

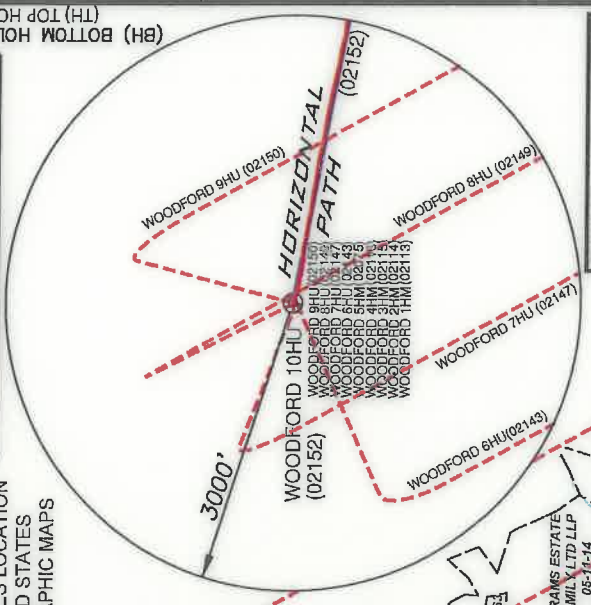
**WOODFORD LEASE
WELL 10HU
636.4012± ACRES**

TOP HOLE LATITUDE: 39°50'00"
BOTTOM HOLE LATITUDE: 39°47'30"
REFERENCES
SCALE 1"=400'
20" BLACK CHERRY
WOODFORD 10HU
18" SUGER MAPLE
S 53°01' E
333.9'

DETAIL SKETCH "A"
SCALE 1"=100'
WOODFORD 10HU (02152)
WOODFORD 9HU (02149)
WOODFORD 8HU (02147)
WOODFORD 7HU (02143)
WOODFORD 6HU (02139)
WOODFORD 5HU (02135)
WOODFORD 4HU (02131)
WOODFORD 3HU (02127)
WOODFORD 2HU (02123)

ASDRILLED LEG
PERMITTED LEG

(+) DENOTES LOCATION ON UNITED STATES TOPOGRAPHIC MAPS



SURFACE HOLE
UTM. NAD83, ZONE 17
N) 4,406,054.25
E) 516,098.08

LANDING POINT 1
UTM. NAD83, ZONE 17
N) 4,405,770.63
E) 517,168.24

BOTTOM HOLE
UTM. NAD83, ZONE 17
N) 4,402,969.79
E) 518,781.12

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)

LINE BEARING DISTANCE

L1	N 14°07' W	1647.74'
L2	N 50°56' E	2329.68'
L3	S 32°02' E	228.12'

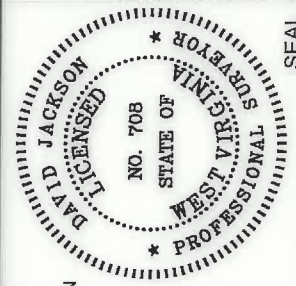
- NOTES**
- BORE PATH BASED ON GRID NORTH.
 - NO WATER WELLS WITHIN 250' OF WELL WERE FOUND. NO DWELLINGS WITHIN 625' OF PAD CENTER WERE FOUND.
 - OWNERSHIP TAKEN FROM PUBLIC RECORDS OF MARSHALL COUNTY, WV IN MARCH, 2017.
 - COORDINATES AND WELL TIES BASED UPON DIFFERENTIAL GPS MEASUREMENTS.
 - WELL LOCATION REFERENCES ARE BASED UPON THE MAGNETIC MERIDIAN.
 - ALL DEEP WELLS WITHIN 3,000' OF LATERAL ARE SHOWN ON THIS PLAT.

CURVE	CHORD BEARING	CHORD LENGTH	RADIUS	ARC LENGTH
C1	S 72°03' E	132.96'	126.30'	133.02'
C2	S 89°03' E	213.44'	2530.00'	213.30'
C3	S 84°32' E	237.68'	1006.37'	238.25'
C4	S 79°27' E	2288.37'	4126.10'	2288.67'
C5	S 75°22' E	350.49'	492.51'	358.94'
C6	S 47°41' E	286.33'	674.75'	288.82'

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 Z Jackson
P.S. 708

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



FILE NUMBER _____
DRAWING NUMBER WOODFORD_10HU_REV1
SCALE 1" = 2000'
MINIMUM DEGREE OF ACCURACY 1/200
PROVEN SOURCE OF ELEVATION SUBMETER MAPPING
GRADE GPS

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

DATE: JULY 27, 2020
OPERATORS WELL NO. Woodford 10HU
API WELL NO. _____

WELL TYPE: OIL ___ GAS ___ LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___
STATE COUNTY PERMIT
47-051-02152

LOCATION ELEVATION 1237.72' 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 COLUMBIAN CHEMICALS COMPANY LEASE ACREAGE 636.4012
PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___
PERFORMATE NEW FORMATION ___ OTHER PHYSICAL CHANGE (SPECIFY) ASDRILLED

TARGET FORMATION POINT PLEASANT
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

PERMIT
PLUG & ABANDON ___ CLEAN OUT & REPLUG ___
ESTIMATED DEPTH TMD: 11,256' TMD: 22,680'

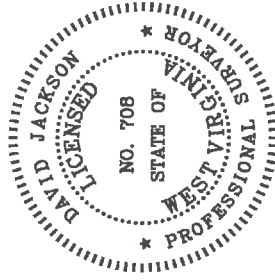
**WOODFORD LEASE
WELL 10HU
636.4012± ACRES**

