

DEC 12 2022

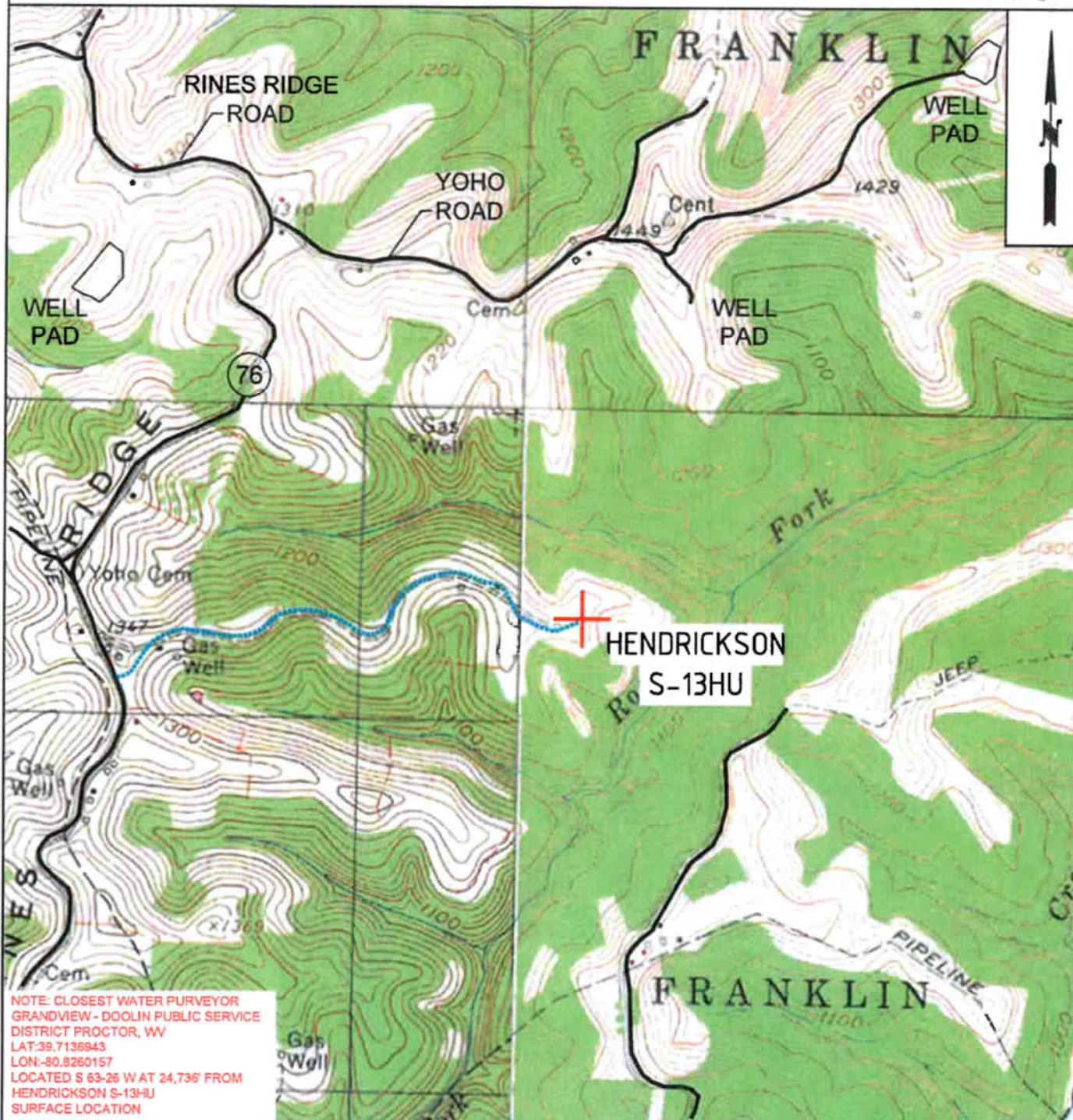
WW-9

**PROPOSED
HENDRICKSON S-13HU**


SUPPLEMENT PG 2

WV Department of Environmental Protection

4705102483



NOTE: CLOSEST WATER PURVEYOR
GRANDVIEW - DOOLIN PUBLIC SERVICE
DISTRICT PROCTOR, WV
LAT: 39.7136943
LON: -80.8260157
LOCATED S 63-25 W AT 24.736' FROM
HENDRICKSON S-13HU
SURFACE LOCATION

