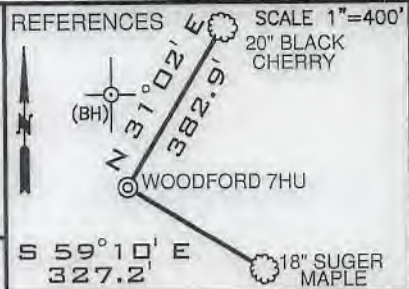


**WOODFORD LEASE
WELL 7HU
456.5281 ± ACRES**

TOP HOLE LATITUDE: 39°50'00"
BOTTOM HOLE LATITUDE: 39°47'30"

DETAIL
SKETCH "A"
SCALE 1"=100'



(+) DENOTES LOCATION ON UNITED STATES TOPOGRAPHIC MAPS

| |
|--|
| SURFACE HOLE UTM. NAD83, ZONE 17 IN METERS N) 4,406,043.58 E) 516,095.45 |
| LANDING POINT 1 UTM. NAD83, ZONE 17 IN METERS N) 4,406,010.42 E) 515,708.77 |
| BOTTOM HOLE UTM. NAD83, ZONE 17 IN METERS N) 4,404,228.93 E) 516,737.32 |

- 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 MARCH, 2017. COORDINATES AND WELL TIES BASED UPON DIFFERENTIAL GPS MEASUREMENTS.
 - WELL LOCATION REFERENCES ARE BASED UPON THE MAGNETIC MERIDIAN.
 - ALL DEEP WELLS WITHIN 3,000' OF LATERAL ARE SHOWN ON THIS PLAT.

LEGEND

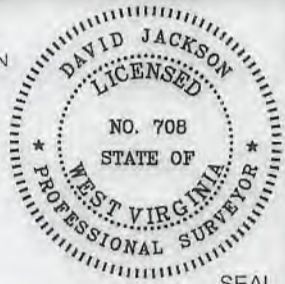
- LEASED TRACTS
- SURFACE TRACTS
- WELL LATERAL
- POINT PLEASANT LEGS
- 400' BORE PATH OFFSET
- 500' WELL BORE OFFSET
- UNIT BOUNDARY
- LEASE # (SEE 6A1 FORM)

| LINE | BEARING | DISTANCE | CURVE | CHORD BEARING | CHORD LENGTH | RADIUS | ARC LENGTH |
|------|------------|----------|-------|---------------|--------------|----------|------------|
| L1 | N 13°31' W | 1679.41' | C1 | S 67°40' W | 30.28' | 19.99' | 34.36' |
| L2 | N 50°25' E | 2358.92' | C2 | S 00°15' W | 59.09' | 120.35' | 59.71' |
| L3 | N 68°52' W | 1608.74' | C3 | S 15°05' E | 105.77' | 697.92' | 105.88' |
| | | | C4 | S 22°13' E | 233.11' | 2112.25' | 233.23' |
| | | | C5 | S 27°02' E | 313.30' | 4273.64' | 313.37' |

FILE NUMBER _____
DRAWING NUMBER WOODFORD_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
304-623-5951



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

DATE: DECEMBER 11, 2018
REVISED DATE: JANUARY 30, 2019
OPERATORS WELL NO. Woodford 7HU
API WELL NO. 47-051-02147 H6A
STATE COUNTY PERMIT

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

LOCATION ELEVATION 1233.51' WATERSHED (HUC 10) FRENCH CREEK - OHIO RIVER
DISTRICT FRANKLIN COUNTY MARSHALL
QUADRANGLE POWHATAN POINT 7.5' LEASE NUMBER SEE WW-6A1 Form

SURFACE OWNER CNX LAND, LLC ACREAGE 155.7119
OIL & GAS ROYALTY OWNER SEE WW-6A1 FORM LEASE ACREAGE 456.5281
PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION ___
PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE (SPECIFY) _____

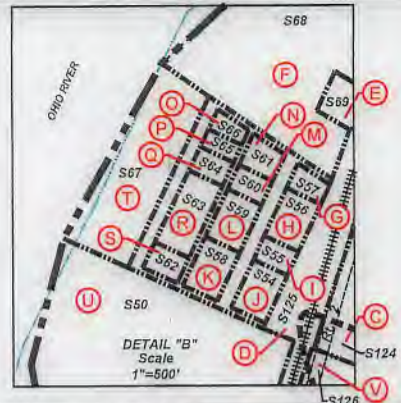
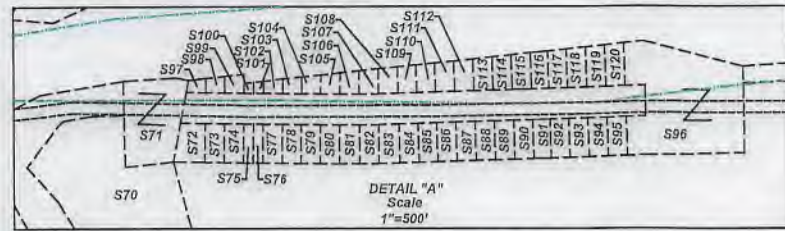
TARGET FORMATION POINT PLEASANT PLUG & ABANDON ___ CLEAN OUT & REPLUG ___
ESTIMATED DEPTH TVD: 11,140' TMD: 18,275'

