

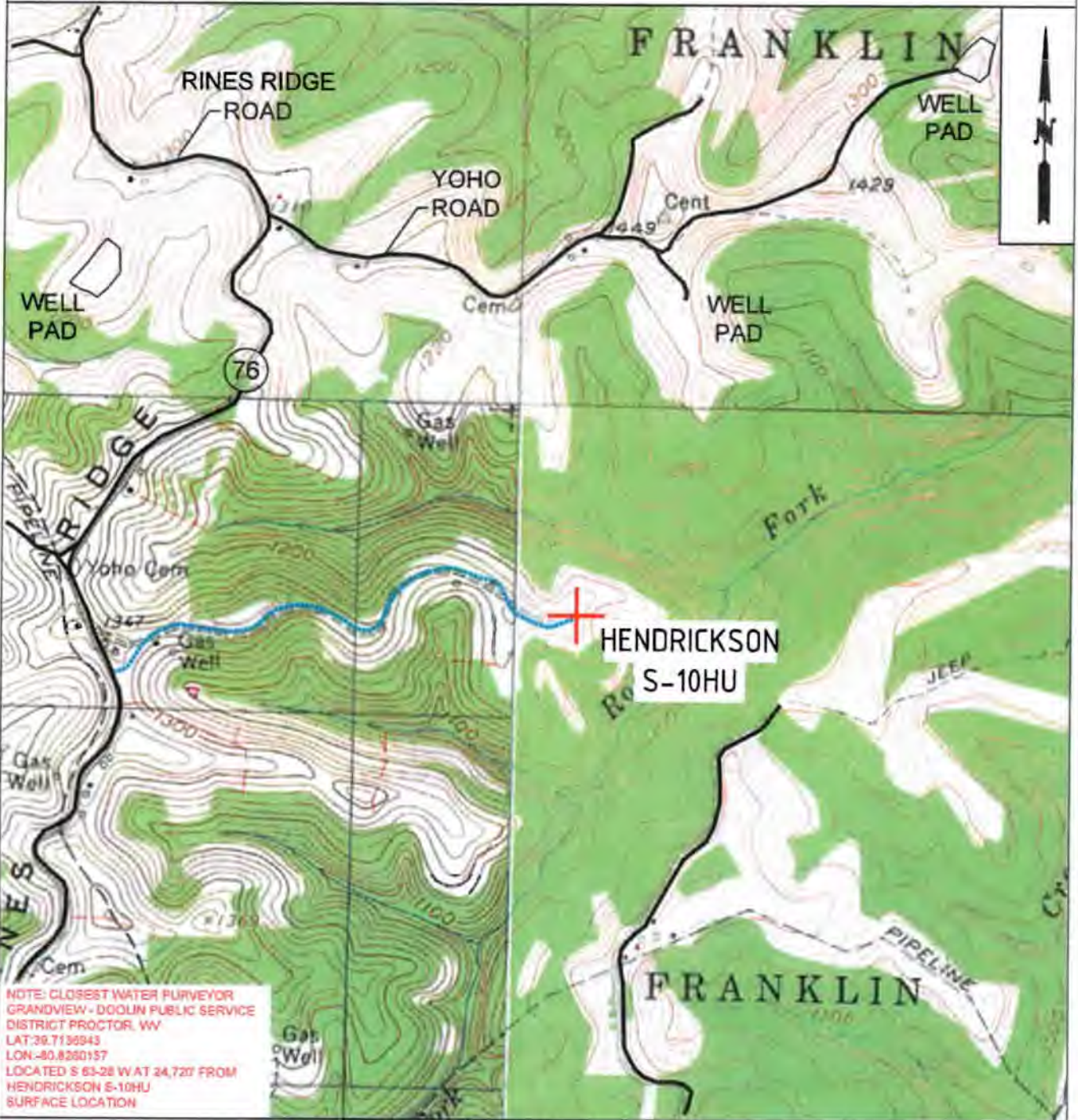
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RECEIVED
Office of Oil and Gas
02/23/2023

