

**PENDLETON LEASE
WELL N-11HU
94.1152± ACRES**

LEGEND

- ▬ LEASED TRACTS
- ▬ SURFACE TRACTS
- ▬ WELL LATERAL
- ▬ POINT PLEASANT LEGS
- ▬ UNIT BOUNDARY
- (A) LEASE # (SEE 6A1 FORM)

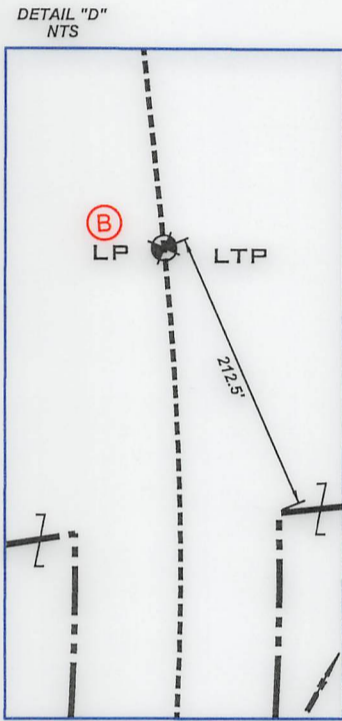
--- 400' BORE PATH OFFSET
- - - 500' WELL BORE OFFSET

CURVE	CHORD BEARING	CHORD LENGTH	RADIUS	ARC LENGTH
C1	N 48°41' E	78.29'	170.11'	79.00'
C2	N 24°41' E	97.16'	270.74'	97.69'
C3	N 07°50' E	119.99'	507.20'	120.27'
C4	N 03°27' W	144.59'	876.05'	144.75'
C5	N 15°06' W	263.87'	1167.66'	264.44'
C6	N 25°03' W	242.17'	1687.34'	242.38'

SURFACE HOLE
UTM. NAD83, ZONE 17
IN METERS
N) 4,400,425.91
E) 522,805.60

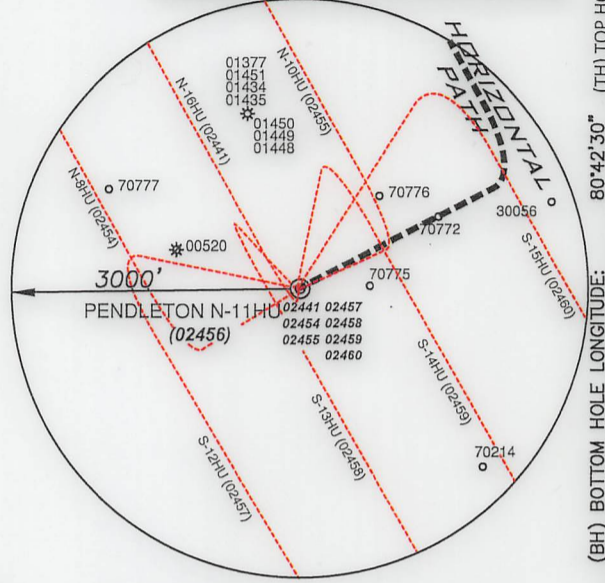
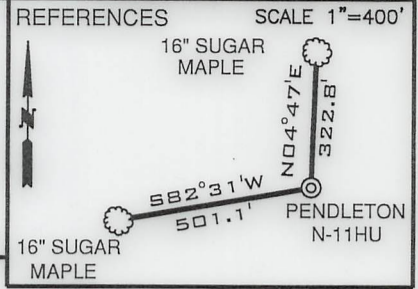
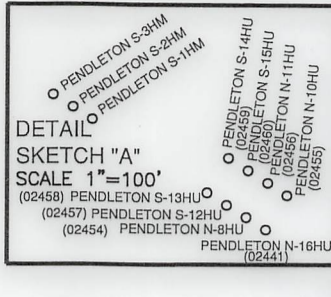
LANDING POINT 1
UTM. NAD83, ZONE 17
IN METERS
N) 4,401,018.18
E) 523,380.72

BOTTOM HOLE
UTM. NAD83, ZONE 17
IN METERS
N) 4,401,709.91
E) 522,980.68



(+) DENOTES LOCATION ON UNITED STATES TOPOGRAPHIC MAPS

- 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 FEBRUARY 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, MCCAMEY & CHILCOTE, P.C. FILE 0058304.0401147
 - LINE FOR 5-16-7, 8, 9, 10, 11, & 9-13-3 WERE SURVEYED BY SLS.
 - LP1 & LTP ARE THE SAME POINT



