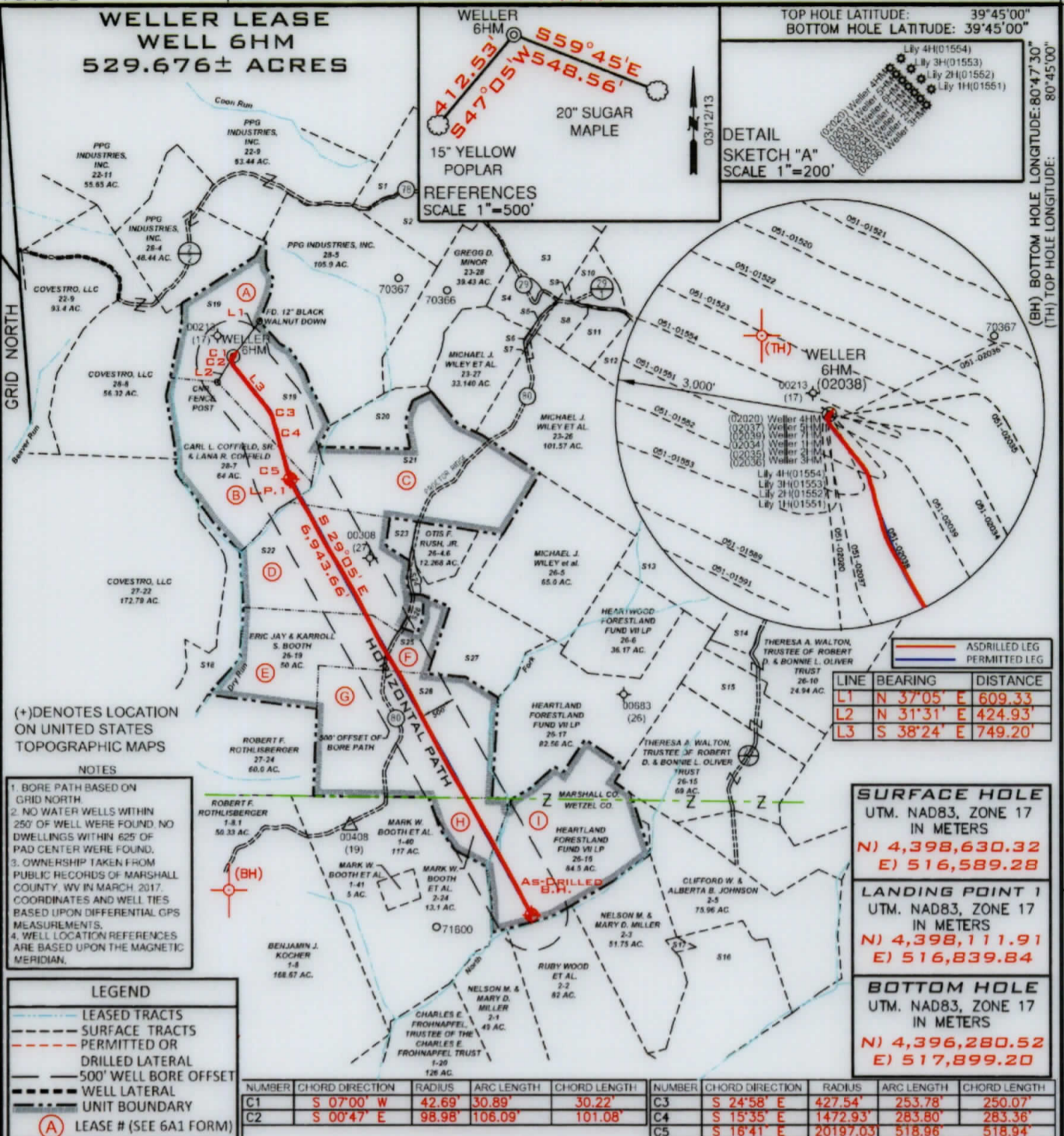


**WELLER LEASE
WELL 6HM
529.676± ACRES**

WELLER 6HM

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



DETAIL SKETCH "A"
SCALE 1"=200'

LINE	BEARING	DISTANCE
L1	N 37°05' E	609.33
L2	N 31°31' E	424.93
L3	S 38°24' E	749.20

SURFACE HOLE
UTM. NAD83, ZONE 17
IN METERS
N) 4,398,630.32
E) 516,589.28

LANDING POINT 1
UTM. NAD83, ZONE 17
IN METERS
N) 4,398,111.91
E) 516,839.84

BOTTOM HOLE
UTM. NAD83, ZONE 17
IN METERS
N) 4,396,280.52
E) 517,899.20

(+) 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 MARCH 2017. COORDINATES AND WELL TIES BASED UPON DIFFERENTIAL GPS MEASUREMENTS.
 - WELL LOCATION REFERENCES ARE BASED UPON THE MAGNETIC MERIDIAN.