LEASE NO.	TAGS	PARCEL	OIL & GAS ROYALTY OWNER	DEED BOOK	PAGE
0M112	A	5-7-43	COLUMBIAN CHEMICALS COMPANY	681	363
0M112	B	5-12-2	COLUMBIAN CHEMICALS COMPANY	691	363
10*24568	C	5-12-8	MARK A. JOHNSON ET UX	1020	195
10*24577	C	5-12-8	MICHAEL POWDERLY	1025	287
10*23896	C	5-12-8	LYNN A. YATES & WALTER R. YATES		
10*18827	C	5-12-8	MOLLY MCMAHON AND JOHN D. MCMAHON	1017	489
10*18835	C	5-12-8	FRAN ESCHOLL	937	626
10*18968	C	5-12-8	REBECCA LYNN KIER AND ERIC JAMES KIER	937	405
10*18968	C	5-12-8	E SHEILA PAVLOVICH	940	291
10*18969	C	5-12-8	JEANNE MARIE VAN GROLAND RICHARD ARTHUR VAN GROL	941	289
10*19500	C	5-12-8	JAMES CONTRERAS AND CATHERINE CONTRERAS	942	608
10*19825	C	5-12-8	THOMAS A POWDERLY	945	639
10*19826	C	5-12-8	TERRANCEV POWDERLY SR	945	637
10*19827	C	5-12-8	CORINNE E VERNA AND JONATHAN C VERNA SR	945	635
10*19828	C	5-12-8	ANNE M AND JOHN LEACH	945	633
10*19829	C	5-12-8	MARGARET J WHITFORD AND LANCE W WHITFORD	945	631
10*19830	C	5-12-8	DAVID POWDERLY AND NANCY A POWDERLY	945	629
10*21002	C	5-12-8	STANLEY EUGENE STOWE	951	215
10*21045	C	5-12-8	SANDRA J HARMON AND WALTER D HARMON	951	217
10*21190	C	5-12-8	MARGARET CLICKNER	941	283
10*21223	C	5-12-8	EUGENE C GRIEB AND SHIRLEY K GRIEB	961	468
10*21607	C	5-12-8	SHERLEY R STOWE & KAREN M STOWE	959	474
10*21924	C	5-12-8	BEVERLY A MILLER	953	533
10*21926	C	5-12-8	VIOLA JANE BREON AND JAMES RONALD BREON	953	360
10*21929	C	5-12-8	BENNY MILLER	960	177
10*21930	C	5-12-8	JAMES A GRENOBLE AND MARY JANE GRENOBLE	953	263
10*21936	C	5-12-8	SEAN M GRENOBLE AND CHERYL A GRENOBLE	960	91
10*21939	C	5-12-8	LIA F NELSON	960	96
10*22051	C	5-12-8	NOEL A PARKS	960	509
10*22209	C	5-12-8	JARON D LITMAN AND BETTY J LITMAN	963	408
10*22311	C	5-12-8	WILLIAM LITMAN AND VICKIE L LITMAN	963	404
10*22312	C	5-12-8	RICHARD WOOD AND VICKI WOOD	962	528
10*22349	C	5-12-8	ANITA RAE MILLER	910	152
10*22408	C	5-12-8	REBECCA S TAIR	962	578
10*22548	C	5-12-8	SHARON TOLER WILLIAMS & HERVY WILLIAMS	966	194
10*22604	C	5-12-8	WILLIAM LEESON	966	499
10*22605	C	5-12-8	MICHAEL R LEESON AND BRENDA R LEESON	966	486
10*22744	C	5-12-8	BRIDGET A POWDERLY	968	206
10*22858	C	5-12-8	THOMAS C DAVIS AND MARY ELLEN DAVIS	977	63
10*23004	C	5-12-8	KLOVA A MORRIS	977	382
0M83768001	C	5-12-8	SANDRA WINSLOW	831	54
0M83768002	C	5-12-8	KERMIT REED HUBBS ET UX	831	163
0M83768003	C	5-12-8	DOUGLAS G DERRROW	831	165
0M83768004	C	5-12-8	FERN A PICKENPAUGH	831	167
0M83768005	C	5-12-8	JEAN GAUTHIER	832	228
0M83768006	C	5-12-8	SONDRA SUE RULONG ET VIR	832	230
0M83768007	C	5-12-8	VERA SHIRLENE WORKMAN ET VIR	832	232
0M83768008	C	5-12-8	CHA RLOTTE A MERSEUS ET VIR	833	14
0M83768009	C	5-12-8	PHYLLIS JEAN OSTRANDER	833	472
0M83768010	C	5-12-8	JAMES A KOLL	832	594
0M83768011	C	5-12-8	MICHAEL W DERRROW	833	464
0M83768012	C	5-12-8	WILLIAM L WILLIAMS ET UX	833	574
0M83768013	C	5-12-8	KELLY KERN	863	189
0M83768014	C	5-12-8	SHIRLEY GBUR	863	191
0M83768015	C	5-12-8	NORMAN E DERRROW ET UX	832	580
0M83768016	C	5-12-8	BETTY JUNE CAMPBELL ET VIR	834	632
0M83768017	C	5-12-8	LAMONYE S BAKER	834	634
0M83768018	C	5-12-8	HONIUS ADAIR STOLLAR	836	36
0M83768019	C	5-12-8	MARTHA J JAMISON ET VIR	836	38
0M83768020	C	5-12-8	SARA BRADLEY	839	206
0M83768021	C	5-12-8	MARY S FOGLESONG ET VIR	837	352
0M83768024	C	5-12-8	JIMMIE WILLIAMS ET UX	837	143
0M83768025	C	5-12-8	JUDY ANN MCCHESEY ET VIR	840	291
0M83768027	C	5-12-8	PENNY S SCHAUER ET VIR	842	7
0M83768028	C	5-12-8	TRACI L WILLIAMS	842	9
0M83768029	C	5-12-8	STEVEN S DERRROW	842	24
0M83768029	C	5-12-8	MARY E VOITZ ET VIR	842	82
0M83768030	C	5-12-8	ELLIOTT L THRASHER II ET UX	842	510
0M83768031	C	5-12-8	JACK M FOREMAN	844	131
0M83768032	C	5-12-8	DOUGLAS E MILLER	844	570
0M83768033	C	5-12-8	REVA J TICARD ET VIR	844	526
0M83768034	C	5-12-8	JULIE SPRINGWATER	850	491
0M83768035	C	5-12-8	JULIE SPRINGWATER	850	499
0M83768036	C	5-12-8	JACK M FOREMAN	850	508
0M83768037	C	5-12-8	ANITA M MASON	851	5
0M83768038	C	5-12-8	BONNIE H GRISELLET VIR	850	646
0M83768039	C	5-12-8	MARY ELIZABETH VOITZ ET VIR	850	648
0M83768040	C	5-12-8	SCOTT C HARRIS ET UX	851	394
0M83768041	C	5-12-8	JACK M FOREMAN	854	178
0M83768042	C	5-12-8	JACQUELYN JOHNSON ET VIR	860	523
0M83768043	C	5-12-8	ROY JOSEPH LEACH	859	487
0M83768044	C	5-12-8	LESLIE ANN BLYTHE ET VIR	860	535
0M83768045	C	5-12-8	MURIEL ANNE MILLER ET VIR	860	545
0M83768046	C	5-12-8	GREGORY S MILLER ET UX	860	517
0M83768047	C	5-12-8	REBECCA L CULLEN ET VIR	860	558
0M83768048	C	5-12-8	FRANCES E RUTLEDGE ET VIR	860	513
0M83768049	C	5-12-8	LARRY DEAN MCWHORTER ET AL	860	529
0M83768050	C	5-12-8	LEROY MILLER	860	532
0M83768051	C	5-12-8	DAVID LEE EVANS JR ET UX	864	187
0M83768052	C	5-12-8	STEVEN POND ET UX	860	574
0M83768053	C	5-12-8	JIAN RIPP HAGEMANN	860	520
0M83768054	C	5-12-8	MELISSA MILLER GIBSON ET VIR	869	100
0M83768055	C	5-12-8	HEATHER D MALO ET VIR	866	336
0M83768056	C	5-12-8	RODNEY F PETERSON	866	342
0M83768057	C	5-12-8	PRISCILLA ANN MILLER HADEN	873	543
0M83768058	C	5-12-8	DANIEL D HOBBS ET UX	873	543
0M83768059	C	5-12-8	PICHARD S MULLEN ET UX	869	98
0M83768060	C	5-12-8	JAMES B CROW ET UX	869	108
0M83768061	C	5-12-8	GREGORY S CROW	869	106

