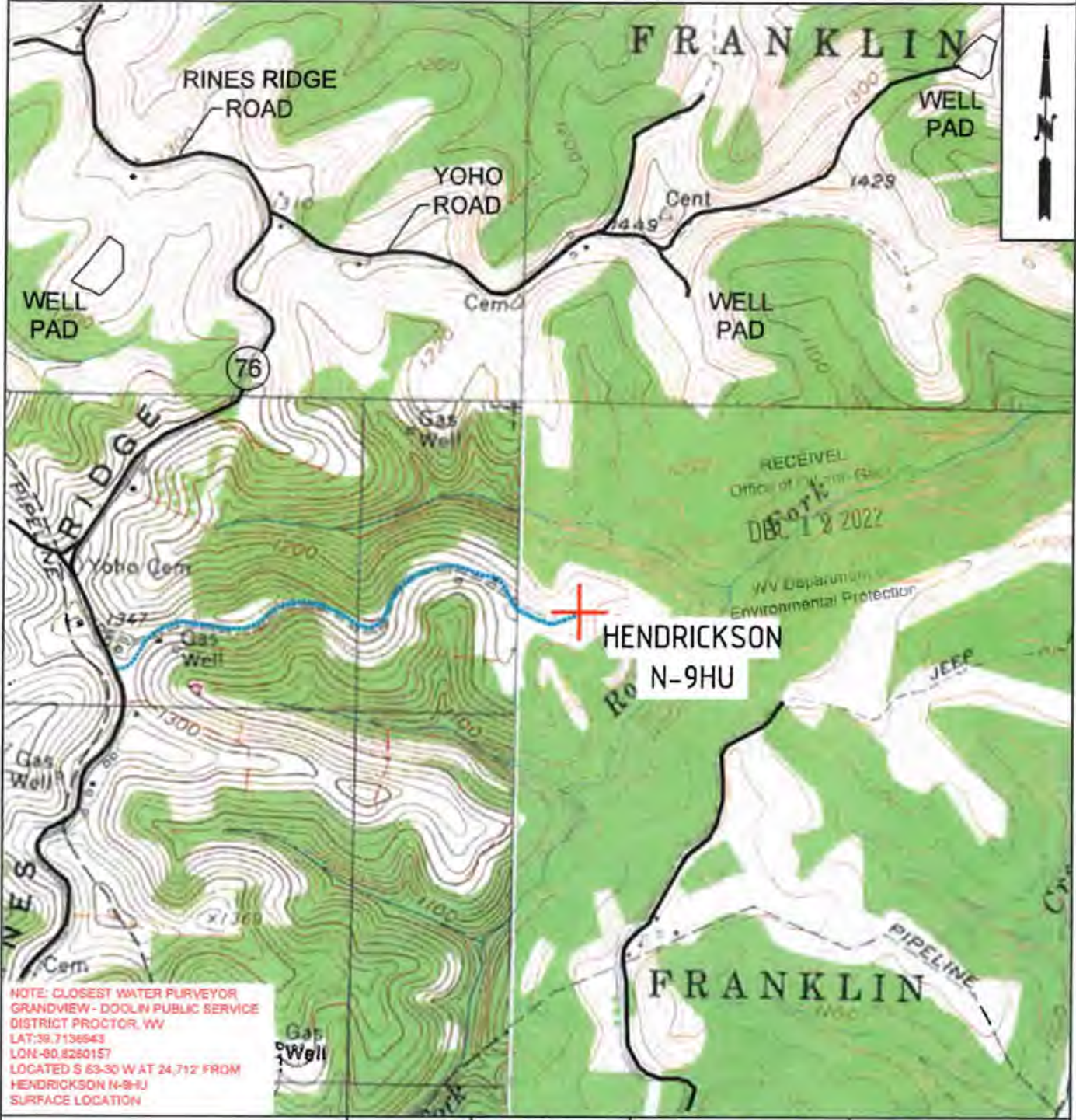



WW-9

# PROPOSED HENDRICKSON N-9HU

SUPPLEMENT PG 2



NOTE: CLOSEST WATER PURVEYOR  
GRANDVIEW - DOOLIN PUBLIC SERVICE  
DISTRICT PROCTOR, WV  
LAT: 39.7136943  
LON: -80.8260157  
LOCATED S 63-30 W AT 24.712' FROM  
HENDRICKSON N-9HU  
SURFACE LOCATION

