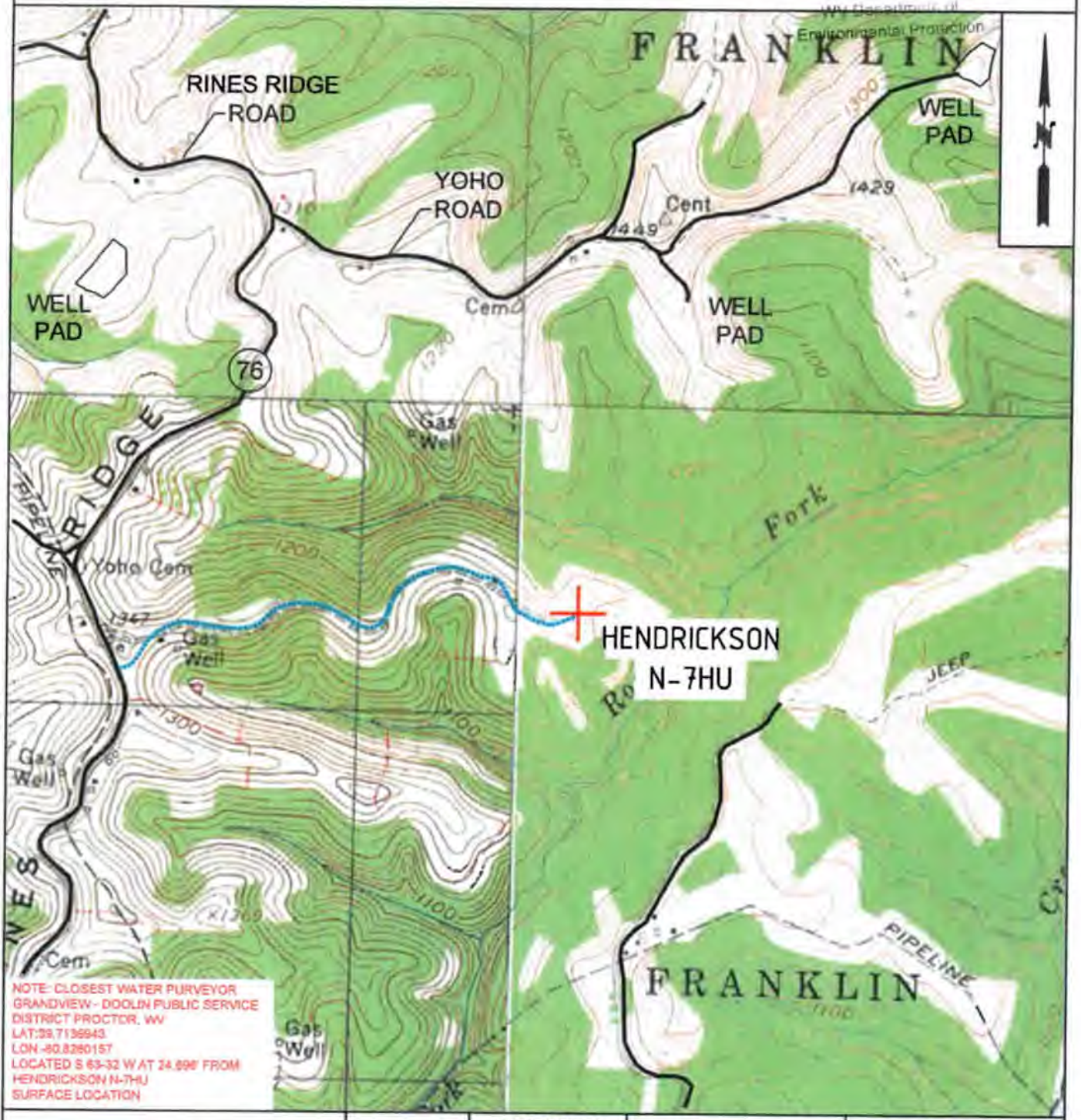


WW-9

PROPOSED HENDRICKSON N-7HU

Office of Oil and Gas
SUPPLEMENT PG 2

DEC 12 2022



NOTE: CLOSEST WATER PURVEYOR
GRANDVIEW - DOOLIN PUBLIC SERVICE
DISTRICT PROCTOR, WV
LAT: 39 7136643
LON: -80.8260157
LOCATED S 63-32 W AT 24.896' FROM
HENDRICKSON N-7HU
SURFACE LOCATION