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

form wwf6

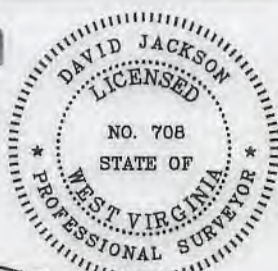
**WOODFORD LEASE
WELL 7HU
456.5281 ± ACRES**



| Number | TAX MAP-PARCEL | SURFACE OWNER | ACRES |
|----------|----------------|--|----------|
| S1 (A) | 05-07-43 | CNX LAND, LLC | 155.7119 |
| S2 (DD) | 05-12-08 | Anita Rae Miller (Life) | 100.35 |
| S3 | 05-12-10 | Consolidation Coal Co./ Murray Energy | 13.76 |
| S4 (JU) | 05-12-12.1 | Lionel L. Persinger, Et Ux. | 148.09 |
| S5 | 05-12-12 | Lionel L. Persinger, Et Ux. | 45 |
| S6 | 05-11-15 | Lionel L. Persinger, Et Ux. | 93 |
| S7 | 05-15-01 | Marcus Sharp & David Schlabach, Hrs. | 121 |
| S8 | 05-7B-49 | Cassidy Rain Carpenter | 1.1441 |
| S9 | 05-7B-48 | Cassidy Rain Carpenter | 1.325 |
| S10 | 05-07-43.3 | M. Frank Mason | 0.327 |
| S11 | 05-07-43.2 | M. Frank Mason | 1.36 |
| S12 | 05-07-38 | John K. Persinger, Et Ux. | 2.65 |
| S13 | 05-07-36 | John Persinger | 4.329 |
| S14 | 05-07-35 | Samuel L. Persinger | 10,708 |
| S15 | 05-07-39 | Lionel L. Persinger, et ux | 57 |
| S16 | 05-07-42.1 | Holly Rice | 5.99 |
| S17 | 05-07-41 | James A. Wade | 1 |
| S18 | 05-07-42.5 | Matthew V. Conner, et al | 3.791 |
| S19 | 05-07-42 | Tracy M. Kesterson | 0.54 |
| S20 | 05-07-44 | Crystal B. Darrah | 1.726 |
| S21 | 05-07-42.2 | Steven & Rhonda Lloyd | 0.85 |
| S22 | 05-07-42.3 | Joshua David Hartley | 0.886 |
| S23 | 05-07-42.4 | Lionel & Mary Lee Persinger | 0.94 |
| S24 | 05-07-33 | Lionel & Mary Lee Persinger | 24.6 |
| S25 | 05-12-09 | Lionel & Mary Lee Persinger | 10.15 |
| S26 | 05-12-10.1 | Consolidation Coal Co./ Murray Energy | 38.48 |
| S27 | 05-11-1.4 | Larry W. Dunlap, et al | 32.493 |
| S28 | 05-11-1.1 | Larry W. Dunlap & Charles Leroy Dunlap | 34.405 |
| S29 | 05-11-21 | Karen Reed, et al | 112.67 |
| S30 | 05-12-11 | Wesley B. Bryan & Wesley R. Bryan II | 52.478 |
| S31 | 05-15-04 | Joseph J. Kramer, et ux | 41.106 |
| S32 | 05-15-03 | Joseph J. Kramer, et ux | 36.10 |
| S33 | 05-15-02 | John David Petrock, et ux | 5 |
| S34 | 05-15-14 | John David Petrock, et ux | 25 |
| S35 | 05-15-12 | John David Petrock, et ux | 150.23 |
| S36 | 05-15-15 | Robert L. Shields, et al | 49 |
| S37 (WN) | 05-14-12 | Dale R. Gallaher, et al | 135.100 |
| S38 (LL) | 05-14-10 | Wanda P. Rine (Life) | 107.372 |
| S39 | 05-12-15 | Woodland Hills Church of God Trs. | 0.375 |
| S40 | 05-12-21.1 | Robert W. Jr. & Wendy L. Riggenbach | 14.222 |
| S41 (HI) | 05-12-13 | Linda Hamilton, et al | 41.887 |
| S42 (FF) | 05-12-7.1 | Raymond K. Miller | 1.609 |
| S43 (EE) | 05-12-7.2 | Raymond K. Miller | 4.66 |
| S44 (CC) | 05-12-07 | Robert Wm. Riggenbach, et ux | 104.231 |
| S45 (W) | 05-12-02 | CNX LAND, LLC | 60.68 |
| S46 (X) | 05-12-03 | CNX LAND, LLC | 62.30 |
| S47 (AA) | 05-12-05 | CNX LAND, LLC | 61.883 |
| S48 (BB) | 05-12-06 | CNX LAND, LLC | 70.81 |
| S49 | 05-12-6.2 | Consolidation Coal Co./ Murray Energy | 25.50 |
| S50 (U) | 05-12-2.1 | Consolidation Coal Co./ Murray Energy | 22 |
| S51 | 05-12-01 | US of America | 1.68 |
| S52 | 05-07-43.4 | Ida Campbell | 0.29 |
| S53 (B) | 05-07-43.1 | State Road Commission | 1.48 |
| S54 (J) | 05-7A-17 | Carol Martin & Harry L. Yoho | 0.3067 |
| S55 (I) | 05-7A-18 | Barbara Anderson | 0.1530 |
| S56 (H) | 05-7A-19 | Barbara Anderson | 0.3060 |