 <b>TUG HILL OPERATING</b>	<b>OPERATOR</b> 494510851	<b>TOPO SECTION</b>	<b>LEASE NAME</b>
	TUG HILL OPERATING, LLC 380 SOUTHPONTE BLVD SUITE 200 CANONSBURG, PA 15317	WILEYVILLE 7.5'	HENDRICKSON
	<b>SCALE:</b>	<b>DATE:</b>	DATE: 11-03-2022
	1" = 2000'		

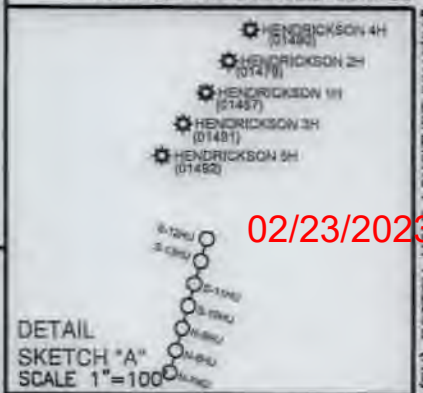
**HENDRICKSON LEASE  
WELL N-9HU  
370.6670± ACRES**



REFERENCES  
SCALE 1"=200'

(+) DENOTES LOCATION  
ON UNITED STATES  
TOPOGRAPHIC MAPS

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



02/23/2023

DETAIL "A"



DETAIL "B"



**SURFACE HOLE**  
UTM, NAD83, ZONE 17  
IN METERS  
N) 4,399,468.08  
E) 521,594.33

**LANDING POINT 1**  
UTM, NAD83, ZONE 17  
IN METERS  
N) 4,399,914.05  
E) 522,135.41

**BOTTOM HOLE**  
UTM, NAD83, ZONE 17  
IN METERS  
N) 4,403,091.05  
E) 520,314.35

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 SEPTEMBER, 2022. COORDINATES AND WELL TIES BASED UPON DIFFERENTIAL GPS MEASUREMENTS.
- WELL LOCATION REFERENCES ARE BASED UPON THE MAGNETIC MERIDIAN.
- BOUNDARIES ALONG ROADWAYS ARE BASED UPON MEMORANDUM BY DICKIE, MCCAMEY & CHLOOTE, P.C. FILE 0058004-0401147.
- ALL DEEP WELLS ARE SHOWN ON THIS PLAT. THERE ARE NO PERMITTED DEEP WELLS WITHIN 8400' OF PROPOSED WELL'S SURFACE LOCATION AND/OR 500' OF THE WELL LATERAL.

NOTE: L.P.1 and LTP are same point.

**LEGEND**

- LEASE TRACTS
- SURFACE TRACTS
- WELL LATERAL
- POINT PLEASANT LEGS
- UNIT BOUNDARY
- LEASE # (SEE SA1 FORM)
- 400' BORE PATH OFFSET
- 500' WELL BORE OFFSET
- (FTP) PROPOSED FIRST TAKE POINT
- (LTP) PROPOSED LAST TAKE POINT
- FORCED POOL TRACT

LINE	BEARING	DISTANCE
L1	N 86°18' W	2,296.47'
L2	N 51°17' E	1,912.37'
L3	N 72°58' E	2,042.58'