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
47-051-02454	Tug Hill Operating, LLC
47-051-02455	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

FILE NUMBER _____
DRAWING NUMBER: **PENDLETON N-11HU_REV2**
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 1460
Clarksburg, WV 26302
304-623-5851



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

DATE: AUGUST 2, 2022
OPERATORS WELL NO. PENDLETON N-11HU
API WELL NO. 47-051-02456
STATE WV COUNTY MARSHALL 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) _____

TARGET FORMATION POINT PLEASANT ESTIMATED DEPTH TVD: 11,810' TMD: 15,118'

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

08/26/2022

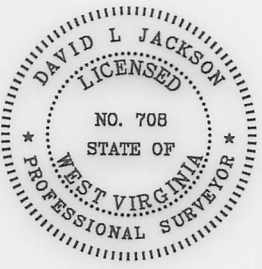
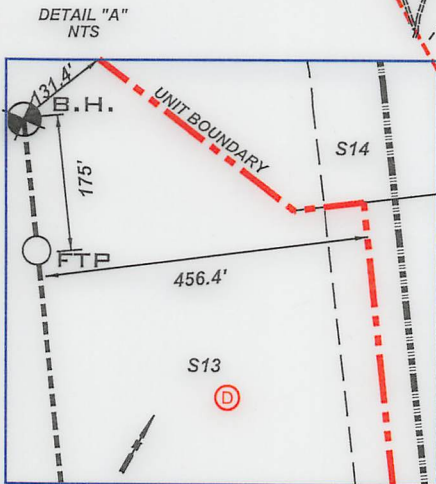
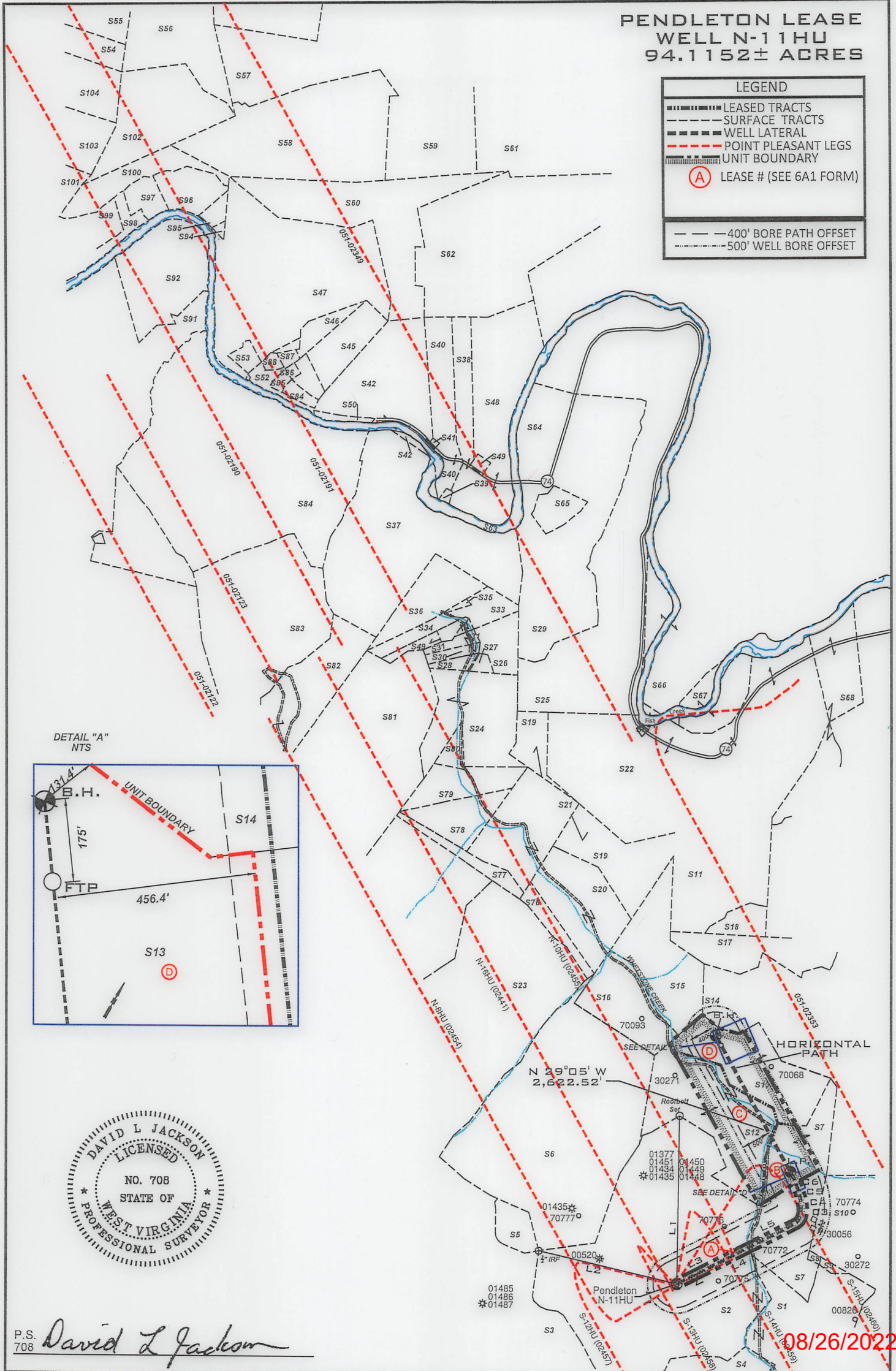
COUNTY NAME
PERMIT