| Number | TAX MAP-PARCEL | SURFACE OWNER | ACRES |
|-----------|----------------|--------------------------------|--------------|
| S57 (G) | 05-7A-20 | Betty Sexton | 0.1204 |
| S58 (K) | 05-7A-24 | Rick A. Kosky | 0.3152 |
| S59 (L) | 05-7A-23 | Harold S. Young, et ux | 0.3067 |
| S60 (M) | 05-7A-22 | Richard Hyer, et ux | 0.1530 |
| S61 (N) | 05-7A-21 | David A. Beyer | 0.1866 |
| S62 (S) | 05-7A-25 | Rick A. Kosky | 0.1638 |
| S63 (R) | 05-7A-26 | Lance Clark | 0.4531 |
| S64 (Q) | 05-7A-27 | Paul W. Barrett | 0.1495 |
| S65 (P) | 05-7A-28 | Richard Hyer, et ux | 0.1093 |
| S66 (O) | 05-7A-29 | Richard Hyer, et ux | 0.1085 |
| S67 (T) | 05-7A-30 | Richard Hyer, et ux | 1.9 |
| S68 (F) | 05-7A-31 | WVA Dept. of Natural Resources | 3.18 |
| S69 (E) | 05-7A-32 | Dawn Thompson Tennant | 0.3091 |
| S70 | 05-7A-02 | CNX LAND, LLC | 2.23 |
| S71 | 05-7A-01 | Lucille Myers | 0.529 |
| S72 | 05-7B-25 | Cindy D. Aliff | 0.1673 |
| S73 | 05-7B-26 | Cindy D. Aliff | 0.1148 |
| S74 | 05-7B-27 | Patricia A. Johnson | 0.1148 |
| S75 | 05-7B-28 | Patricia A. Johnson | 0.0574 |
| S76 | 05-7B-28.1 | Patricia A. Johnson | 0.0574 |
| S77 | 05-7B-29 | Patricia A. Johnson | 0.1148 |
| S78 | 05-7B-30 | Cindy D. Aliff, et al | 0.1148 |
| S79 | 05-7B-31 | Cindy D. Aliff, et al | 0.1148 |
| S80 | 05-7B-32 | Albert J. Anderson, Jr. | 0.1148 |
| S81 | 05-7B-33 | Albert J. Anderson, Jr. | 0.1182 |
| S82 | 05-7B-34 | Albert J. Anderson, Jr. | 0.1148 |
| S83 | 05-7B-35 | Albert J. Anderson, Jr. | 0.1217 |
| S84 | 05-7B-36 | Albert J. Anderson, Jr. | 0.1148 |
| S85 | 05-7B-37 | Teresa & Thomas Gouldsberry | 0.1148 |
| S86 | 05-7B-38 | Teresa & Thomas Gouldsberry | 0.1148 |
| S87 | 05-7B-39 | Teresa & Thomas Gouldsberry | 0.1148 |
| S88 | 05-7B-40 | Teresa & Thomas Gouldsberry | 0.1148 |
| S89 | 05-7B-41 | Teresa & Thomas Gouldsberry | 0.1148 |
| S90 | 05-7B-42 | Teresa & Thomas Gouldsberry | 0.1194 |
| S91 | 05-7B-43 | Teresa & Thomas Gouldsberry | 0.1148 |
| S92 | 05-7B-44 | Daniel D. & Mary E. Robinson | 0.1148 |
| S93 | 05-7B-45 | Daniel D. & Mary E. Robinson | 0.1148 |