CURVE	CHORD BEARING	CHORD LENGTH	RADIUS	ARC LENGTH
C1	N 54°19' E	49.43'	77.76'	50.30'
C2	N 21°17' E	71.12'	154.78'	71.77'
C3	N 01°05' W	159.56'	513.73'	160.20'
C4	N 16°25' W	359.84'	1460.66'	380.75'
C5	N 25°51' W	291.85'	2451.13'	261.95'

FILE NUMBER \_\_\_\_\_

DRAWING NUMBER HENDRICKSON N-9HU REV0

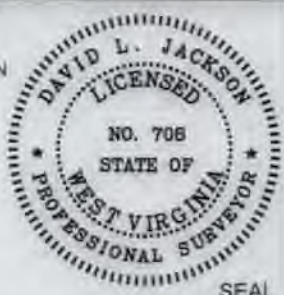
SCALE 1" = 2000'

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.  
2413 East Pike St # 112  
Clarksburg, WV 26302  
304-823-5851

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

DATE: DECEMBER 07, 2022

OPERATORS WELL NO. HENDRICKSON N-9HU

API WELL NO. 47-051-02481 Deep

STATE COUNTY PERMIT

LOCATION ELEVATION 1220.33' WATERSHED (HUC 10) Rocky Fork of Fish Creek (HUC-10)

DISTRICT Franklin COUNTY Marshall

QUADRANGLE Wileyville 7.5' LEASE NUMBER \_\_\_\_\_ SEE WW-6A1 Form

SURFACE OWNER LINDA L. PICKERING HENDRICKSON ACREAGE 175.0

OIL & GAS ROYALTY OWNER LINDA L. PICKERING HENDRICKSON LEASE ACREAGE 175.0

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 PLUG & ABANDON \_\_\_\_\_ CLEAN OUT & REPLUG \_\_\_\_\_

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

02/03/2023

COUNTY NAME PERMIT

form: wvc

# HENDRICKSON LEASE WELL N-9HU 370.6670± 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
- (O) (FTP) PROPOSED FIRST TAKE POINT
- (O) (LTP) PROPOSED LAST TAKE POINT
- ▨ FORCED POOL TRACT


NOTE: L.P.1 and LTP are same point.

02/23/2023



P.S. 708 *David L Jackson*

02/03/2023

	<b>TUG HILL</b> <b>OPERATING</b>	WELL #: <u>Hendrickson N-9HU</u> DISTRICT: <u>Franklin</u> COUNTY: <u>Marshall</u> STATE: <u>WV</u> API #: <u>47-051-</u>	<b>WELL PLAT</b> PAGE 2 OF 4 DATE: <u>12/07/2022</u>
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**HENDRICKSON LEASE  
WELL N-9HU  
370.6670± ACRES**

Parcels Within Unit Boundary				
Tag	Number	Tax Map - Parcel	Surface Owner	Acres
A	S1	05-24-1	LINDA L PICKERING HENDRICKSON	175
B	S2	05-17-8	ROGER H HALL JR	257.50
C	S74	05-24-2	ROY FRIEND YOHO	316.80
D	S73	05-17-6	ALPINE FARM, LLC	249.07
E	S72	05-17-7	ALPINE FARM, LLC	10.8
F	S71	05-17-4	ALPINE FARM, LLC	212
G	S5	05-17-2	HOMER COLBY & BELLE YOHO	104.08
H	S56	05-17-3	SOUTHERN COUNTRY FARMS, INC	190.132
I	S69	05-17-3.1	WILBUR L RIDDLE, ET UX	10.148
J	S68	05-17-1.6	LOLA M SLAUGHTER	6.347
K	S67	05-17-1.5	DONNIE R & LOLA M SLAUGHTER	5.607
L	S65	05-17-1.2	DONNIE R & LOLA M SLAUGHTER	5.073
M	S52	05-17-15	GLEN A GUNTO	10.220
N	S53	05-16-15.1	GLEN A GUNTO	10.170
O	S54	05-17-16	GLEN A GUNTO	9.702
P	S10	05-16-13	SOUTHERN COUNTRY FARMS, INC	11.054
Q	S109	05-18-13.9	ROY & RENEE BUTLER (LIFE)	9.603
R	S26	05-16-21	JAMES M RUCKMAN, ET UX	60.75
S	S105	05-16-19	BETHANY REDO & ROBERT RAHM	129.16
T	S47	05-16-25	JOHN SWIERKOS	79.04
U	S46	05-16-6	JOHN SWIERKOS	134.05
V	S45	05-16-4	JOHN SWIERKOS	0.96
W	S44	05-16-5	JOHN SWIERKOS	52.07
X	S39	05-16-3	BETHA L KLUG	71