WW-9

PROPOSED HENDRICKSON S-10HU

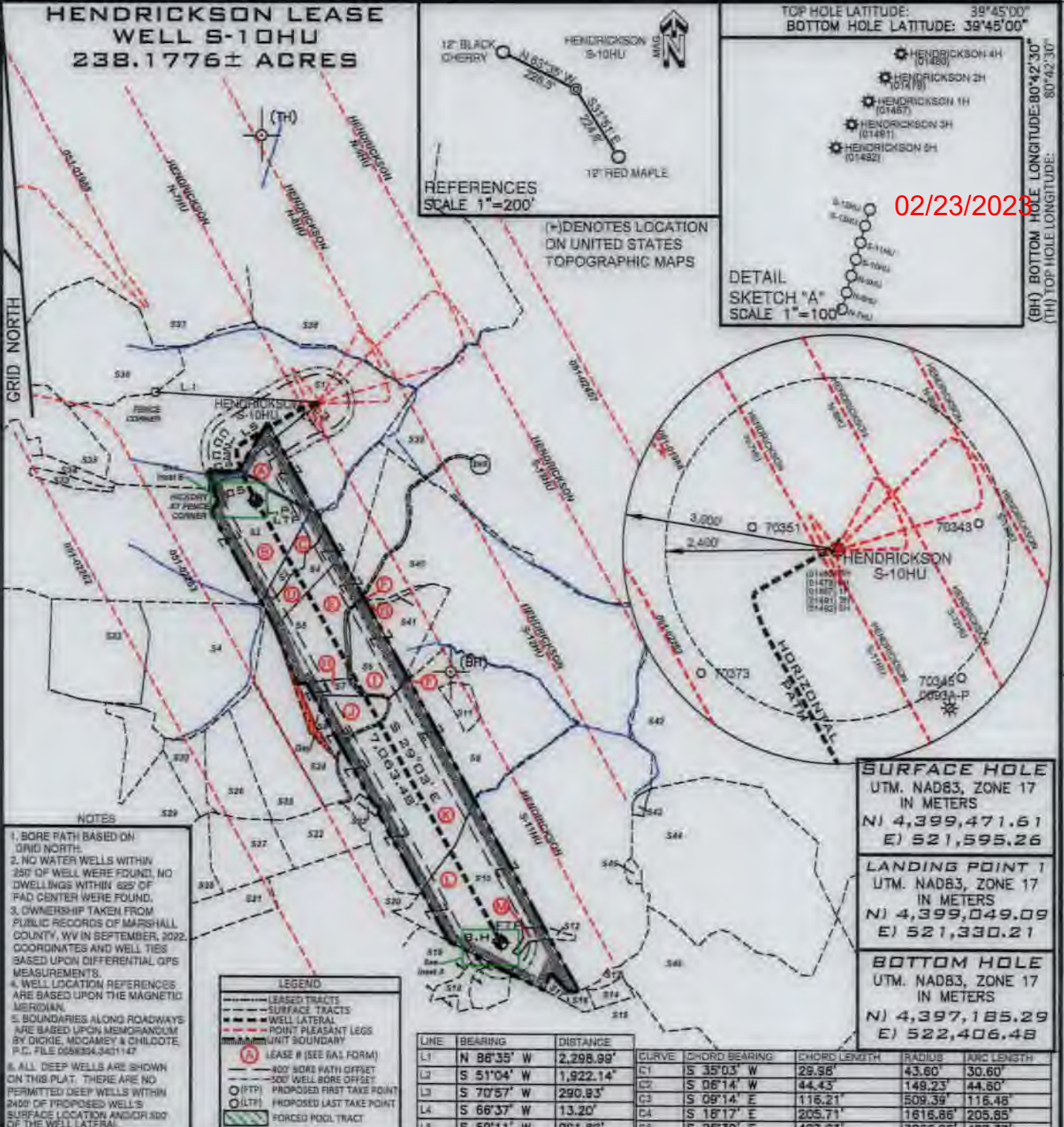
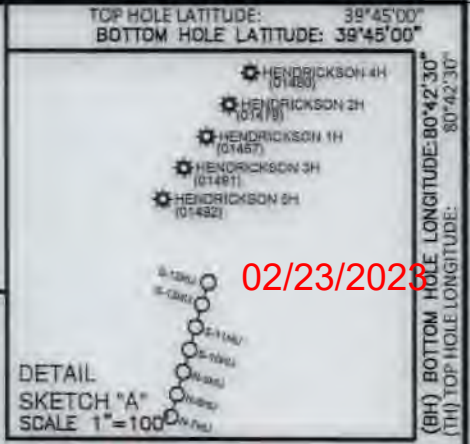
DEC 12 2022
SUPPLEMENT PG 2
WV Department of
Environmental Protection