| S94 | 05-7B-46 | Daniel D. Robinson, et ux | 0.1148 |
| S95 | 05-7B-47 | Daniel D. Robinson, et ux | 0.1148 |
| S96 | 05-7B-01 | Patricia L. Robinson | 1.257 |
| S97 | 05-7B-24 | Cindy D. Aliff | 0.0354 |
| S98 | 05-7B-23 | Cindy D. Aliff | 0.0471 |
| S99 | 05-7B-22 | Patricia A. Johnson | 0.0505 |
| S100 | 05-7B-21 | Patricia A. Johnson | 0.0287 |
| S101 | 05-7B-21.1 | Patricia A. Johnson | 0.0296 |
| S102 | 05-7B-20 | Patricia A. Johnson | 0.0626 |
| S103 | 05-7B-19 | Cindy D. Aliff, et al | 0.0712 |
| S104 | 05-7B-18 | Cindy D. Aliff, et al | 0.0763 |
| S105 | 05-7B-17 | Albert J. Anderson, Jr. | 0.0849 |
| S106 | 05-7B-16 | Albert J. Anderson, Jr. | 0.0903 |
| S107 | 05-7B-15 | Albert J. Anderson, Jr. | 0.0970 |
| S108 | 05-7B-14 | Albert J. Anderson, Jr. | 0.0991 |
| S109 | 05-7B-13 | Albert J. Anderson, Jr. | 0.1067 |
| S110 | 05-7B-12 | Teresa & Thomas Gouldsberry | 0.1113 |
| S111 | 05-7B-11 | Teresa & Thomas Gouldsberry | 0.1159 |
| S112 | 05-7B-10 | Teresa & Thomas Gouldsberry | 0.1199 |
| S113 | 05-7B-09 | Teresa & Thomas Gouldsberry | 0.1240 |
| S114 | 05-7B-08 | Teresa & Thomas Gouldsberry | 0.1286 |
| S115 | 05-7B-07 | Teresa & Thomas Gouldsberry | 0.1331 |
| S116 | 05-7B-06 | Teresa & Thomas Gouldsberry | 0.1377 |
| S117 | 05-7B-05 | Daniel D. & Mary E. Robinson | 0.1418 |
| S118 | 05-7B-04 | Daniel D. & Mary E. Robinson | 0.1458 |
| S119 | 05-7B-03 | Daniel D. Robinson, et ux | 0.1504 |
| S120 | 05-7B-02 | Daniel D. Robinson, et ux | 0.1550 |
| S121 (GG) | 05-12-13.1 | Raymond K. Miller | 0.113 |
| S122 (C) | 05-12-5.1 | CNX LAND, LLC | 0.52 |
| S123 (Y) | 05-12-04 | CNX LAND, LLC | 0.93 |
| S124 (C) | Rt. 2 | State Road Commission | 17.62(Calc.) |
| S125 (D) | R.R. | CSX Transportation | 5.01(Calc.) |
| S126 (V) | Rt. 2 | WV DOT | 4.18(Calc.) |
| S127 | 05-12-17 | Hilda Deloris Baxter | 0.752 |
| S128 | 05-12-18 | Hilda Deloris Baxter | 1.018 |
| S129 | 05-12-19 | Delores J. Myers (Life) | 0.457 |
| S130 | 05-12-20 | Delores J. Myers (Life) | 0.457 |
| S131 | 05-12-16.1 | Gary E. Gibson, et al | 0.146 |
| S132 | 05-12-16 | Gary E. Gibson, et al | 0.104 |