Adjoining Parcels Ownership Table				
Number	Tax Map - Parcel	Surface Owner	Acres	
S40	05-16-3.2	JIMMY SR & SHELLY OSTRANDER (LIFE)	1.435	
S41	05-10-15	TERRY A & JODI L HARDING	120.805	
S42	05-10-15.1	DONALD T MILLER	2.99	02/23/2023
S43	05-10-14	JOHN SWIERKOS	100	
S48	05-16-23.3	GREG & CHRISTINA RIDDLE	1	
S49	05-16-24	ALAN M BEYSER, ET UX	1.726	
S50	05-16-23.2	ALAN M BEYSER, ET UX	1.083	
S51	05-18-15.2	BRANDON A RICKMAN	4.171	
S55	05-16-16	SOUTHERN COUNTRY FARMS, INC	9.75	
S57	05-18-60	MICHAEL & WHITNEY NEFF	6.297	
S58	05-18-13.12	CHARLES S NICE	5.969	
S59	05-17-1	SOUTHERN COUNTRY FARMS, INC	5.030	
S60	05-17-1.7	ROY & RENEE BUTLER	5.22	
S61	05-17-13	ROY & RENEE BUTLER	5.439	
S62	05-17-14	SOUTHERN COUNTRY FARMS, INC	7.314	
S63	05-17-1.4	DONNIE R & LOLA M SLAUGHTER	8.844	
S64	05-17-1.1	DONNIE R & LOLA M SLAUGHTER	8.076	
S66	05-17-1.3	JODY & MICHELLE ANDERSON	5	
S70	05-18-36	RUTH MULLIGAN, EST	2.003	
S75	05-24-3.2	TH EXPLORATION II, LLC	49	
S76	05-24-4	TERRY E SIMMS, ET UX	84.05	
S77	05-25-21	TERRY E SIMMS, ET UX	7	
S78	05-24-5	ROBERT C FRANCIS, ET UX (LIFE)	145.78	
S79	05-23-7	TERRY E SIMMS, ET UX	123.097	
S80	05-17-11.1	RANDY W FRANCIS, ET UX	67	
S81	05-17-11	KENNETH N CORLEY, ET UX	120	
S82	05-17-9.3	JAMES A CORLEY, ET UX	12.478	
S83	05-17-9.2	JERI J WHITE	7.136	
S84	05-17-9.1	JERI J WHITE	1	
S85	05-17-10	JAMES A CORLEY, ET UX	92.61	
S86	05-17-10.4	DEXTON MCKINNEY	2.01	
S87	05-18-19	ROGER D WHITE, JR	10	
S88	05-18-42	ROGER HOWARD HALL, JR	2.383	
S89	05-18-48	MARVIN DEAN ROBERTS ET UX (LAND CONTRACT- BRAD & BRIDGET WILLIAMS)	2.920	
S90	05-18-13.7	VICTOR W JR & JESSICA L WOODS	5.255	
S91	05-18-18	DARLENE T GODDALL	3	
S92	05-18-57	MARVIN D ROBERTS	2.228	
S93	05-18-61	ROGER D WHITE	2.884	
S94	05-18-52	ROGER HALL	2.536	
S95	05-18-25	FREDERICK L & DEBBIE L SIZEMORE	2.521	
S96	05-18-40	CORY A HOLT	2.237	
S97	05-18-14	MICHAEL FINCHAM & KEZIA WINTERS	6.386	
S98	05-18-37	BROOK SCHWING & BRADY DISHMAN	2.064	
S99	05-18-45	MICHAEL S FINCHAM & KEZIA M WINTERS	2.07	
S100	05-18-50	STEVEN G BERISFORD	2.170	
S101	05-18-11.3	EDWARD BURGE JR. & JULIE BURGE	3	
S102	05-15-10	MARK STANLEY RUCKMAN	153.75	
S103	05-16-22.1	HEATHER A BURGY	1.465	
S104	05-15-9	CNX LAND RESOURCES, INC	81.98	
S106	5-16-17	RICHARD D & JULIA M REPASKY, & BRIAN L TESLOVICH & CARA C DAVIS	55.34	
S107	5-16-18	JOHN SWIERKOS	10	
S108	05-18-13.4	RENEE D STREIGHT BUTLER (LIFE)	9.938	
S110	5-24-5.2	JAMES D WATKINS, ET UX	3.151	
S111	05-24-5.1	JAMES D WATKINS, ET UX	4.60	
S112	05-23-7.1	RANDY W & JESSICA L FRANCIS	0.549	
S113	05-23-7.2	FORELLA LOU WEIGAND	6.35	
S114	05-17-10.1	JAMES A & JILL C CORLEY	4.51	
S115	05-18-51	ROGER HALL	2.505	
S116	05-18-43	ROY E & RENEE BUTLER	2.532	
S117	05-18-44	RENEE STREIGHT BUTLER	2.133	
S118	05-18-41	CORY A HOLT	2.308	
S119	05-18-46	DALE W & PATRICIA GARDNER HRS	2.080	
S120	05-18-47	RYAN L & MICHELLE A AUTHEMENT	2.010	
S121	05-18-13.5	WESLEY BRYAN	1.023	