SURFACE HOLE
UTM. NAD83, ZONE 17
IN METERS
N) 4,406,054.25
E) 516,097.97

LANDING POINT 1
UTM. NAD83, ZONE 17
IN METERS
N) 4,405,743.10
E) 517,183.87

BOTTOM HOLE
UTM. NAD83, ZONE 17
IN METERS
N) 4,402,971.90
E) 518,783.82



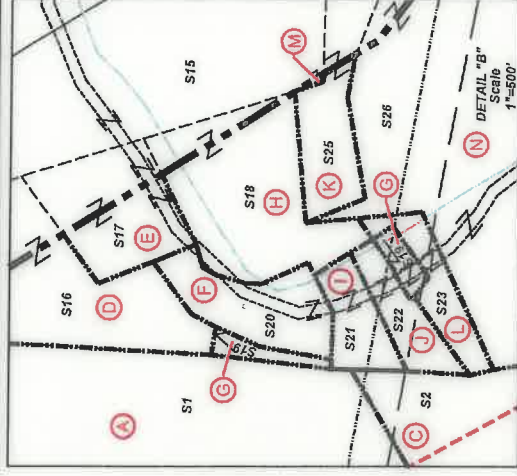
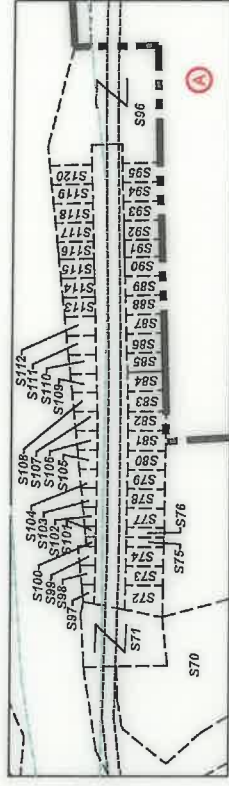
P.S.
708
David L Jackson



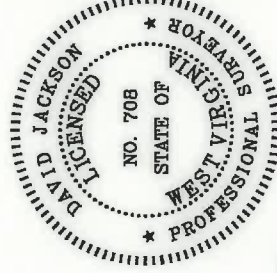
TUG HILL
OPERATING

OPERATOR'S
WELL #: Woodford 10HU
DISTRICT: Franklin
COUNTY: Marshall
STATE: WV
API# 47-051-02152