TUG HILL
OPERATING

OPERATOR 494510851
TUG HILL OPERATING, LLC
380 SOUTHPONTE BLVD
SUITE 200
CANONSBURG, PA 15317

TOPO SECTION
WILEYVILLE 7.5'
SCALE:
1" = 2000'

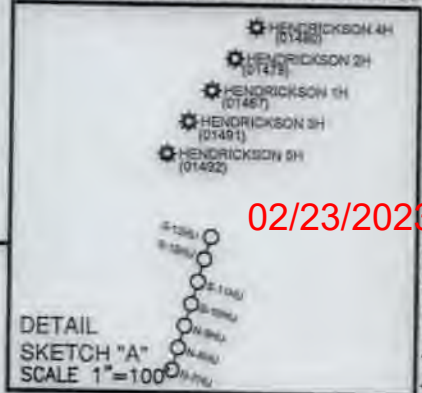
LEASE NAME
HENDRICKSON
DATE:
DATE: 11-03-2022

HENDRICKSON LEASE WELL N-7HU 355.2672± ACRES



REFERENCES
SCALE 1"=200'
(+) DENOTES LOCATION
ON UNITED STATES
TOPOGRAPHIC MAPS

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



DETAIL
SKETCH "A"
SCALE 1"=100'

02/23/2023

GRID NORTH

SURFACE HOLE UTM. NAD83, ZONE 17 IN METERS N) 4,399,461.01 E) 521,592.47
LANDING POINT 1 UTM. NAD83, ZONE 17 IN METERS N) 4,399,533.05 E) 521,475.49
BOTTOM HOLE UTM. NAD83, ZONE 17 IN METERS N) 4,402,800.14 E) 519,604.48



NOTES

1. BORE PATH BASED ON GRID NORTH.
2. NO WATER WELLS WITHIN 250' OF WELL WERE FOUND, NO DWELLINGS WITHIN 525' OF PAD CENTER WERE FOUND.
3. OWNERSHIP TAKEN FROM PUBLIC RECORDS OF MARSHALL COUNTY, WV IN SEPTEMBER, 2022. COORDINATES AND WELL TIES BASED UPON DIFFERENTIAL GPS MEASUREMENTS.
4. WELL LOCATION REFERENCES ARE BASED UPON THE MAGNETIC MERIDIAN.
5. BOUNDARIES ALONG ROADWAYS ARE BASED UPON MEMORANDUM BY DICKIE, MCCAMBY & CHILCOTE, P.C. FILE 0088304.0401147
6. ALL DEEP WELLS ARE SHOWN ON THIS PLAT. THERE ARE NO PERMITTED DEEP WELLS WITHIN 2400' OF PROPOSED WELL'S SURFACE LOCATION AND/OR 500' OF THE WELL LATERAL.

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

LEGEND

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

CURVE	CHORD BEARING	CHORD LENGTH	RADIUS	ARC LENGTH
C1	S 10°02' W	15.10'	18.05'	15.58'
C2	N 79°19' W	8.23'	8.58'	8.58'
C3	N 47°49' W	28.85'	117.70'	28.96'
C4	N 38°18' W	72.55'	708.89'	72.58'
C5	N 33°08' W	290.97'	3621.52'	291.05'
C6	N 30°00' W	419.75'	9553.65'	419.78'

LINE	BEARING	DISTANCE
L1	N 85°42' W	2,291.61'
L2	S 51°42' W	1,892.90'
L3	S 08°48' E	432.38'

FILE NUMBER _____

DRAWING NUMBER HENDRICKSON_N-7HU_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