PENDLETON LEASE
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P.S. 708 *David L Jackson*

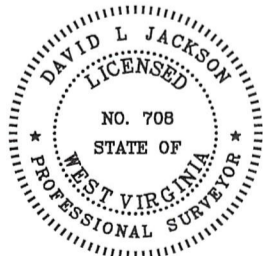
08/26/2022

	OPERATOR'S	WELL PLAT
	WELL #: PENDLETON N-11HU	PAGE 2 OF 4
	DISTRICT: Franklin	DATE: 08/02/2022
	COUNTY: Marshall	
	STATE: WV	
API: 47-051-02456		

FORM WV-6

**PENDLETON LEASE
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94.1152± ACRES**

Parcels within Unit Boundary				
Tags	Number	Tax Map -Parcel	Surface Owner	Acres
A	S2	05-17-06	ALPINE FARM LLC	249.07
B	S7	09-16-03	BERTHA L. KLUG	71
C	S12	05-17-05	ALPINE FARM LLC	76.96
D	S13	09-16-02	ROBERT & NANCY MCCARDLE	53.40
Adjoining Parcels Ownership Table				
Tags	Number	Tax Map -Parcel	Surface Owner	Acres
	S3	05-17-08	ROGER H. HALL, JR	257.50
	S4	05-24-02	ROY FRIEND YOHO	316.80
	S5	05-17-07	ALPINE FARM LLC	10.8
	S6	05-17-04	ALPINE FARM LLC	212
	S8	09-18-03	BERTHA L. KLUG	1.33
	S9	09-18-04	BERTHA L. KLUG	1
	S10	09-16-04	BERTHA L. KLUG	73.39
	S11	09-13-05	SCOTT D. & KRYSTAL HICKMAN	190.12
	S14	09-16-05	ROBERT M. & NANCY R. MCCARDLE	133
	S15	09-16-01	ROBERT M. & NANCY R. MCCARDLE	46.80
	S16	05-16-13	DAVID ALAN RUBCICH ET AL	33.31
	S17	09-13-25	ROBERT M. & NANCY R. MCCARDLE	48
	S18	09-13-26	ROBERT M. & NANCY R. MCCARDLE	9.02
	S19	09-13-02	SYLVIA I VAN SCYOC & REBECCA K. JOHNSON, WANETTA V. & NORMAN G. JOHNSON - LIFE	41.5
	S20	09-13-01	LOUIS VAN SCYOC	46.13
	S21	09-13-03	LOUIS VAN SCYOC	52.4
	S22	09-13-04	LOUIS AULENBACHER	100.191
	S23	05-17-03	SOUTHERN COUNTRY FARMS, INC.	190.132
	S24	05-16-07	LOUIS AULENBACHER	50
	S25	09-10-02	CAROL VAN SCYOC EST.	207.988
	S26	05-10-13	JOSEPH LEE CROW	12.18
	S27	05-10-13.1	DAVID LEE QUIGLEY, JR.	2.88
	S28	05-10-19	LOUIS AULENBACHER	3.209
	S29	09-10-01	CAROL VAN SCYOC EST.	118.087
	S30	05-10-20	LOUIS AULENBACHER	3.554
	S31	05-10-21	LOUIS AULENBACHER	3.677
	S32	5-10-22.1	BRADLEY L. & CONNIE L. HUBBARD	0.305
	S33	05-10-12	JOSEPH LEE CROW	11.279
	S34	05-10-12.1	JOHN PAUL SMITH, JR. ET AL	8.86
	S35	05-10-11	JOSEPH LEE CROW	1