**WOODFORD LEASE
WELL 10HU
636.4012± ACRES**



Number	TAX MAP-PARCEL	SURFACE OWNER	ACRES
S1 (A)	05-07-43	CNX LAND, LLC	155.7119
S2 (C)	05-12-08	Amita Roe Miller (Life) Consolidation Coal Co./ Murray Energy	100.35
S3 (Q)	05-12-10		13.76
S4 (R)	05-12-12.1	Lionel L. Persinger, Et Ux.	148.09
S5 (S)	05-12-12	Lionel L. Persinger, Et Ux.	45
S6 (Y)	05-11-15	Lionel L. Persinger, Et Ux.	93
S7 (A)	05-15-01	Marcus Sharp & David Schlabach, Hrs.	121
S8	05-7B-49	Caasidy Rain Carpenter	1.1441
S9	05-7B-48	Caasidy 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 (M)	05-07-39	Lionel L. Persinger, et ux Holly Rice	57
S16 (D)	05-07-42.1		5.99
S17 (E)	05-07-41	James A. Wade	1
S18 (H)	05-07-42.5	Matthew V. Conner, et al	3.791
S19 (G)	05-07-42	Tracy M. Kesterson	0.54
S20 (F)	05-07-44	Crystal B. Darrah	1.726
S21 (I)	05-07-42.2	Steven & Rhonda Lloyd	0.85
S22 (J)	05-07-42.3	Joshua David Hartley	0.87
S23 (L)	05-07-42.4	Lionel & Mary Lee Persinger	0.94
S24	05-07-33	William N. Roupe	24.60
S25 (K)	05-12-09	Lionel & Mary Lee Persinger	10.15
S26 (N)	05-12-10.1	Consolidation Coal Co./ Murray Energy	38.48
S27 (O)	05-11-1.4	Larry W. Dunlap, et al	32.493
S28 (P)	05-11-1.1	Larry W. Dunlap & Charles Leroy, et al	34.405
S29 (T)	05-11-21	Karen Reed, et al	112.67
S30 (U)	05-12-11	Wesley B. Bryan & Wesley R. Bryan II	52.478
S31 (Z)	05-15-04	Joseph J. Kramer, et ux	41.106
S32 (B)	05-15-03	Joseph J. Kramer, et ux	36.10
S33 (D)	05-15-02	John David Petrock, et ux	5
S34 (F)	05-15-14	John David Petrock, et ux	25
S35 (H)	05-15-12	John David Petrock, et ux	150.23
S36	05-15-15	Robert L. Shields, et al	49
S37	05-14-12	Dale R. Gallaher, et al	135.100
S38	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	05-12-13	Linda Hamilton, et al	41.887
S42	05-12-7.1	Raymond K. Miller	1.609
S43	05-12-7.2	Raymond K. Miller	4.66
S44	05-12-07	Robert Wm. Riggenbach, et ux	104.231
S45 (B)	05-12-02	CNX LAND, LLC	60.68
S46	05-12-03	CNX LAND, LLC	62.30
S47	05-12-05	CNX LAND, LLC	61.883
S48	05-07-34	W VA DEPT OF HIGHWAYS	10.88
S49	05-07-31.2	WILLIAM N ROUPE ET UX	3.304
S50	05-07-31.4	GRANDVIEW-DOOLEN PSD	0.23
S51	05-07-32	WILLIAM N & VIRGINIA A ROUPE	4.2



P.S. *David L Jackson*
708



TUG HILL
OPERATING

OPERATOR'S
WELL #: Woodford 10HU
DISTRICT: Franklin
COUNTY: Marshall
STATE: WV
API# 47-051-02152

Number	TAX MAP-PARCEL	SURFACE OWNER	ACRES
S52	05-07-43.4	Ida Campbell	0.29
S53	05-07-43.1	State Road Commission	1.48
S54	05-11-01	William N. & Virginia A. Roupe	4.527
S55	05-11-1.6	Debra Morris	2.093
S56	05-11-1.3	Jay A. Conner, Et Ux	4.256
S57	05-11-1.2	Jay A. Conner, Et Ux	5.824
S58	05-11-02	Walter C. & Cheryl A. Rine	42.36
S59	05-11-2.2	Joshua A. Myers	2.193
S60	05-11-2.1	Walter C. & Cheryl A. Rine	1.19
S61	05-11-17.2	Brenda & Michael Bryan	11.504
S62 (X)	05-11-16	Keith E. Haught, Et Al	83.674
S63	05-11-14.1	Dennis F. Moore, Et Ux	1.056
S64	05-11-13	Joy D. Gartman & Arlin Gatts	12.29
S65	05-11-12	Joseph J. Kramer, Et Ux	43.2188
S66 (W)	05-15-5	Joseph J. Kramer, Et Ux	35.0
S67 (E)	05-15-6.1	Joseph J. Kramer, Et Ux	39.40
S68 (G)	05-15-13	CNX LAND, LLC	11.0
S69	05-15-10	Mark Stanley Ruckman	153.75
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	05-12-13.1	Raymond K. Miller	0.113