47-051-02147
H6A



P.S. 708 David L Jackson



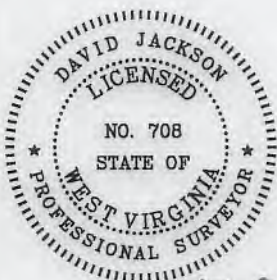
OPERATOR'S
WELL #: Woodford 7HU
DISTRICT: Franklin
COUNTY: Marshall
STATE: WV
API# 47-051-02147

WELL PLAT
PAGE 2 OF 4
DATE: 12/11/2018
REVISED DATE: 01/30/2019

**WOODFORD LEASE
WELL 7HU
456.5281 ± ACRES**

form ww6

| LEASE NO. | TAGS | PARCEL | OIL & GAS ROYALTY OWNER | DEED BOOK | PAGE |
|------------|------|-------------------------------|--|-----------|------|
| 041112 | A | 5-7-43 | COLUMBIAN CHEMICALS COMPANY | 691 | 363 |
| Q075763000 | B | 5-7-43.1 | WEST VIRGINIA DEPARTMENT OF TRANSPORTATION | 797 | 642 |
| Q088417001 | C | RTE 2 - STATE ROAD COMMISSION | WEST VIRGINIA DEPARTMENT OF TRANSPORTATION | 845 | 332 |
| 041112 | C | RTE 2 - STATE ROAD COMMISSION | COLUMBIAN CHEMICALS COMPANY | 691 | 363 |
| Q095360000 | D | R. R. CSX TRANSPORTATION | CSX TRANSPORTATION INC | 879 | 251 |
| Q088417001 | D | CSX TRANSPORTATION | WEST VIRGINIA DEPARTMENT OF TRANSPORTATION | 845 | 332 |
| 10*24559 | E | 5-7A-32 | DAWN THOMPSON TENANT AKA DAWN THOMPSON | | |
| Q091960000 | F | 5-7A-31 | WEST VIRGINIA DIVISION OF NATURAL RESOURCES | 865 | 558 |
| 10*24534 | G | 5-7A-20 | MICHAEL SEXTON | | |
| Q091280000 | H | 5-7A-19 | BARBARA ANDERSON | 860 | 498 |
| Q091280000 | I | 5-7A-18 | BARBARA ANDERSON | 860 | 498 |
| Q081130000 | J | 5-7A-17 | CLARA B YOHO | 820 | 514 |
| 10*24587 | K | 5-7A-24 | RICK A KOSKY | | |
| Q083451000 | L | 5-7A-23 | HAROLD S YOUNG AND CHARLENE S YOUNG | 828 | 252 |
| Q091091000 | M | 5-7A-22 | RICHARD HYER AND PATRICIA HYER | 859 | 500 |
| Q090307000 | N | 5-7A-21 | DAVID A BEYSER AND SUSAN M BEYSER | 858 | 260 |
| Q091091000 | O | 5-7A-29 | RICHARD HYER AND PATRICIA HYER | 859 | 500 |
| Q091091000 | P | 5-7A-28 | RICHARD HYER AND PATRICIA HYER | 859 | 500 |
| Q085232000 | Q | 5-7A-27 | PAUL W BARRETT | 838 | 469 |
| Q085150002 | R | 5-7A-26 | ROBERT ROSS AND ORPHA L ROSS | 833 | 501 |
| Q085150003 | R | 5-7A-26 | ERMA CARNEY | 833 | 496 |
| Q085150001 | R | 5-7A-26 | MICKEY L WHITE AND CAROLE WHITE | 833 | 503 |
| Q085150004 | R | 5-7A-26 | TWILA ADAMS | 833 | 486 |
| Q085150005 | R | 5-7A-26 | CONNIE CURRENT | 834 | 127 |
| Q085150006 | R | 5-7A-26 | NANCY BRUMBAUGH | 836 | 451 |
| Q085150008 | R | 5-7A-26 | NORA RICH WOOD | 839 | 196 |
| Q085150012 | R | 5-7A-26 | BOBBIE SUE WOOD | 839 | 204 |
| Q085150007 | R | 5-7A-26 | CECIL A TRUAX AKA CECIL TRUJEX | 836 | 453 |
| Q085150013 | R | 5-7A-26 | NIKA WOOD AKA NIKA GERALD WOOD | 839 | 220 |
| Q085150009 | R | 5-7A-26 | JOSEPH WOOD | 839 | 198 |
| Q085150011 | R | 5-7A-26 | SAM NICKI WOOD AKA SAM WOOD AND NICKI WOOD | 839 | 202 |
| Q085150010 | R | 5-7A-26 | CHARLES JAN WOOD AKA CHARLES WOOD | 839 | 200 |
| Q085150014 | R | 5-7A-26 | BILL LEANNE WOOD AKA BILL WOOD AND LEANNE E WOOD | 841 | 360 |
| Q085150019 | R | 5-7A-26 | THOMAS BETH WOOD AKA THOMAS WOOD AND REGINA | 844 | 464 |
| Q085150015 | R | 5-7A-26 | RONALD L NESTOR | 842 | 347 |
| Q085150016 | R | 5-7A-26 | KAREN L RIDENOUR AND JAMES RIDENOUR | 842 | 349 |
| Q085150017 | R | 5-7A-26 | CRYSTAL KOSKY AND RICK KOSKY | 842 | 351 |
| Q085150018 | R | 5-7A-26 | TERRY GRAY | 842 | 361 |
| Q085150021 | R | 5-7A-26 | DDNNA S DIMARCO AND JOHN DIMARCO | 859 | 502 |
| Q085150020 | R | 5-7A-26 | ANNA LEE HAKR | 859 | 498 |
| Q085150022 | R | 5-7A-26 | CLARENCE BURGE AND ELLEN BURGE | 860 | 504 |
| 10*24587 | S | 5-7A-25 | RICK A KOSKY | | |