	S36	05-10-10	LOUIS DELBERT VAN SCYOC	24.50
	S37	05-10-09	HERBERT M. AULENBACHER, JR.	141.43
	S38	05-10-07	WILLIAM F. RULONG, ET AL	22.872
	S39	05-10-06	WILLIAM F. RULONG, ET AL	0.95
	S40	05-10-05	WILLIAM F. RULONG, ET AL	27.5
	S41	05-10-04.1	WILLIAM F. RULONG, ET AL	0.39
	S42	05-10-04	JASON J. STEED	74.229
	S44	05-10-22	LOUIS AULENBACHER	6.461
	S45	05-10-04.12	JASON J. STEED	20.07
	S46	05-10-04.13	SHEENA ROSE	7.393
	S47	05-09-13.2	JASON J. STEED	135.61
	S48	05-10-08	WILLIAM F. POLING ET AL	70.6672
	S49	05-10-8.1	SAMUEL D. & BECKY ROBINSON	1.511
	S50	05-10-4.7	CARL L. & LAURA A. GILBERT	2.11
	S51	05-10-4.14	JASON J, STEED	1.184
	S52	05-10-4.10	SHEENA ROSE	3.145
	S53	05-09-13	KAREN M. KAZEMKA (NKA KAREN M. WILSON)	3.69
	S54	05-09-02	JAMES R. & DEDE LEGG ET AL	23.141
	S55	05-09-02.1	JEFFREY L. LEGG	20.5
	S56	05-09-03	JAMES R., II & DEDE LEGG ET AL	49
	S57	05-09-06	PATRICIA MCCLINTOCK	101
	S58	05-09-07	PATRICIA MCCLINTOCK	110.02
	S59	05-09-09	ROBERT GREGORY MCGUIRE	49
	S60	05-09-12	ROBERT GREGORY MCGUIRE	78.28
	S61	09-04-01	ROBERT GREGORY MCGUIRE	76.75
	S62	05-09-10	ROBERT GREGORY MCGUIRE	139.6
	S63	FISH CREEK	WV DIVISION OF NATURAL RESOURCES	NA
	S64	09-10-1.3	FINLEY D. MONTGOMERY ET UX	20.294
	S65	09-10-20	JOSHUA A. & SHANNON N. HOYT	9.942
	S66	09-10-19	JANET E. & ALAN KELLEY	113.08
	S67	09-13-04.1	H & I EQUIPMENT, LLC	0.44
	S69	09-10-19.1	DENNIS W. HUNTER	10



P.S. 708 *David L Jackson*

08/26/2022



**TUG HILL
OPERATING**

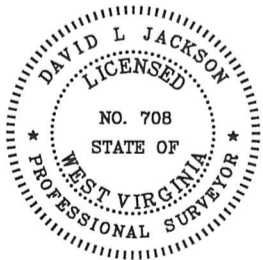
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WELL PLAT
PAGE 3 OF 4
DATE: 08/02/2022

form wwg


**PENDLETON LEASE
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LEASE ID	TMP	TAG	GRANTOR, LESSOR, ETC.	DEED BOOK/PAGE	
10*14114	5-17-6	A	ELI & FANNIE MAE WENGERD	671	323 ✓
10*19638	9-16-3	B	GREGORY J HALL, ET AL	944	461 ✓
1287845-002	5-17-5	C	DOROTHY SEDOSKY, ET AL	690	156 ✓
10*19083	9-16-2	D	RITA RAE STEPHENS, ET AL	683	302



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