WELL PLAT

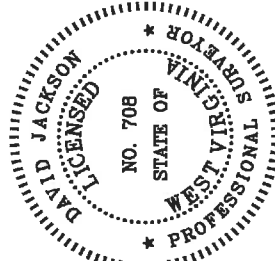
PAGE 2 OF 6

DATE: 07/27/2020

**WOODFORD LEASE
WELL 10HU
636.4012± ACRES**

Form W-6

LEASE NO.	TAGS	PARCEL	OIL & GAS ROYALTY OWNER	DEED BOOK	PAGE
0083768062	C	5-12-8	HAROLD B CROW ET UX	869	102
0083768063	C	5-12-8	BRIAN K CROW	869	104
0083768064	C	5-12-8	TIMOTHY HOWARD MARCHEGO	873	104
0083768065	C	5-12-8	KATHLEEN HOBBS YOUNG	869	356
0083768066	C	5-12-8	DAVID C MULLEN ET UX	869	358
0083768067	C	5-12-8	DENNIS FISHER ET UX	870	360
0083768068	C	5-12-8	KATHLEEN A SULLIVAN ET VIR	870	362
0083768069	C	5-12-8	FRANCIS F FISHER ET UX	871	494
0083768070	C	5-12-8	JOYCE A FIORILLI ET VIR	873	114
0083768071	C	5-12-8	BARBARA L VOGLER ET VIR	873	112
0083768072	C	5-12-8	HARRIET C HERMAN ET VIR	873	116
0083768073	C	5-12-8	EUGENIA A KERR	873	118
0083768074	C	5-12-8	JANE H BARNSTEINER ET UX	873	93
0083768075	C	5-12-8	EDWARD P POWDERLY ET UX	873	91
0083768076	C	5-12-8	NORA C POWDERLY	873	89
0083768077	C	5-12-8	MARY F WEILAND	873	124
0083768078	C	5-12-8	JAMES E HERMAN	873	128
0083768080	C	5-12-8	ANTHONY T POWDERLY ET UX	878	363
0083768081	C	5-12-8	SHARON L SCHOLL	878	379
0083768082	C	5-12-8	JAMES T SCHOLL	878	376
0083768083	C	5-12-8	ANNE GAIBALLY ET VIR	878	354
0083768084	C	5-12-8	CLARK D CHASE ET UX	878	357
0083768085	C	5-12-8	BRIDGET A POWDERLY	881	23
0083768086	C	5-12-8	NORA K POWDERLY	881	23
0083768087	C	5-12-8	KEVIN M POWDERLY	890	518
0083768088	C	5-12-8	MARY S SCHOLL	890	569
0083768089	C	5-12-8	BRIAN P POWDERLY ET UX	890	563
0083768090	C	5-12-8	SUSANNE S QUARTERMAN	890	560
0083768091	C	5-12-8	HARRIET C VENTURA ET VIR	894	541
0083768099	C	5-12-8	EILEEN T POWDERLY	873	81
10*24586	D	5-7-42.1	STONE HILL MINERAL HOLDINGS, LLC		
			ANGELA B CRAWFORD AND DANA ALAN CRAWFORD		
10*18403	E	5-7-41		932	536
10*18454	E	5-7-41	IMALEE D LLOYD AND GARY R LLOYD	933	186
10*18455	E	5-7-41	DEBRA HARTLEY AND RICHARD HARTLEY	933	183
10*18724	E	5-7-41	TRACY M KESTERSON	938	521
10*21133	E	5-7-41	MATTHEW V AND CINDY L CONNER	951	602
0076872007	E	5-7-41	TRACY M KESTERSON	860	579
0090625000	F	5-7-44	CRYSTAL B DARRAH	858	252
0076872007	G	5-7-42	TRACY M KESTERSON	860	579
10*21132	H	5-7-42.5	GREGORY E RICE AND LORI MARIE RICE	951	212
			JOE PAUL WELLMAN AND MARTHA GAYLE WELLMAN		
0090236002	H	5-7-42.5		842	516
0091524001	H	5-7-42.5	DEBRA HARTLEY AND RICHARD HARTLEY	862	251
0091524002	H	5-7-42.5	MATTHEW V CONNER AND CINDY CONNER	862	253
0091524003	H	5-7-42.5	TRACY M KESTERSON	860	577
0091524004	H	5-7-42.5	ANGELA CRAWFORD AND DANA CRAWFORD	862	255
0091524005	H	5-7-42.5	IMALEE LLOYD AND GARY LLOYD	862	257
0091524006	H	5-7-42.5	WILLIAM R LEVASSEUR JR	862	301
0091524007	H	5-7-42.5	TOM KROL AND DAWN ELLEN KROL	873	98
			CHRISTINA BOARDWINE AKA TINA BOARDWINE AND BOBBY W BOARDWINE		
0091524008	H	5-7-42.5		873	95
0090800000	I	5-7-42.2	STEVEN LLOYD AND RHONDA LLOYD	853	314
0087970019	J	5-7-42.3	JOSHUA DAVID HARTLEY	853	318
10*19154	K	5-12-9	ROBERT H FISH PATSY C FISH	706	631
			JASON REED HARTLEY AND JOCELYN R. HARTLEY		
10*24580	L	5-7-42.4			
10*16914	M	5-7-39	LIONEL L AND MARY LEE PERSINGER	976	620
10*19751	N	5-12-10.1	THOMAS L ROBINSON	944	426
10*19752	N	5-12-10.1	PATRICIA ANKROM	944	447
10*19841	N	5-12-10.1	CAROLYN JEAN FERGUSON	945	641
			JAMES E ROBINSON AND CAMILLA L ROBINSON		
10*19842	N	5-12-10.1		945	643
10*19843	N	5-12-10.1	JOHN S ROBINSON AND SHERRIE J ROBINSON	945	646
10*19975	N	5-12-10.1	CHARLES F STEWART	948	270
624169	N	5-12-10.1	FRANK ALICE LEONA & BEN	425	232
10*47051.0891.0	O	5-11-14	LARRY W DUNLAP AND BARBARA E DUNLAP	864	148
10*47051.0891.0	P	5-11-14	LARRY W DUNLAP AND BARBARA E DUNLAP	864	148
624169	Q	5-12-10	FRANK ALICE LEONA & BEN	425	232
10*19751	Q	5-12-10	THOMAS L ROBINSON	944	426
10*19752	Q	5-12-10	PATRICIA ANKROM	944	447
10*19841	Q	5-12-10	CAROLYN JEAN FERGUSON	945	641
			JAMES E ROBINSON AND CAMILLA L ROBINSON		
10*19842	Q	5-12-10		945	643
10*19843	Q	5-12-10	JOHN S ROBINSON AND SHERRIE J ROBINSON	945	646
10*19975	Q	5-12-10	CHARLES F STEWART	948	270
10*16918	R	5-12-12.1	LIONEL L AND MARY LEE PERSINGER	976	617
10*16908	S	5-12-12	LIONEL L AND MARY LEE PERSINGER	976	623
10*22810	T	5-11-21	CLYDE V. & KAREN S REED	864	190
10*19009	U	5-12-11	LAMOYNE BAKER	665	554
10*22065	U	5-12-11	WESLEY R BRYAN II	960	417
10*22066	U	5-12-11	WESLEY R BRYAN	960	419
10*19139	V	5-11-14	HIRAM V MOORE	699	53
			KEVIN R. CORLEY AND ANITA L CORLEY, HUSBAND AND WIFE		
10*19126	W	5-11-17		859	44
10*19176	W	5-11-17	MAXINE BETSER	710	602
10*19177	W	5-11-17	NINA L KOVACS	710	594
10*19185	W	5-11-17	HARRIET LODDUTH FOLEY	710	598
10*19186	W	5-11-17	JOEL GLOVER	710	600
10*19189	W	5-11-17	SHERRY ANN MCPHERON	710	606
10*19190	W	5-11-17	SALLY LEE RIVERA	710	590
10*19191	W	5-11-17	SHARLA BETH WEAVER	710	608
10*19192	W	5-11-17	JAMES E YOHO	714	129
10*19201	W	5-11-17	DANIEL K YOHO	714	125
10*19202	W	5-11-17	DEBRAH L WOOLEY	714	131
10*19203	W	5-11-17	CAROL M YOHO	713	205
10*19204	W	5-11-17	DAYNA MARLENE YOHO	714	127
10*19205	W	5-11-17	JEFFREY C YOHO	713	203
10*19251	W	5-11-17	KAE SUZETTE BAKER	748	315
10*19252	W	5-11-17	JOHN WILSON	749	522
10*19502	W	5-11-17	SUSAN BLANCHE BETSER	942	623
10*19953	W	5-11-17	WINIFRED G TURNER AND EDDIE G TURNER	948	277
10*22041	W	5-11-17	SHERY RITCHEA AND RANDEN D RITCHEA	949	365
10*22001	W	5-11-17	GREGORY K GLOVER	953	271
10*19139	X	5-11-16	HIRAM V MOORE	699	53
10*19176	X	5-11-16	JOSEPH HAUGHT	710	69
10*19179	X	5-11-16	KEITH HAUGHT BEVERLY HAUGHT	710	587