| Q091091000 | T | 5-7A-30 | RICHARD HYER AND PATRICIA HYER | 859 | 500 |
| Q095360000 | U | 5-12-2.1 | CSX TRANSPORTATION INC | 879 | 251 |
| 041112 | V | RTE 2 - WV DOT | COLUMBIAN CHEMICAL COMPANY | 691 | 363 |
| Q088417001 | V | RTE 2 - WV DOT | WEST VIRGINIA DEPARTMENT OF TRANSPORTATION | 845 | 332 |
| 41112 | W | 5-12-2 | COLUMBIAN CHEMICALS COMPANY | 691 | 363 |
| 041112 | X | 5-12-3 | COLUMBIAN CHEMICALS COMPANY | 691 | 363 |
| 041112 | Y | 5-12-4 | COLUMBIAN CHEMICALS COMPANY | 691 | 363 |
| Q095360000 | Y | 5-12-4 | CSX TRANSPORTATION INC | 879 | 251 |
| 041112 | Z | 5-12-5.1 | COLUMBIAN CHEMICALS COMPANY | 691 | 363 |
| 041112 | AA | 5-12-5 | COLUMBIAN CHEMICALS COMPANY | 691 | 363 |
| 041112 | BB | 5-12-6 | COLUMBIAN CHEMICALS COMPANY | 691 | 363 |
| 10*19255 | CC | 5-12-7 | ROBERT W. RIGGENBACH & SHARDN RIGGENBACH, HUSBAN | 772 | 450 |
| 10*23969 | DD | 5-12-8 | MARK A. JOHNSON ET AL | 1020 | 195 |
| 10*24588 | DD | 5-12-8 | MICHAEL POWDERLY | 1025 | 287 |
| 10*24577 | DD | 5-12-8 | LYNN A. YATES & WALTER R. YATES | | |
| 10*23896 | DD | 5-12-8 | MOLLY MCMAHON AND JOHN D. MCMAHON | 1017 | 489 |
| 10*18827 | DD | 5-12-8 | ERIN E SCHOLL | 937 | 626 |
| 10*18835 | DD | 5-12-8 | REBECCA LYNN KIER AND ERIC JAMES KIER | 937 | 405 |
| 10*18968 | DD | 5-12-8 | E SHIELA PAVLOVICH | 940 | 291 |
| 10*18969 | DD | 5-12-8 | JEANNE MARIE VAN GROLAND RICHARD ARTHUR VAN GRO | 941 | 289 |
| 10*19500 | DD | 5-12-8 | JAMES CONTRERAS AND CATHERINE CONTRERAS | 942 | 608 |
| 10*19825 | DD | 5-12-8 | THOMAS A POWDERLY | 945 | 639 |
| 10*19826 | DD | 5-12-8 | TERRANCE V POWDERLY SR | 945 | 637 |
| 10*19827 | DD | 5-12-8 | CORINNE E VERNA AND JONATHAN CVERNA SR | 945 | 635 |
| 10*19828 | DD | 5-12-8 | ANNE M AND JOHN LEACH | 945 | 633 |
| 10*19829 | DD | 5-12-8 | MARGARET J WHITFORD AND LANCE W WHITFORD | 945 | 631 |
| 10*19830 | DD | 5-12-8 | DAVID POWDERLY AND NANCY A POWDERLY | 945 | 629 |
| 10*21002 | DD | 5-12-8 | STANLEY EUGENE STOWE | 951 | 215 |
| 10*21045 | DD | 5-12-8 | SANDRA J HARMON AND WALTER D HARMON | 951 | 217 |
| 10*21190 | DD | 5-12-8 | MARGARET CLICKNER | 941 | 283 |
| 10*21223 | DD | 5-12-8 | EUGENE C GRIEB AND SHIRLEY K GRIEB | 951 | 468 |
| 10*21607 | DD | 5-12-8 | SHERLEY R STOWE & KAREN M STOWE | 959 | 474 |
| 10*21924 | DD | 5-12-8 | BEVERLY A MILLER | 953 | 533 |
| 10*21926 | DD | 5-12-8 | VIOLA JANE BREON AND JAMES RONALD BREON | 953 | 360 |
| 10*21929 | DD | 5-12-8 | BENNY MILLER | 960 | 177 |
| 10*21930 | DD | 5-12-8 | JAMES A GRENOBLE AND MARY JANE GRENOBLE | 953 | 263 |
| 10*21938 | DD | 5-12-8 | SEAN M GRENOBLE AND CHERYL A GRENOBLE | 960 | 91 |
| 10*21939 | DD | 5-12-8 | ULA F NELSON | 960 | 96 |
| 10*22051 | DD | 5-12-8 | NOEL A PARKS | 960 | 509 |
| 10*22309 | DD | 5-12-8 | AARON D LITMAN AND BETTY J LITMAN | 963 | 408 |
| 10*22311 | DD | 5-12-8 | WILLIAM L LITMAN AND VICKIE L LITMAN | 963 | 404 |
| 10*22312 | DD | 5-12-8 | RICHARD WOOD AND VICKI WOOD | 962 | 528 |
| 10*22349 | DD | 5-12-8 | ANITA RAE MILLER | 910 | 152 |
| 10*22408 | DD | 5-12-8 | REBECCA S TARR | 962 | 578 |
| 10*22548 | DD | 5-12-8 | SHARON TOLER WILLIAMS & HERVY WILLIAMS | 966 | 194 |
| 10*22604 | DD | 5-12-8 | WILLIAM LEESON | 966 | 499 |
| 10*22605 | DD | 5-12-8 | MICHAEL R LEESON AND BRENDA R LEESON | 966 | 496 |
| 10*22744 | DD | 5-12-8 | BRIDGET A POWDERLY | 968 | 206 |
| 10*22858 | DD | 5-12-8 | THOMAS C DAVIS AND MARY ELLEN DAVIS | 977 | 63 |
| 10*23004 | DD | 5-12-8 | KLOVA A MORRIS | 977 | 382 |