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

HENDRICKSON LEASE WELL S-11HU 257.9913± ACRES



REFERENCES
SCALE 1"=200'

(+) DENOTES LOCATION
ON UNITED STATES
TOPOGRAPHIC MAPS

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

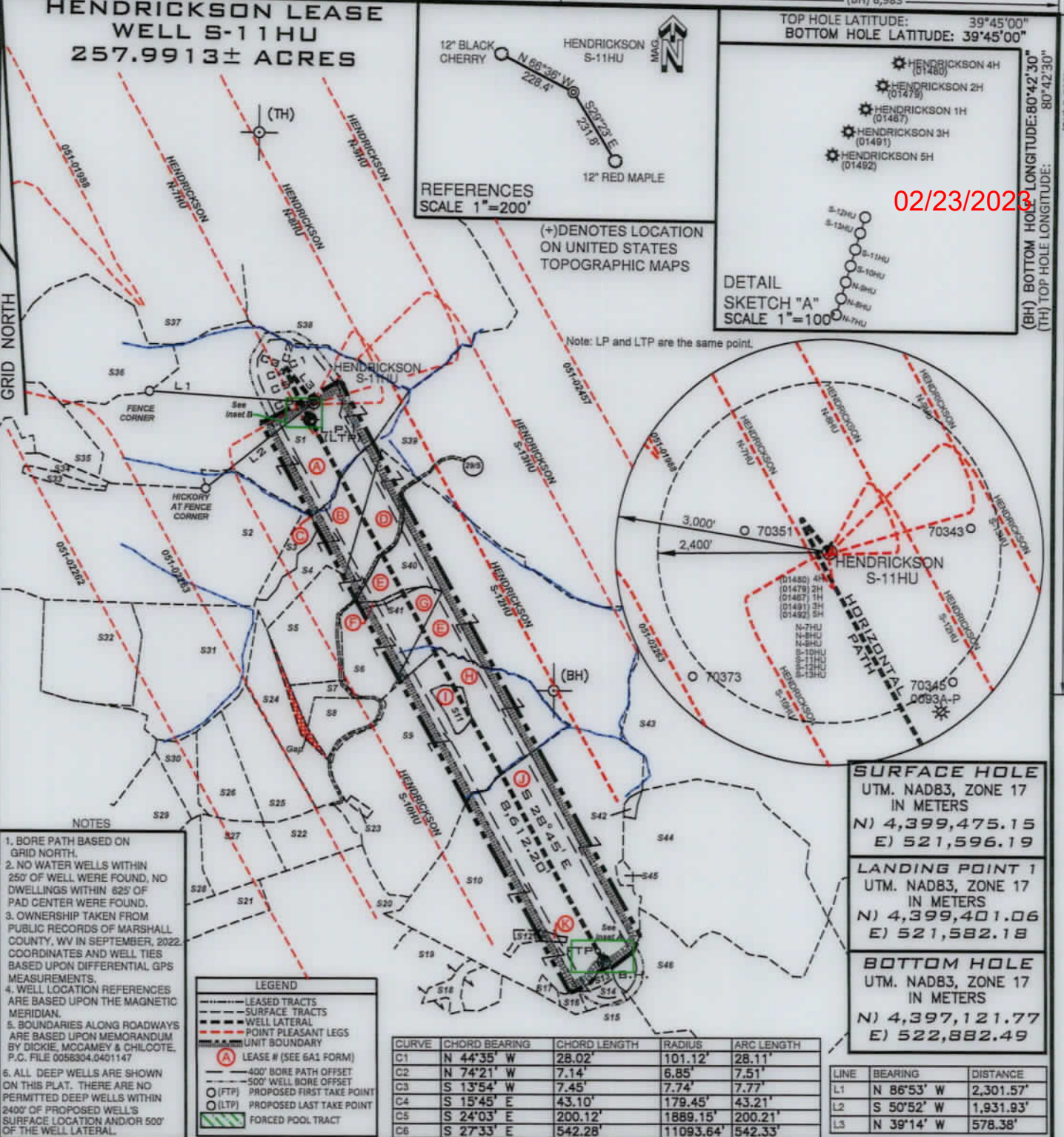


02/23/2023

DETAIL
SKETCH "A"
SCALE 1"=100'

(BH) BOTTOM HOLE LONGITUDE: 80°42'30"
(TH) TOP HOLE LONGITUDE: 80°42'30"

Note: LP and LTP are the same point.