P.S. 708

JACKSON SURVEYING INC.
2413 East Pike St # 112
Clarksburg, WV 26302
304-623-5851



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



DATE: DECEMBER 05, 2022

OPERATORS WELL NO. HENDRICKSON N-7HU

API WELL NO. 47-051-02479 Deep
STATE COUNTY PERMIT

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

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 X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION ___
PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE (SPECIFY) _____

TARGET FORMATION POINT PLEASANT ESTIMATED DEPTH TVD: 11,677' TMD: 24,299'

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 wwd

HENDRICKSON LEASE WELL N-7HU 355.2672± ACRES

LEGEND

- LEASED TRACTS
- SURFACE TRACTS
- WELL LATERAL
- POINT PLEASANT LEGS
- UNIT BOUNDARY
- Ⓜ LEASE # (SEE SA1 FORM)
- 400' MORE PATH OFFSET
- 500' WELL BORE OFFSET
- (JTF) PROPOSED FIRST TAKE POINT
- (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



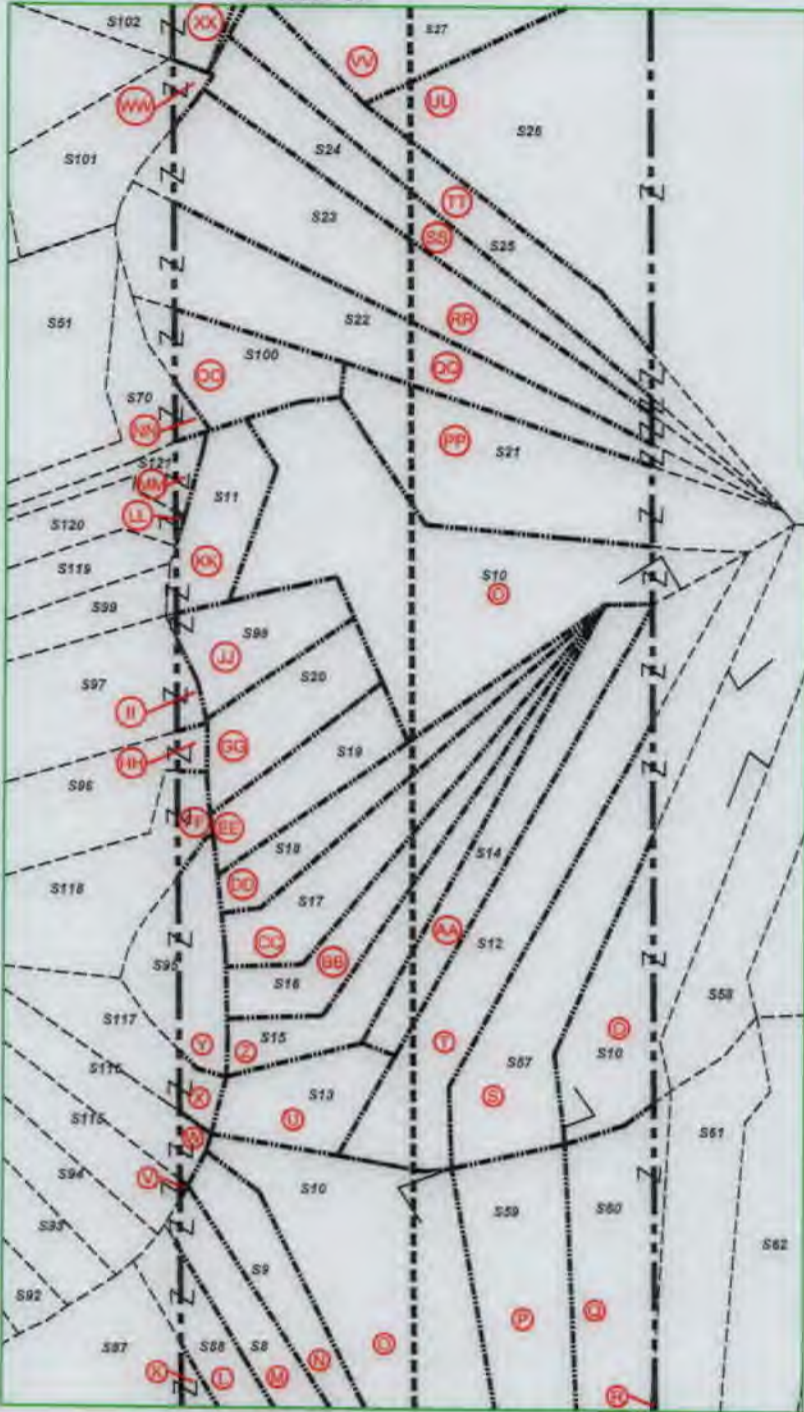
TUG HILL
OPERATING

WELL #: Hendrickson N-7HU
 DISTRICT: Franklin
 COUNTY: Marshall
 STATE: WV
 API #: 47-051-02479

WELL PLAT
 PAGE 2 OF 5
 DATE: 12/05/2022

HENDRICKSON LEASE
WELL N-7HU
355.2672± ACRES

DETAIL "A"



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

LEGEND	
	LEASE TRACTS
	SURFACE TRACTS
	WELL LATERAL
	POINT PLEASANT-1055
	UNIT BOUNDARY
	LEASE # (SEE BAS FORM)
	400' BORE PATH OFFSET
	500' WELL BORE OFFSET
	PROPOSED FIRST TAKE POINT
	PROPOSED LAST TAKE POINT
	FORCED POOL TRACT

02/23/2023

DETAIL "B"



DETAIL "C"



P.S. 708 *David L Jackson*

02/03/2023



OPERATOR'S
 WELL #: Hendrickson N-7HU
 DISTRICT: Franklin
 COUNTY: Marshall
 STATE: WV
 API #: 47-051- 02477