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P.S. 708

David L Jackson



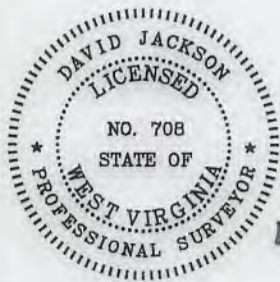
**TUG HILL
OPERATING**

OPERATOR'S
WELL #: Woodford 7HU
DISTRICT: Franklin
COUNTY: Marshall
STATE: WV
API# 47-051-02147

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PAGE: 3 OF 4
DATE: 12/11/2018
REVISED DATE:
01/30/2019

**WOODFORD LEASE
WELL 7HU
456.5281 ± ACRES**

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| Q083768002 | DD | 5-12-8 | KERMIT REED HUBBS ET UX | 831 | 163 |
| Q083768003 | DD | 5-12-8 | DOUGLAS G DERROW | 831 | 165 |
| Q083768004 | DD | 5-12-8 | FERN A PICKENPAUGH | 831 | 167 |
| Q083768005 | DD | 5-12-8 | JEAN GAUTHIER | 832 | 228 |
| Q083768006 | DD | 5-12-8 | SONDRA SUE RULONG ET VIR | 832 | 230 |
| Q083768007 | DD | 5-12-8 | VERA SHIRLENE WORKMAN ET VIR | 832 | 232 |
| Q083768008 | DD | 5-12-8 | CHARLOTTE A MERSELS ET VIR | 833 | 14 |
| Q083768009 | DD | 5-12-8 | PHYLLIS JEAN OSTRANDER | 833 | 472 |
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| Q083768011 | DD | 5-12-8 | MICHAEL W DERROW | 833 | 464 |
| Q083768012 | DD | 5-12-8 | WILLIAM L WILLIAMS ET UX | 833 | 574 |
| Q083768013 | DD | 5-12-8 | KELLY KERN | 863 | 189 |
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| Q083768015 | DD | 5-12-8 | NORMAN L DERROW ET UX | 832 | 580 |
| Q083768016 | DD | 5-12-8 | BETTY JUNE CAMPBELL ET VIR | 834 | 632 |
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| Q083768019 | DD | 5-12-8 | MARTHA J JAMISON ET VIR | 836 | 38 |
| Q083768020 | DD | 5-12-8 | SARA BRADLEY | 839 | 206 |
| Q083768021 | DD | 5-12-8 | MARY S FOGLESONG ET VIR | 837 | 352 |
| Q083768024 | DD | 5-12-8 | JIMMIE WILLIAMS ET UX | 837 | 143 |
| Q083768025 | DD | 5-12-8 | JUDY ANN MCCHESEY ET VIR | 840 | 291 |
| Q083768026 | DD | 5-12-8 | PENNY S SCHAUER ET VIR | 842 | 7 |
| Q083768027 | DD | 5-12-8 | TRACI L WILLIAMS | 842 | 9 |
| Q083768028 | DD | 5-12-8 | STEVEN S DERROW | 842 | 24 |
| Q083768029 | DD | 5-12-8 | MARY E VOLTZ ET VIR | 841 | 82 |
| Q083768030 | DD | 5-12-8 | ELLIOTT L THRASHER II ET UX | 842 | 510 |
| Q083768031 | DD | 5-12-8 | JACK M FOREMAN | 844 | 131 |
| Q083768032 | DD | 5-12-8 | DOUGLAS E MILLER | 844 | 520 |
| Q083768033 | DD | 5-12-8 | REVA J ICARD ET VIR | 844 | 526 |
| Q083768034 | DD | 5-12-8 | JULIE SPRINGWATER | 850 | 491 |
| Q083768035 | DD | 5-12-8 | JULIE SPRINGWATER | 850 | 499 |
| Q083768036 | DD | 5-12-8 | JACK M FOREMAN | 850 | 503 |
| Q083768037 | DD | 5-12-8 | ANITA M MASON | 851 | 5 |
| Q083768038 | DD | 5-12-8 | BONNIE H GRISSELL ET VIR | 850 | 646 |
| Q083768039 | DD | 5-12-8 | MARY ELIZABETH VOLTZ ET VIR | 850 | 648 |
| Q083768040 | DD | 5-12-8 | SCOTT C HARRIS ET UX | 851 | 394 |
| Q083768041 | DD | 5-12-8 | JACK M FOREMAN | 854 | 178 |
| Q083768042 | DD | 5-12-8 | JACQUELYN JOHNSON ET VIR | 860 | 523 |
| Q083768043 | DD | 5-12-8 | ROY JOSEPH LEACH | 859 | 487 |
| Q083768044 | DD | 5-12-8 | LESLIE ANN BLYTHE ET VIR | 860 | 535 |
| Q083768045 | DD | 5-12-8 | MURIEL ANNE MILLER ET VIR | 860 | 545 |
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| Q083768047 | DD | 5-12-8 | REBECCA L CULLEN ET VIR | 860 | 558 |
| Q083768048 | DD | 5-12-8 | FRANCES E RUTLEDGE ET VIR | 860 | 513 |
| Q083768049 | DD | 5-12-8 | LARRY DEAN MCWHORTER ET AL | 860 | 529 |
| Q083768050 | DD | 5-12-8 | LEROY MILLER | 860 | 532 |
| Q083768051 | DD | 5-12-8 | DAVID LEE EVANS JR ET UX | 864 | 187 |
| Q083768052 | DD | 5-12-8 | STEVEN POND ET UX | 860 | 574 |
| Q083768053 | DD | 5-12-8 | IAN KIPP HAGEMANN | 860 | 520 |