Adjoining Parcels Ownership Table				
Tag	Number	Tax Map - Parcel	Surface Owner	Acres
	S3	05-17-9.4	VICKI L BOWEN HRS.	60.3
	S4	05-17-9	LLOYD RICHARD OLIVER, ET UX	61.6
	S6	05-17-10.2	GARY L YOHO	2.6
	S7	05-17-10.3	JAMES A & JILL C CORLEY	37.39
	S8	05-18-35	MARY ANDERSON	2.635
	S9	05-18-58	KEVIN W ROBERTS	2.435
	S11	05-18-49	TANNER M BUTLER	2.023
	S12	05-18-53.1	MICHAEL & WHITNEY NEFF	6.283
	S13	05-18-53	MICHAEL & WHITNEY NEFF	2.0
	S14	05-18-13.11	LINDA L MOORE	3.156
	S15	05-18-26	LINDA L MOORE	2.624
	S16	05-18-27	LINDA L MOORE	2.447
	S17	05-18-27.2	LINDA L MOORE	3.009
	S18	05-18-27.1	MICHAEL D MOORE	2.003
	S19	05-18-39	MICHAEL D MOORE	2.001
	S20	05-18-38	MICHAEL D MOORE	2.231
	S21	05-18-13.2	STEVEN G BERISFORD	6.023
	S22	05-18-28.1	GARY LITTON	5.696
	S23	05-18-28	CHAD ELMER HARRISON, CRYSTAL GALE HARRISON, & GARY LEE LITTON	6.36
	S24	05-18-55	WILLIAM E O'HARA	3.202
	S25	05-18-56	WILLIAM E O'HARA	3.965
	S27	05-18-22	JAMES M RUCKMAN, ET UX	54.605
	S28	05-16-23	THE MARSHALL COUNTY COAL RESOURCES	45.048
	S29	05-16-23.5	THE MARSHALL COUNTY COAL RESOURCES	15.09
	S30	05-16-23.4	MICHAEL R & BRENDA K BRYAN	3
	S31	05-16-23.1	RAY E MINOR, ET UX	2
	S32	05-15-8	XCL MIDSTREAM OPERATING, LLC	77.11
	S33	05-15-7	XCL MIDSTREAM OPERATING, LLC	4.5
	S34	05-16-1	FREDONIA CHRISTIAN CHURCH	0.50
	S35	05-16-2	FREDONIA CHRISTIAN CHURCH CEMETERY	0.19
	S36	05-16-3.1	DENNIS JACKSON, ET UX	0.27