- NOTES**
- BORE PATH BASED ON GRID NORTH.
 - NO WATER WELLS WITHIN 250' OF WELL WERE FOUND, NO DWELLINGS WITHIN 825' 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 & CHILCOOTE, P.C. FILE 0056304.0401147
 - 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.

LEGEND

- LEASE TRACTS
- SURFACE TRACTS
- WELL LATERAL
- POINT PLEASANT LEGS
- UNIT BOUNDARY
- LEASE # (SEE 6A1 FORM)
- 400' BORE PATH OFFSET
- 500' WELL BORE OFFSET
- (FTP) PROPOSED FIRST TAKE POINT
- (LTP) PROPOSED LAST TAKE POINT
- FORCED POOL TRACT

CURVE	CHORD BEARING	CHORD LENGTH	RADIUS	ARC LENGTH
C1	N 44°35' W	28.02'	101.12'	28.11'
C2	N 74°21' W	7.14'	6.85'	7.51'
C3	S 13°54' W	7.45'	7.74'	7.77'
C4	S 15°45' E	43.10'	179.45'	43.21'
C5	S 24°03' E	200.12'	1889.15'	200.21'
C6	S 27°33' E	542.28'	11093.64'	542.33'

SURFACE HOLE
UTM. NAD83, ZONE 17
IN METERS
N) 4,399,475.15
E) 521,596.19

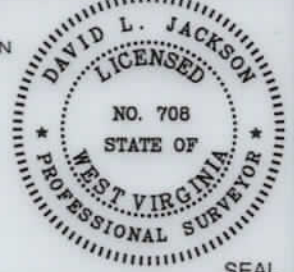
LANDING POINT 1
UTM. NAD83, ZONE 17
IN METERS
N) 4,399,401.06
E) 521,582.18

BOTTOM HOLE
UTM. NAD83, ZONE 17
IN METERS
N) 4,397,121.77
E) 522,882.49

FILE NUMBER _____
DRAWING NUMBER HENDRICKSON_S-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

David L Jackson



JACKSON SURVEYING INC.
P.O. Box 1480
Clarksburg, WV 26302
304-623-5851

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

DATE: DECEMBER 07, 2022

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

OPERATORS WELL NO HENDRICKSON S-11HU
API WELL NO. 47-051-02483 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 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: 11,686' TMD: 20,579'

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 W-6

HENDRICKSON LEASE WELL S-11HU 257.9913 ± ACRES

LEGEND	
	LEASED TRACTS
	SURFACE TRACTS
	WELL LATERAL
	POINT PLEASANT LEGS
	UNIT BOUNDARY
	LEASE # (SEE 6A1 FORM)
	400' BORE PATH OFFSET
	500' WELL BORE OFFSET
	PROPOSED FIRST TAKE POINT
	PROPOSED LAST TAKE POINT
	FORCED POOL TRACT

INSET "A"



INSET "B"



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



P.S.
708

David L Jackson

Parcels within Unit Boundary				
Tags	Number	Tax Map -Parcel	Surface Owner	Acres
A	S1	05-24-1	LINDA L PICKERING HENDRICKSON	175
B	S4	05-24-4	TERRY E SIMMS, ET UX	84.05
C	S3	05-25-21	TERRY E SIMMS, ET UX	7
D	S5	05-24-3.2	TH EXPLORATION II, LLC	49
E	S40	05-24-3.3	CHARLES E & DEBRA K BERTRAND	120.43
F	S41	05-24-3.4	CHARLES E & DEBRA K BERTRAND	1.27
G	S6	05-24-3	CHARLES E & DEBRA K BERTRAND	30.914
H	S9	05-25-2	JAMES W KLUG	122.3
I	S11	05-25-2.3	KELSEY E KLUG	5
J	S10	05-25-3	SD & SUSAN SMITH FERTITTA	181.548
K	S12	05-25-3.1	SD & SUSAN SMITH FERTITTA	3.022