WELL PLAT
 PAGE 3 OF 5
 DATE: 12/05/2022

FORM WWS

**HENDRICKSON LEASE
WELL N-7HU
355.2672± ACRES**

Parcels within Unit Boundary				
Tags	Number	Tax Map -Parcel	Surface Owner	Acres
A	S1	05-24-1	LINDA L PICKERING HENDRICKSON	1.75
B	S2	05-17-8	ROGER H HALL JR	257.50
C	S3	05-17-9.4	WICKI L BOWEN HRS.	60.3
D	S4	05-17-9	LLOYD RICHARD OLIVER, ET UX	61.6
E	S83	05-17-9.2	JERI J WHITE	7.136
F	S84	05-17-9.1	JERI J WHITE	1
G	S5	05-17-2	HOMER COLBY & BELLE YOHO	104.08
H	S7	05-17-10.3	JAMES A & JILL C CORLEY	37.39
I	S6	05-17-10.2	GARY LYCHO	2.6
J	S85	05-17-10	JAMES A CORLEY, ET IX	92.61
K	S87	05-18-19	ROGER D WHITE, JR.	10
L	S88	05-18-42	ROGER HOWARD HALL, JR	2.383
M	S8	05-18-35	MARY ANDERSON	2.635
N	S9	05-18-58	KEVIN W ROBERTS	2.435
O	S10	05-18-13	SOUTHERN COUNTRY FARMS, INC	11.054
P	S59	05-17-1	SOUTHERN COUNTRY FARMS, INC	5.030
Q	S60	05-17-1.7	ROY & RENEE BUTLER	5.22
R	S61	05-17-13	ROY & RENEE BUTLER	5.433
S	S57	05-18-60	MICHAEL & WHITNEY NEFF	6.297
T	S12	05-18-53.1	MICHAEL & WHITNEY NEFF	6.283
U	S13	05-18-53	MICHAEL & WHITNEY NEFF	2.0
V	S115	05-18-51	ROGER HALL	2.505
W	S116	05-18-43	ROY E & RENEE BUTLER	2.532
X	S117	05-18-44	RENEE STREIGHT BUTLER	2.133
Y	S95	05-18-25	FREDERICK L & DEBBIE L SIZEMORE	2.521
Z	S15	05-18-26	LINDA L MOORE	2.624
AA	S14	05-18-13.11	LINDA L MOORE	3.156
BB	S16	05-18-27	LINDA L MOORE	2.447
CC	S17	05-18-27.2	LINDA L MOORE	3.009
DD	S18	05-18-27.1	MICHAEL D MOORE	2.003
EE	S19	05-18-39	MICHAEL D MOORE	2.001
FF	S118	05-18-41	CORY A HOLT	2.308
GG	S20	05-18-38	MICHAEL D MOORE	2.231
HH	S96	05-18-40	CORY A HOLT	2.237
II	S97	05-18-14	MICHAEL FINCHAM & KEZIA WINTERS	6.386
JJ	S98	05-18-37	BROOK SCHWING & BRADY DISHMAN	2.064
KK	S11	05-18-49	TANNER M BUTLER	2.023
LL	S120	05-18-47	RYAN L & MICHELLE A AUTHEMENT	2.010
MM	S121	05-18-13.5	WESLEY BRYAN	1.023
NN	S70	05-18-36	RUTH MULLIGAN, EST	2.003
OO	S100	05-18-50	STEVEN G BERISFORD	2.170
PP	S21	05-18-13.2	STEVEN G BERISFORD	6.023
QQ	S22	05-18-28.1	GARY UTTON	5.696
RR	S23	05-18-28	CHAD ELMER HARRISON, CRYSTAL GALE HARRISON, & GARY LEE UTTON	6.36
SS	S24	05-18-55	WILLIAM E O'HARA	3.202
TT	S25	05-18-56	WILLIAM E O'HARA	3.965
UU	S26	05-16-21	JAMES M RUCKMAN, ET UX	60.75
VV	S27	05-16-22	JAMES M RUCKMAN, ET UX	54.605
WW	S101	05-18-11.3	EDWARD BURGE JR. & JULIE BURGE	3
XX	S102	05-15-10	MARK STANLEY RUCKMAN	153.75
YY	S103	05-16-22.1	HEATHER A BURGY	1.465
ZZ	S47	05-16-25	JOHN SWIERKOS	79.04
AAA	S28	05-16-23	THE MARSHALL COUNTY COAL RESOURCES	45.048
BBB	S104	05-15-9	CNX LAND RESOURCES, INC	81.98
CCC	S29	05-16-23.5	THE MARSHALL COUNTY COAL RESOURCES	15.09
DDD	S30	05-16-23.4	MICHAEL R & BRENDA K BRYAN	3