P.S.
708
David L Jackson



**TUG HILL
OPERATING**

OPERATOR'S
WELL #1 Woodford 10HU
DISTRICT: Franklin
COUNTY: Marshall
STATE: WV
API# 47-051-02152

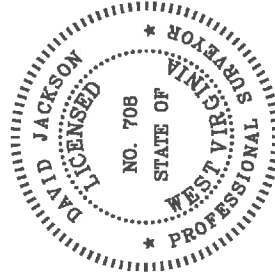
WELL PLAT

PAGE: 4 OF 6

DATE: 07/27/2020

**WOODFORD LEASE
WELL 10HU
636.4012± ACRES**

LEASE NO.	TAGS	PARCEL	OIL & GAS ROYALTY OWNER	DEED BOOK	PAGE
10*19180	X	5-11-16	STEVEN HAUGHT	710	67
10*14911	Y	5-11-15	FORREST MILLER	819	316
10*18913	Y	5-11-15	LIONEL LAND MARYLEE PERSINGER	976	626
10*17329	Y	5-11-15	JOHN P ICARD AND REVA J ICARD	976	524
10*18045	Y	5-11-15	KLOVA ANN MORRIS	927	114
10*18174	Y	5-11-15	THE ESTATE OF ROY JOSEPH LEACH	927	647
10*19642	Y	5-11-15	NOEL A PARKS	944	92
10*21455	Y	5-11-15	MELISSA MILLER GIBSON AND JAMES GIBSON	953	308
10*21903	Y	5-11-15	WILLIAM R VOLTZ AND SHARON VOLTZ	960	182
10*21904	Y	5-11-15	MARY S MAGERS AND WILLIAMS MAGERS	960	158
10*21905	Y	5-11-15	DAVID F VOLTZ AND LINDA VOLTZ	961	444
10*21906	Y	5-11-15	MICHAEL P VOLTZ	960	164
10*21910	Y	5-11-15	J THOMAS VOLTZ AND NANCY VOLTZ	960	179
10*22134	Y	5-11-15	ULA F NELSON	960	96
10*22929	Y	5-11-15	JACK MICHAEL FOREMAN	961	449
10*22311	Y	5-11-15	JARON DUTMAN AND BETTY J LUTMAN	963	408
10*22312	Y	5-11-15	WILLIAM LUTMAN AND VICKIE L LUTMAN	963	404
10*22438	Y	5-11-15	RICHARD WOOD AND VICKI WOOD	962	528
10*22559	Y	5-11-15	JULIE SPRINGWATER	964	231
10*19293	Z	5-15-4	SHARON TOLER WILLIAMS & HERVY WILLIAMS	966	94
10*14043	AA	5-15-1	JOSEPH L. KRAMAR, SR. JO ANN KRAMAR	655	566
10*14044	AA	5-15-1	PATRICK R. WALSH	725	566
10*14045	AA	5-15-1	JOSEPH WESLEY GALLAHER, II	724	232
10*14046	AA	5-15-1	LAMOYNE BAKER	724	236
10*14047	AA	5-15-1	CHARLES THOMPSON GALLAHER, II	724	234
10*14051	AA	5-15-1	LESLIE ANN BLYTHE	726	645
10*14048	AA	5-15-1	BRYANNA FLYNN RANKIN	727	3
10*14049	AA	5-15-1	WILDA WINTERS	726	643
10*14050	AA	5-15-1	JUDITH L. CHAMBERS	726	647
10*14051	AA	5-15-1	AMANDA L. SMITH	727	572
10*14052	AA	5-15-1	MAY ELIZABETH GALLAHER BROWNIN	727	558
10*14053	AA	5-15-1	LARRY D. MCWHORTER	727	570
10*14054	AA	5-15-1	RUDOLPH RAUKAR, JR.	730	189
10*14055	AA	5-15-1	VICTOR PEDDICORD	730	193
10*14056	AA	5-15-1	WALLACE T. BERRY	731	156
10*14057	AA	5-15-1	THE SAMUEL MILTON SHEETS TRUST	732	624
10*14058	AA	5-15-1	NANCY HOFSTATTER	732	628
10*14059	AA	5-15-1	LAURA BERRY MCGLYNN	732	622
10*14062	AA	5-15-1	REBECCA MCMILLAN	803	482
10*14064	AA	5-15-1	DAVID BURNETT	803	480
10*14064	AA	5-15-1	CIRIUS MINERALS LLC	814	379
10*47051.3311.1	AA	5-15-1	LEEANN M LEMONOVICH	863	452
10*19030	BB	5-15-3	KATHLEEN R CUSTEAD	806	39
10*22911	BB	5-15-3	SUSAN W. PARSONS ET UX	1019	470
10*19038	BB	5-15-3	PHYLLIS L PARSONS	814	379
10*19046	BB	5-15-3	CAROL J WEINSTEIN	813	33
10*19047	BB	5-15-3	DEBORAH CROSTEN-PURCELL	813	28
10*19048	BB	5-15-3	JANET FRANKHAUSER WILSON	817	627