02/23/2023

Adjoining Parcels Ownership Table				
	Number	Tax Map -Parcel	Surface Owner	Acres
	S2	05-24-5	ROBERT C FRANCIS ET UX (LIFE)	145.78
	S7	05-24-3.1	TH EXPLORATION II, LLC	5.50
	S8	05-25-2.2	JOHN G KLUG, SR	10
	S13	05-25-5	TERRY L & TAMMY J KIRKLAND AS TRUSTEES OF THE TERRY & TAMMY KIRKLAND LIVING TRUST	1.12
	S14	05-25-06	TERRY L & TAMMY J KIRKLAND AS TRUSTEES OF THE TERRY & TAMMY KIRKLAND LIVING TRUST	3
	S15	12-3-41.1	TERRY L & TAMMY J KIRKLAND AS TRUSTEES OF THE TERRY & TAMMY KIRKLAND LIVING TRUST	74.138
	S16	05-25-4	TERRY L & TAMMY J KIRKLAND AS TRUSTEES OF THE TERRY & TAMMY KIRKLAND LIVING TRUST	5
	S17	05-10-18	JOHN HART	2
	S18	05-25-10.1	TERRY L & TAMMY J KIRKLAND AS TRUSTEES OF THE TERRY & TAMMY KIRKLAND LIVING TRUST	5.250
	S19	05-25-10	TERRY L & TAMMY J KIRKLAND AS TRUSTEES OF THE TERRY & TAMMY KIRKLAND LIVING TRUST	18.75
	S20	05-25-12	MARION PARSONS JR, ET AL	85.16
	S21	05-25-12.1	KENT & BETTY MASON	15
	S22	05-25-13.3	WILLIAM M SR & CYNTHIA A FERDA	17.21
	S23	05-25-2.1	NANCY JACKSON	1
	S24	05-25-1.4	SAMANTHA J & PHILIP A NAMLIK	24.44
	S25	05-25-1.3	PHILIP A & SAMANTHA K NAMLIK	26.20
	S26	05-25-1.2	WILLIAM JR & ANDREA J DUBIEL	20.10
	S27	05-25-1.5	RYAN J BRATTON	21.35
	S28	05-25-13	WILLIAM M FERDA JR & STEPHANIE L PALUCKA	16.014
	S29	05-25-1	MICHAEL L MASON	35.43
	S30	05-25-1.1	RYAN A & JAQUELINE E LAYMAN	9.79
	S31	05-24-4	TERRY E SIMMS, ET UX	84.05
	S32	05-24-6	TERRY E SIMMS, ET UX	42.84
	S33	05-24-5.2	JAMES D WATKINS ET UX	3.151
	S34	05-24-5.1	JAMES D WATKINS ET UX	4.60
	S35	05-23-7	TERRY E SIMMS, ET UX	123.097
	S36	05-17-11.1	RANDY W FRANCIS ET UX	67
	S37	05-17-9.4	VICKI L BOWEN	60.3
	S38	05-17-8	ROBERT H HALL, JR	257.50
	S39	05-24-2	ROY FRIEND YOHO	316.80
	S42	09-22-1.1	CNG TRANSMISSION CO	1.43
	S43	09-20-4	SHELLIE J PEKULA, HRS	171
	S44	9-22-1	LOUIS T FOX	124.57
	S45	05-25-3.2	CONSOL ENERGY HOLDINGS, LLC	1.43
	S46	09-22-02	MARK HJ MILLER, ET AL	124.80

02/03/2023



TUG HILL OPERATING

OPERATOR'S
WELL #: Hendrickson S-11HU
DISTRICT: Franklin
COUNTY: Marshall
STATE: WV
API #: 47-051-02483

WELL PLAT
PAGE 2 OF 3
DATE: 12/07/2022

form. ww6

**HENDRICKSON LEASE
WELL S-11HU
257.9913± 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*14462	5-24-4	B	JERRY ELTON RICHMOND, ET AL	744	57
10*14786	5-25-21	C	TWILA ORA WHIPKEY, ET AL	799	61
10*14068	5-24-3.2	D	ROHN JEAN MARTIN, ET AL	666	552
10*14068	5-24-3.3	E	ROHN JEAN MARTIN, ET AL	666	552
10*14068	5-24-3.4	F	ROHN JEAN MARTIN, ET AL	666	552
10*14068	5-24-3	G	ROHN JEAN MARTIN, ET AL	666	552
10*14525	5-25-2	H	IMA LEE YOHO	757	192
10*14525	5-25-2.3	I	IMA LEE YOHO	757	192
10*14524	5-25-3	J	IMA LEE YOHO	757	194
10*14524	5-25-3.1	K	IMA LEE YOHO	757	194



P.S. 708 *David L Jackson*

02/03/2023



**TUG HILL
OPERATING**

OPERATOR'S
WELL #: Hendrickson S-11HU
DISTRICT: Franklin
COUNTY: Marshall
STATE: WV
API #: 47-051-02483

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