Adjoining Parcels Ownership Table					
		Tax Map -Parcel	Surface Owner	Acres	
		S31	05-16-23.1	RAY L 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	0.23/2023
		S35	05-16-2	FREDONIA CHRISTIAN CHURCH CEMETERY	0.19
		S36	05-16-3.1	DENNIS JACKSON, ET UX	0.27
		S39	05-16-3	BETHA L KILG	71
		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	2.095
		S43	05-10-14	JOHN SWIERKOS	100
		S44	05-16-5	JOHN SWIERKOS	52.07
		S45	05-16-4	JOHN SWIERKOS	0.96
		S46	05-16-6	JOHN SWIERKOS	134.05
		S48	05-16-23.3	GREG & CHRISTINA RIDDLE	1
		S49	05-16-24	ALAN M BEYSER, ET UX	1.083
		S50	05-16-23.2	ALAN M BEYSER, ET UX	1.726
		S51	05-18-15.2	BRANDON A RICKMAN	4.171
		S52	05-17-15	GLEN A GUNTO	10.220
		S53	05-16-15.1	GLEN A GUNTO	10.170
		S54	05-17-16	GLEN A GUNTO	9.702
		S55	05-16-16	SOUTHERN COUNTRY FARMS, INC	9.75
		S56	05-17-3	SOUTHERN COUNTRY FARMS, INC	190.132
		S58	05-18-13.12	CHARLES S NICE	5.969
		S62	05-17-14	SOUTHERN COUNTRY FARMS, INC	7.314
		S63	05-17-1.4	DONNIE R & LDLA M SLAUGHTER	8.844
		S64	05-17-1.1	DONNIE R & LDLA M SLAUGHTER	8.076
		S65	05-17-1.2	DONNIE R & LDLA M SLAUGHTER	5.073
		S66	05-17-1.3	JODY & MICHELLE ANDERSON	5
		S67	05-17-1.5	DONNIE R & LDLA M SLAUGHTER	5.607
		S68	05-17-1.6	LDLA M SLAUGHTER	6.347
		S69	05-17-3.1	WILBUR L RIDDLE, ET UX	10.148
		S71	05-17-4	ALPINE FARM, LLC	212
		S72	05-17-7	ALPINE FARM, LLC	10.8
		S73	05-17-6	ALPINE FARM, LLC	249.07
		S74	05-24-2	ROY FRIEND YOHO	316.80
		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
		S86	05-17-10.4	DEXTON MCKINNEY	2.01
		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 GOODALL	3
		S92	05-18-57	MARVIN D ROBERTS	2.228
		S93	05-18-61	ROGER D WHITE	2.984
		S94	05-18-52	ROGER HALL	2.536
		S99	05-18-45	MICHAEL S FINCHAM & KEZIA M WINTERS	2.07
		S105	05-16-19	BETHANY REDO & ROBERT SAHM	129.16
		S106	05-16-17	RICHARD D & JULIA M REPASKY, & BRIAN L TESLOVICH & CARA C DAVIS	55.34
		S107	05-16-18	JOHN SWIERKOS	10
		S108	05-18-13.4	RENEE D STREIGHT BUTLER (LIFE)	9.938
		S109	05-18-13.9	ROY & RENEE BUTLER (LIFE)	9.603
		S110	05-24-5.2	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	RANDY W & JESSICA FRANCIS	6.354
		S114	05-17-10.1	JAMES A & JILL C CORLEY	4.51
		S119	05-18-46	DALE W & PATRICIA GARDNER HRS	2.030



P.S. 708 *David L Jackson*

02/03/2023



**TUG HILL
OPERATING**

OPERATOR'S
WELL #: Hendrickson N-7HU
DISTRICT: Franklin
COUNTY: Marshall
STATE: WV
API #: 47-051-02479