10*19055	BB	5-15-3	DONNA J GORDYAN	814	468
10*19056	BB	5-15-3	LESLIE R KEYS	814	463
10*19061	BB	5-15-3	ANN WOLLSCHLEGER	817	615
10*19066	BB	5-15-3	MICHAEL L FRANKHAUSER	818	29
10*19068	BB	5-15-3	LINDA L RUPERT	820	229
10*19071	BB	5-15-3	SCOTT D FRANKHAUSER	822	446
10*19074	BB	5-15-3	DONNA L CLAPPER	820	191
10*19075	BB	5-15-3	PHILIP G FRANKHAUSER	822	441
10*19076	BB	5-15-3	FRANKHAUSER LIVING TRUST SUSAN LIVINGSTON, TRUSTEE	826	495
10*19080	BB	5-15-3	HAMEL	895	266
10*19081	BB	5-15-3	RUDINA A FRANKHAUSER	891	457
10*19128	BB	5-15-3	RUDOLPH G FRANKHAUSER	860	258
10*19254	BB	5-15-3	JOANNE LABRY	820	320
10*19293	BB	5-15-3	JOSEPH L. KRAMAR, SR. JO ANN KRAMAR	655	566
10*21934	BB	5-15-3	BERNETTA D BROWN AND DOUGLAS M BROWN	960	167
10*21936	BB	5-15-3	CHRISTOPHER L PARSONS & LAURA A PARSONS	960	170
10*22046	BB	5-15-3	PHYLLIS E HARVEY AND STEVEN E HARVEY	960	398
10*22323	BB	5-15-3	ROBERT W PARSONS AND LINDA B PARSONS	962	197
10*22404	BB	5-15-3	REBECCA S LUKATS AND ELMER M LUKATS	962	566
10*22417	BB	5-15-3	RONALD L PARSONS AND PAULA J PARSONS	963	386
10*19293	CC	5-15-5	JOSEPH L. KRAMAR, SR. JO ANN KRAMAR	655	566
10*19309	DD	5-15-2	KAREN I DENNY	798	551
10*19310	DD	5-15-2	ELEEN DINGER & RICHARD DINGER	799	101
10*19311	DD	5-15-2	FLORENCE K FOSTER & DAVID B FOSTER	798	395
10*19312	DD	5-15-2	MARK A GALLAGHER	799	92
10*19313	DD	5-15-2	NANCY KAY GALLAGHER	798	579
10*19314	DD	5-15-2	THE JOSEPHINE A RYAN REV LIVING TRUST	798	495
10*19315	DD	5-15-2	REBECCA J KOVALCHIK AND WILLIAM D KOVALCHIK	798	597
10*19316	DD	5-15-2	CAROL A KURTZ	361	798
10*19317	DD	5-15-2	SHIRLEY J POGORZELSKI	798	588
10*19318	DD	5-15-2	PATRICIA M PORTWOOD AND CLARENCE A PORTWOOD	798	561
10*19319	DD	5-15-2	JUDY L RIDGWAY	799	110
10*19320	DD	5-15-2	ALBERTA RYAN	799	46
10*19321	DD	5-15-2	FINLEY L RYAN JR	798	624
10*19322	DD	5-15-2	JAMES D RYAN	798	504
10*19323	DD	5-15-2	JAMES R RYAN JR AND PAULA J RYAN	798	370
10*19324	DD	5-15-2	KEVIN MICHAEL RYAN	799	166
10*19325	DD	5-15-2	RUTH E RYAN	798	570
10*19326	DD	5-15-2	VINCENT JASON RYAN III	799	137
10*19327	DD	5-15-2	WILBERT W RYAN JR	798	615
10*19328	DD	5-15-2	WILLIAM HERVEY MILLER RYAN	799	128
10*19329	DD	5-15-2	GEORGE SETTLES	799	28
10*19330	DD	5-15-2	ELSIE M SHORTLAND	799	119
10*19331	DD	5-15-2	RHONDA R TOPPER & DAVID R TOPPER	799	19
10*19332	DD	5-15-2	MARY F WASZKIEWICZ	798	606
10*19334	DD	5-15-2	AUDREY E WELLS	798	366
10*19334	DD	5-15-2	KATHRYN G WOOD	800	162
10*19335	DD	5-15-2	WOODROW A. RYAN REV TRST JACK W. RYAN,	799	37
10*19337	DD	5-15-2	JACK PETROCK HATTIE PETROCK	741	68
10*19293	EE	5-15-6.1	JOSEPH L. KRAMAR, SR. JO ANN KRAMAR	655	566
10*19295	EE	5-15-6.1	KEVIN J. KELLY PAMELA MARXEN-KELLY	858	381
10*19296	EE	5-15-6.1	MARISA C MARKEN	887	120