| Q083768054 | DD | 5-12-8 | MELISSA MILLER GIBSON ET VIR | 869 | 100 |
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| Q083768056 | DD | 5-12-8 | RODNEY F PETERSON | 866 | 342 |
| Q083768057 | DD | 5-12-8 | PRISCILLA ANN MILLER HADEN | 873 | 545 |
| Q083768058 | DD | 5-12-8 | DANIEL D HOBBS ET UX | 873 | 543 |
| Q083768059 | DD | 5-12-8 | RICHARD S MULLEN ET UX | 869 | 98 |
| Q083768060 | DD | 5-12-8 | JAMES B CROW ET UX | 869 | 108 |
| Q083768061 | DD | 5-12-8 | GREGORY S CROW | 869 | 106 |
| Q083768062 | DD | 5-12-8 | HAROLD B CROW ET UX | 869 | 102 |
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| Q083768064 | DD | 5-12-8 | TIMOTHY HOWARD MANCHEGO | 873 | 104 |
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| Q083768066 | DD | 5-12-8 | DAVID C MULLEN ET UX | 869 | 358 |
| Q083768067 | DD | 5-12-8 | DENNIS FISCHER ET UX | 870 | 360 |
| Q083768068 | DD | 5-12-8 | KATHLEEN A SULLIVAN ET VIR | 870 | 362 |
| Q083768069 | DD | 5-12-8 | FRANCIS F FISCHER ET UX | 871 | 494 |
| Q083768070 | DD | 5-12-8 | JOYCE A FIORILLI ET VIR | 873 | 114 |
| Q083768071 | DD | 5-12-8 | BARBARA L VOGLER ET VIR | 873 | 112 |
| Q083768072 | DD | 5-12-8 | HARRIET C HERMAN ET VIR | 873 | 116 |
| Q083768073 | DD | 5-12-8 | EUGENIA A KERR | 873 | 118 |
| Q083768074 | DD | 5-12-8 | JANE H BARNSTEINER ET UX | 873 | 93 |
| Q083768075 | DD | 5-12-8 | EDWARD P POWDERLY ET UX | 873 | 91 |
| Q083768076 | DD | 5-12-8 | NORA C POWDERLY | 873 | 89 |
| Q083768077 | DD | 5-12-8 | EILEEN T POWDERLY | 873 | 87 |
| Q083768078 | DD | 5-12-8 | MARY F WEILAND | 873 | 124 |
| Q083768079 | DD | 5-12-8 | JAMES E HERMAN | 873 | 128 |
| Q083768080 | DD | 5-12-8 | ANTHONY T POWDERLY ET UX | 878 | 363 |
| Q083768081 | DD | 5-12-8 | SHARON L SCHOLL | 878 | 379 |
| Q083768082 | DD | 5-12-8 | JAMES T SCHOLL | 878 | 376 |
| Q083768083 | DD | 5-12-8 | ANNE GALBALLY ET VIR | 878 | 354 |
| Q083768084 | DD | 5-12-8 | CLARK D CHASE ET UX | 878 | 357 |
| Q083768085 | DD | 5-12-8 | BRIDGET A POWDERLY | 881 | 29 |
| Q083768086 | DD | 5-12-8 | NORA K POWDERLY | 881 | 23 |
| Q083768087 | DD | 5-12-8 | KEVIN M POWDERLY | 890 | 518 |
| Q083768088 | DD | 5-12-8 | MARY S SCHOLL | 890 | 569 |
| Q083768089 | DD | 5-12-8 | BRIAN P POWDERLY ET UX | 890 | 563 |
| Q083768090 | DD | 5-12-8 | SUSANNE S QUARTERMAN | 890 | 560 |
| Q083768091 | DD | 5-12-8 | HARRIET C VENTURA ET VIR | 894 | 541 |
| Q083768099 | DD | 5-12-8 | EILEEN T POWDERLY | 873 | 81 |
| 10*23356 | EE | 5-12-7.2 | RAYMOND K AND MICHELE A MILLER | 988 | 484 |
| Q092567000 | FF | 5-12-7.1 | RAYMOND K MILLER MICHELE A MILLER | 866 | 340 |
| Q092567000 | GG | 5-12-13.1 | RAYMOND K MILLER MICHELE A MILLER | 866 | 340 |
| 10*21769 | HH | 5-12-13 | BETTY HAMILTON | 957 | 419 |
| 10*21770 | HH | 5-12-13 | SUSAN WINLAND AND PAUL MICHAEL WINLAND | 957 | 421 |
| 10*21776 | HH | 5-12-13 | LINDA HAMILTON | 957 | 417 |
| 10*21769 | II | 5-12-14 | BETTY HAMILTON | 957 | 419 |
| 10*21770 | II | 5-12-14 | SUSAN WINLAND AND PAUL MICHAEL WINLAND | 957 | 421 |
| 10*21776 | II | 5-12-14 | LINDA HAMILTON | 957 | 417 |
| 10*16918 | JJ | 5-12-12.1 | LONEL L AND MARY LEE PERSINGER | 976 | 617 |
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| 10*14420 | LL | 5-14-10 | ELLIS V. RINE AND WANDA P. RIN ET UX | 725 | 141 |
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H6A

P.S.
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David L Jackson



**TUG HILL
OPERATING**

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