WELL PLAT
PAGE 4 OF 5
DATE: 12/05/2022

form ww6

**HENDRICKSON LEASE
WELL N-7HU
355.2672± 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*14066	5-17-9.4	C	VICKI L BOWEN POA KELLY QUIGLEY	665 375
10*14139	5-17-9	D	LLOYD RICHARD OLIVER & DEANNA OLIVER	666 49
10*14135	5-17-9.2	E	JERI WHITE	706 132
10*14135	5-17-9.1	F	JERI WHITE	706 132
10*14426	5-17-2	G	LOIS BURNS, ET AL	731 172
10*14095	5-17-10.3	H	JAMES A AND JILL C CORLEY, ET AL	666 545
10*14137	5-17-10.2	I	SIDNEY POZELL KRISTEN R STONEKING AIF	706 128
10*14095	5-17-10	J	JAMES A AND JILL C CORLEY, ET AL	666 545
10*14298	5-18-19	K	MICHAEL WEST, ET AL	702 115
10*14914	5-18-42	L	CHESTNUT HOLDINGS INC, ET AL	827 548
10*14099	5-18-35	M	SOUTHERN COUNTRY FARMS INC, ET AL	666 489
10*14099	5-18-58	N	SOUTHERN COUNTRY FARMS INC, ET AL	666 489
10*14099	5-18-13	O	SOUTHERN COUNTRY FARMS INC, ET AL	666 489
10*14914	5-17-1	P	CHESTNUT HOLDINGS INC, ET AL	827 548
10*14914	5-17-1.7	Q	CHESTNUT HOLDINGS INC, ET AL	827 548
10*14914	5-17-13	R	CHESTNUT HOLDINGS INC, ET AL	827 548
10*14099	5-18-60	S	SOUTHERN COUNTRY FARMS INC, ET AL	666 489
10*14099	5-18-53.1	T	SOUTHERN COUNTRY FARMS INC, ET AL	666 489
10*14099	5-18-53	U	SOUTHERN COUNTRY FARMS INC, ET AL	666 489
10*17644	5-18-51	V	ROGER HALL	942 404
10*14099	5-18-43	W	SOUTHERN COUNTRY FARMS INC	666 489
10*14099	5-18-44	X	SOUTHERN COUNTRY FARMS INC	666 489
10*17618	5-18-25	Y	CHARLES H RAYL AND MARIA A RAYL	942 329
10*17639	5-18-26	Z	LUNDA L MOORE	940 443
10*17639	5-18-13.11	AA	LUNDA L MOORE	940 443
10*17639	5-18-27	BB	LUNDA L MOORE	940 443
10*17639	5-18-27.2	CC	LUNDA L MOORE	940 443
10*17643	5-18-27.1	DD	DONALD R SLAUGHTER AND LOLA SLAUGHTER	940 445
10*14099	5-18-39	EE	SOUTHERN COUNTRY FARMS INC	666 489