P.S. 708
David L Jackson



TUG HILL
OPERATING

OPERATOR'S
WELL #: Woodford 10HU
DISTRICT: Franklin
COUNTY: Marshall
STATE: WV
API# 47-051-02152

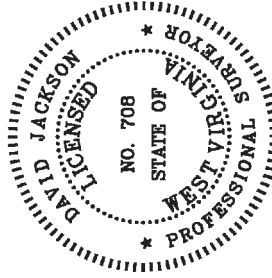
WELL PLAT

PAGE: 5 OF 6

DATE: 07/27/2020

**WOODFORD LEASE
WELL 10HU
636.4012± ACRES**

LEASE NO.	TAGS	PARCEL	OIL & GAS ROYALTY OWNER	DEED BOOK	PAGE
10*19297	EE	5-15-6.1	PHILIP LEONARD MARKEN	839	410
10*19298	EE	5-15-6.1	BETTY J MARKEN SLEZAK	822	351
10*19299	EE	5-15-6.1	ANNETTE CONWAY MARKEN	817	512
10*19300	EE	5-15-6.1	DEBORAH F HAGEMAN HUPPERT	815	145
10*19301	EE	5-15-6.1	SANDRA HAGEMAN KANGAS	815	150
10*19302	EE	5-15-6.1	JEFFREY C MARKEN SAMANTHA L MARKEN	817	505
10*19303	EE	5-15-6.1	THOMAS O MARKEN	814	589
10*19304	EE	5-15-6.1	DEAN L RINE, JR, PAMELA F. RINE	813	635
10*19305	EE	5-15-6.1	KAREN MARKEN SONDROL	813	605
10*19306	EE	5-15-6.1	RICHARD L TATE MARCELINE RINE TATE	814	594
10*19307	EE	5-15-6.1	MARY SUE RINE-WALTER	815	155
10*19308	EE	5-15-6.1	WILLIAM WEBER	817	646
10*19337	FF	5-15-14	JACK PETROCK HATTIE PETROCK	741	68
10*24854	GG	5-15-13	VINCENT JASON RYAN III	1024	195
10*24852	GG	5-15-13	ALBERTA RYAN	1024	198
10*19294	GG	5-15-13	MICHAEL R. BRYAN BRENDA K. BRYAN	741	78
10*21175	GG	5-15-13	KEITH A. RYAN	952	177
10*21176	GG	5-15-13	FLORENCE K FOSTER & DAVID B FOSTER	952	179
10*21177	GG	5-15-13	RHONDA R TOPPER & DAVID R TOPPER	952	181
10*21374	GG	5-15-13	SHIRLEY J POGORZELSKI	957	9
10*21375	GG	5-15-13	REBECCA J KOVALCHIK AND WILLIAM D KOVALCHIK	957	17
10*21376	GG	5-15-13	JACK W RYAN AND JANET N RYAN	957	15
10*21377	GG	5-15-13	DAVID A RYAN AND CYNTHIA L RYAN	957	13
10*21378	GG	5-15-13	ROBECCA K OLDAKER AND ALVIN L OLDAKER JR	957	11
10*21379	GG	5-15-13	PATRICIA M PORTWOOD AND CLARENCE A PORTWOOD	957	19
10*21380	GG	5-15-13	JAMES R RYAN JR AND PAULA J RYAN	957	21
10*21381	GG	5-15-13	NANCY KAY GALLAGHER	957	23
10*21859	GG	5-15-13	JAMES D RYAN AND NORMA J RYAN	959	524
10*21900	GG	5-15-13	LUCINDIA A MARKLE AND KIM D MARKLE	959	520
10*21901	GG	5-15-13	WYONNE HOOVER AND JAMES A HOOVER	959	518
10*21902	GG	5-15-13	AUDREY E WELLS AND TIMOTHY R WELLS	959	522
10*22047	GG	5-15-13	KAREN J DENNY AND GARY W DENNY	960	415
10*22048	GG	5-15-13	ELSIE M SHORTLAND	960	401
10*22049	GG	5-15-13	DAVID W RYAN AND KRISTEN E RYAN	960	407
10*22050	GG	5-15-13	WILLIAM H RYAN & DANIELA H RYAN	960	403
10*22288	GG	5-15-13	CAROL A KURTZ AND JAMES A KURTZ	960	405
10*22405	GG	5-15-13	WILLIAM WOOD	962	564
10*22406	GG	5-15-13	RUTH E RYAN	962	562
10*22514	GG	5-15-13	JUDY L RIDGWAY	964	444
10*22515	GG	5-15-13	GEORGE W SETTLES	964	442
10*22597	GG	5-15-13	MARLYN C RYAN	966	90
10*22657	GG	5-15-13	DAN M JR AND CYNTHIA J RYAN	960	403
10*19337	HH	5-15-12	JACK PETROCK HATTIE PETROCK	741	68



P.S. 708
David L Jackson



TUG HILL
OPERATING

OPERATOR'S
WELL #: Woodford 10HU
DISTRICT: Franklin
COUNTY: Marshall
STATE: WV
API# 47-051-02152

WELL PLAT
PAGE: 6 OF 6
DATE: 07/27/2020