P.S.  
708

*David L Jackson*

02/03/2023



**TUG HILL  
OPERATING**

OPERATOR'S  
WELL #: Hendrickson N-9HU  
DISTRICT: Franklin  
COUNTY: Marshall  
STATE: WV  
API #: 47-051-

WELL PLAT  
PAGE 3 OF 4  
DATE: 12/07/2022

**HENDRICKSON LEASE  
WELL N-9HU  
370.6670± ACRES**

02/23/2023

Lease ID	TMP	Tag	Grantor, Lessor, Etc.	Deed Book/Page	
10*14138	5-24-1	A	LINDA AND DONALD HENDRICKSON	666	528
10*14460	5-17-8	B	GERTRUD GODDARD, H G WELLS AIF, ET AL	735	515
10*14024	5-24-2	C	ROY FRIEND YOHO AND DARLENE J YOHO, ET AL	665	508
10*14114	5-17-6	D	ELI & FANNIE MAE WENGERD	671	323
10*14125	5-17-7	E	SHIBEN ESTATES INC ATTN J MARLIN WITT	695	460
10*14125	5-17-4	F	SHIBEN ESTATES INC ATTN J MARLIN WITT	695	460
10*14425	5-17-2	G	SHARON E POTTS, ET AL	731	143
10*14099	5-17-3	H	SOUTHERN COUNTRY FARMS INC	666	489
10*14099	5-17-3.1	I	SOUTHERN COUNTRY FARMS INC	666	489
10*14099	5-17-1.6	J	SOUTHERN COUNTRY FARMS INC	666	489
10*14099	5-17-1.5	K	SOUTHERN COUNTRY FARMS INC	666	489
10*17643	5-17-1.2	L	DONALD R SLAUGHTER AND LOLA SLAUGHTER	940	445
10*14099	5-17-15	M	SOUTHERN COUNTRY FARMS INC, ET AL	666	489
10*14099	5-16-15.1	N	SOUTHERN COUNTRY FARMS INC, ET AL	666	489
10*14099	5-17-16	O	SOUTHERN COUNTRY FARMS INC	666	489
10*14914	5-18-13	P	CHESTNUT HOLDINGS INC, ET AL	827	548
10*14914	5-18-13.9	Q	CHESTNUT HOLDINGS INC, ET AL	827	548
10*19338	5-16-21	R	JAMES M. RUCKMAN KIMBERLY L. RUCKMAN	741	72
10*18280	5-16-19	S	DEBRA L RICHEY AND JAMES F RICHEY SR, ET AL	929	108
10*21468	5-16-25	T	JOHN A SWIERKOS ZACHARY SWIERKOS POA	953	317
10*21468	5-16-6	U	JOHN A SWIERKOS ZACHARY SWIERKOS POA	953	317
10*21468	5-16-4	V	JOHN A SWIERKOS ZACHARY SWIERKOS POA	953	317
10*14919	5-16-5	W	CHESTNUT HOLDINGS INC	836	117
10*19340	5-16-3	X	DONNA V YOHO	665	407



P.S.  
708

*David L Jackson*

02/03/2023



**TUG HILL  
OPERATING**

OPERATOR'S  
WELL #: Hendrickson N-9HU  
DISTRICT: Franklin  
COUNTY: Marshall  
STATE: WV  
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WELL PLAT  
PAGE 4 OF 4  
DATE: 12/07/2022