10*14099	5-18-41	FF	SOUTHERN COUNTRY FARMS INC	666 489
10*14099	5-18-38	GG	SOUTHERN COUNTRY FARMS INC	666 489
10*14099	5-18-40	HH	SOUTHERN COUNTRY FARMS INC	666 489
10*19222	5-18-14	II	CHARLES E GALLOWAY SR LINDA S GALLOWAY	737 437
10*14099	5-18-37	JJ	SOUTHERN COUNTRY FARMS INC	666 489
10*14099	5-18-49	KK	SOUTHERN COUNTRY FARMS INC	666 489
10*14099	5-18-47	LL	SOUTHERN COUNTRY FARMS INC	666 489
10*14099	5-18-13.5	MM	SOUTHERN COUNTRY FARMS INC	666 489
10*14099	5-18-36	NN	SOUTHERN COUNTRY FARMS INC	666 489
10*14099	5-18-50	OO	SOUTHERN COUNTRY FARMS INC	666 489
10*14099	5-18-13.2	PP	SOUTHERN COUNTRY FARMS INC	666 489
10*14099	5-18-28.1	QQ	SOUTHERN COUNTRY FARMS INC	666 489
10*17431	5-18-28.1	QQ	SOUTHERN COUNTRY FARMS INC	938 448
10*47051.104.0	5-18-28	RR	DOTSON GALE HARRISON	873 48
10*14099	5-18-55	SS	SOUTHERN COUNTRY FARMS INC	666 489
10*14099	5-18-56	TT	SOUTHERN COUNTRY FARMS INC	666 489
10*19338	5-16-21	UU	JAMES M. RUCKMAN KIMBERLY L. RUCKMAN	741 72
10*19338	5-16-22	VV	JAMES M. RUCKMAN KIMBERLY L. RUCKMAN	741 72
10*19218	5-18-11.3	WW	BENJAMIN ROBINSON	727 211
10*19339	5-15-10	XX	MARK STANLEY RUCKMAN	741 75
10*16614	5-16-22.1	YY	CHARLES RICHARD AND HEATHER A DAVIS	941 533
10*21468	5-16-25	ZZ	JOHN A SWIERKOS ZACHARY SWIERKOS POA	953 317
10*19294	5-16-23	AAA	MICHAEL R. BRYAN BRENDA K. BRYAN	741 78
10*19294	5-15-9	BBB	MICHAEL R. BRYAN BRENDA K. BRYAN	741 78
10*19294	5-16-23.5	CCC	MICHAEL R. BRYAN BRENDA K. BRYAN	741 78
10*19294	5-16-23.4	DDD	MICHAEL R. BRYAN BRENDA K. BRYAN	741 78



P.S. 708

David L Jackson

02/03/2023



**TUG HILL
OPERATING**

OPERATOR'S
WELL #: Hendrickson N-7HU
DISTRICT: Franklin
COUNTY: Marshall
STATE: WV
API #: 47-051-02479

WELL PLAT
PAGE 5 OF 5
DATE: 12/05/2022