 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: 1" = 2000'	DATE: DATE: 11-02-2022

02/03/2023

**HENDRICKSON LEASE
WELL S-10HU
238.1776± ACRES**



- NOTES**
1. BORE PATH BASED ON GRID NORTH.
 2. NO WATER WELLS WITHIN 250' OF WELL WERE FOUND, NO DWELLINGS WITHIN 625' 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, MCGAMEY & CHILCOTE, P.C. FILE 0058354.3431147
 6. ALL DEEP WELLS ARE SHOWN ON THIS PLAT. THERE ARE NO PERMITTED DEEP WELLS WITHIN 2400' OF PROPOSED WELLS SURFACE LOCATION ANGLOR 300' OF THE WELL LATERAL.

LEGEND

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

LINE	BEARING	DISTANCE	CURVE	CHORD BEARING	CHORD LENGTH	RADIUS	ARC LENGTH
L1	N 86°35' W	2,298.99'	C1	S 35°03' W	29.96'	43.60'	30.60'
L2	S 51°04' W	1,922.14'	C2	S 06°14' W	44.43'	149.23'	44.60'
L3	S 70°57' W	290.93'	C3	S 09°14' E	116.21'	509.39'	116.48'
L4	S 66°37' W	13.20'	C4	S 18°17' E	205.71'	1816.86'	205.85'
L5	S 59°11' W	991.82'	C5	S 29°39' E	427.03'	3066.96'	427.37'

SURFACE HOLE
UTM. NAD83, ZONE 17
IN METERS
N) 4,399,471.61
E) 521,595.26

LANDING POINT 1
UTM. NAD83, ZONE 17
IN METERS
N) 4,399,049.09
E) 521,330.21

BOTTOM HOLE
UTM. NAD83, ZONE 17
IN METERS
N) 4,397,185.29
E) 522,406.48

FILE NUMBER _____
DRAWING NUMBER HENDRICKSON_S-10HU_REV1
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 1460
Clarksburg, WV 26302
304-623-5851

WVDEP
OFFICE OF OIL & GAS
601 5TH STREET, SE
CHARLESTON, WV 25304

DATE: DECEMBER 08, 2022

OPERATORS WELL NO HENDRICKSON S-10HU
API WELL NO. 47-051-02482 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) _____
PLUG & ABANDON ___ CLEAN OUT & REPLUG ___

TARGET FORMATION POINT PLEASANT ESTIMATED DEPTH TVD: 11,678' TMD: 19,072'

WELL OPERATOR TUG HILL OPERATING, LLC DESIGNATED AGENT DARREN BROWN, CT CORP
ADDRESS 1320 SOUTH UNIVERSITY DRIVE, SUITE 500 ADDRESS 5098 WASHINGTON STREET WEST, SUITE 407
FORT WORTH, TX 76107 CHARLESTON, WV 25313-1561