LEGEND

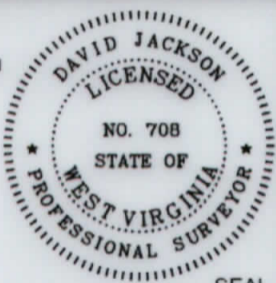
- LEASED TRACTS
- SURFACE TRACTS
- PERMITTED OR DRILLED LATERAL
- 500' WELL BORE OFFSET
- WELL LATERAL
- UNIT BOUNDARY
- LEASE # (SEE 6A1 FORM)

NUMBER	CHORD DIRECTION	RADIUS	ARC LENGTH	CHORD LENGTH	NUMBER	CHORD DIRECTION	RADIUS	ARC LENGTH	CHORD LENGTH
C1	S 07°00' W	42.69'	30.89'	30.22'	C3	S 24°58' E	427.54'	253.78'	250.07'
C2	S 00°47' E	98.98'	106.09'	101.08'	C4	S 15°35' E	1472.93'	283.80'	283.36'
					C5	S 16°41' E	20197.03'	518.96'	518.94'

FILE NUMBER _____
DRAWING NUMBER WELLER_WP_6HM
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: APRIL 17, 2020
OPERATORS WELL NO. WELLER 6HM
API WELL NO. 47-051-02038
STATE WV COUNTY FRANKLIN PERMIT _____

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

LOCATION ELEVATION 1272.4' WATERSHED (HUC 10) French Creek - Ohio River
DISTRICT Franklin COUNTY Marshall
QUADRANGLE New Martinsville 7 1/2' LEASE NUMBER SEE WW-6A1 Form

SURFACE OWNER Ula F. Nelson ACREAGE 70.0
OIL & GAS ROYALTY OWNER Ula F. Nelson LEASE ACREAGE 70.0
PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___
PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE (SPECIFY) AS-DRILLED
PLUG & ABANDON ___ CLEAN OUT & REPLUG ___

TARGET FORMATION MARCELLUS ESTIMATED DEPTH TVD: 6,564.59' TMD: 14,104'
WELL OPERATOR TUG HILL OPERATING, LLC DESIGNATED AGENT DIANNA STAMPER
ADDRESS 1320 SOUTH UNIVERSITY DRIVE, SUITE 500 ADDRESS 5400 D BIG TYLER ROAD
FORT WORTH, TX 76107 CHARLESTON, WV 25313

COUNTY NAME
PERMIT

**WELLER LEASE
WELL N-6HM
529.676± ACRES**

Number	TAX MAP-PARCEL	ADJOINER OWNER	ACRES
S1	22-7.1	TH EXPLORATION II, LLC & ATINUM MARCELLUS I, LLC	21.68
S2	22-7	PATRICIA ACCETTOLO ET AL.	25.02
S3	22-1	PATRICIA ACCETTOLO ET AL.	146.66
S4	23-28.2	MARK W. TENNANT ET AL.	10.80
S5	23-23	MICHAEL J. WILEY ET AL.	1.00
S6	23-24	MICHAEL J. WILEY ET AL.	0.25
S7	23-25	ARTHUR A. WILEY	0.43
S8	23-22	DANIEL D. RHYAND & LAUREL R. GREENE	6.25
S9	23-29	JAMES WILEY	0.25
S10	23-18.1	MARK A. YOHO	7.80
S11	23-17.1	CURTIS E. HALL ET UX	10.051
S12	23-17.2	DICK JR. & CAROL J. ROWAN	14.920
S13	26-7	DOMINION TRANSMISSION, INC.	71.00
S14	26-23	RICHARD JOSEPH OTTE	11.34
S15	26-14	THERESA A. WALTON, TRUSTEE OF ROBERT D. & BONNIE L. OLIVER TRUST	27.56
S16	2-4	EDITH SALEM & LISA G. LARSON	56.25
S17	2-4.1	TYRONE SULTZBACH & RICHARD WOLF	1.00
S18	27-23	ROBERT F. ROTHLSBERGER	35.77
S19	28-6	ULA F. NELSON	70.00
S20	26-1	EDWIN BOOTH ANDERSON & MARK W. ANDERSON	12.94
S21	26-2	EDWIN BOOTH ANDERSON & MARK W. ANDERSON	67.50
S22	26-4.5	ERIC JAY BOOTH	74.388
S23	26-4	JAMES R. & MELODY A. ANDERSON	3.887
S24	26-4.2	OTIS S. & GLENDA RUSH	1.58
S25	26-4.1	OTIS S. RUSH ET UX.	12.188
S26	26-4.3	CRYSTAL & RANDOPH F. MATASK	2.253
S27	26-4.4	OTIS F. & GLENDA M. RUSH	39.436
S28	26-18	ERIC JAY BOOTH	94.00

SURFACE HOLEUTM. NAD83, ZONE 17
IN METERS**N) 4,398,630.24****E) 516,589.42****LANDING POINT 1**UTM. NAD83, ZONE 17
IN METERS**N) 4,398,083.89****E) 516,856.76****BOTTOM HOLE**UTM. NAD83, ZONE 17
IN METERS**N) 4,396,279.82****E) 517,898.38**P.S.
708

David L Jackson



TUG HILL
OPERATING

OPERATOR'S

API #: 47-051-02038WELL #: Weller 6HMDISTRICT: FranklinCOUNTY: MarshallSTATE: WV**WELL PLAT****PAGE 2 OF 2****DATE: 04/17/2020**