02/03/2023

COUNTY NAME
PERMIT

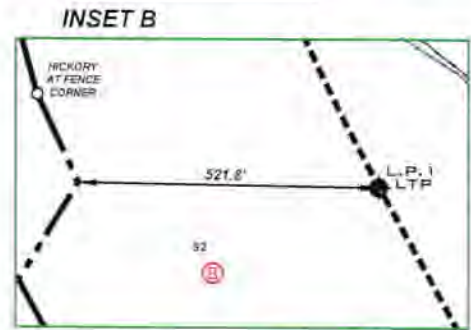
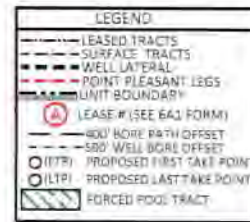
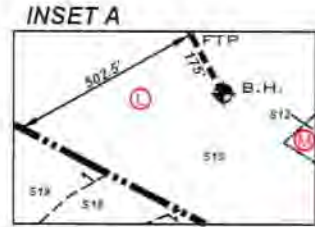
form wv6

**HENDRICKSON LEASE
WELL S-10HU
238.1776 ACRES**

02/23/2023

Parcels w/In Unit Boundary				
Tags	Number	Tax Map -Parcel	Surface Owner	Acres
A	S1	05-24-1	LINDA L PICKERING HENDRICKSON	175
B	S2	05-24-5	ROBERT C FRANCIS ET UX (LIFE)	145.78
C	S3	05-25-21	TERRY E SIMMS, ET UX	7
D	S4	05-24-4	TERRY E SIMMS, ET UX	84.05
E	S5	05-24-3.2	TH EXPLORATION II, LLC	49
F	S40	05-24-3.3	CHARLES E & DEBRA K BERTRAND	120.43
G	S41	05-24-3.4	CHARLES E & DEBRA K BERTRAND	1.27
H	S7	05-24-3.1	TH EXPLORATION II, LLC	5.50
I	S6	05-24-3	CHARLES E & DEBRA K BERTRAND	30.914
J	S8	05-25-2.2	JOHN G KLUG, SR	10
K	S9	05-25-2	JAMES W KLUG	122.3
L	S10	05-25-3	SD & SUSAN SMITH FERTITTA	181.548
M	S12	05-25-3.1	SD & SUSAN SMITH FERTITTA	3,022

Adjoining Parcels Ownership Table				
Number	Tax Map -Parcel	Surface Owner	Acres	
S11	05-25-2.3	KELSEY E KLUG	5	
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 & RENEE HART REVOCABLE LIVING TRUST	2	
S18	05-25-10.1	TERRY L & TAMMY I 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 J 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 PALICKA	16.014	
S29	05-25-1	MICHAEL L MASON	35.43	
S30	05-25-1.1	RYAN A & JACQUELINE E LAYMAN	9.79	
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 HRS	60.3	
S38	05-17-8	ROGER 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 HI MILLER, ET AL	124.80	



Note: L.P. and LTP are the same point.



P.S. 708

David L Jackson

Lease ID	TMP	Tag	Grantor, Lessor, Etc.	Book	Page
10*14138	5-24-1	A	LINDA AND DONALD HENDRICKSON	666	528
10*14797	5-24-5	B	ORVILLE YOUNG, ET AL	800	598
10*19903	5-25-21	C	PAUL F HAMMERS, ET AL	948	236
10*14462	5-24-4	D	JERRY ELDON RICHMOND, ET AL	744	57
10*14068	5-24-3.2	E	ROHN JEAN MARTIN, ET AL	666	552
10*14068	5-24-3.3	F	ROHN JEAN MARTIN, ET AL	666	552
10*14068	5-24-3.4	G	ROHN JEAN MARTIN, ET AL	666	552
10*14068	5-24-3.1	H	ROHN JEAN MARTIN, ET AL	666	552
10*14068	5-24-3	I	ROHN JEAN MARTIN, ET AL	666	552
10*14525	5-25-2.2	J	IMA LEE YOHO	757	192
10*14525	5-25-2	K	IMA LEE YOHO	757	192
10*14524	5-25-3	L	IMA LEE YOHO	757	194
10*14524	5-25-3.1	M	IMA LEE YOHO	757	194

02/03/2023



**TUG HILL
OPERATING**

OPERATOR'S
WELL #: Hendrickson S-10HU
DISTRICT: Franklin
COUNTY: Marshall
STATE: WV
API #: 47-051-02482

WELL PLAT
PAGE 2 OF 2
DATE: 12/08/2022