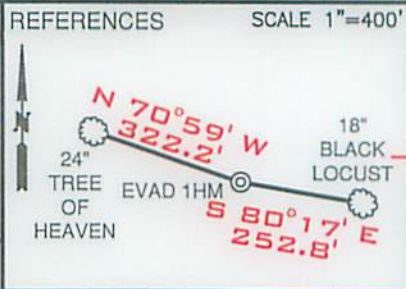


EVAD LEASE WELL 1HM 708.59± ACRES

(+) DENOTES LOCATION ON UNITED STATES TOPOGRAPHIC MAPS

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



DETAIL SKETCH "A" SCALE 1"=100'



GRID NORTH

- 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.

LINE	BEARING	DISTANCE
L1	N 01°37' E	2920.25'
L2	N 40°45' E	2164.85'
L3	S 65°50' W	35.28'
L4	S 67°01' W	45.28'
L5	S 61°47' W	133.89'
L6	S 64°35' W	105.87'
L7	S 24°17' E	93.49'
L8	N 81°28' W	411.13'

LEGEND

- LEASED TRACTS
- SURFACE TRACTS
- UNIT BOUNDARY
- (A) LEASE # (SEE 6A1 FORM)

CURVE	CHORD BEARING	CHORD LENGTH	RADIUS	ARC LENGTH
C1	S 76°33' W	23.31'	28.87'	23.99'
C2	S 79°54' W	38.16'	72.48'	38.62'
C3	S 69°04' W	64.12'	363.15'	64.21'
C4	S 61°26' W	265.29'	948.59'	266.16'
C5	S 25°28' W	91.08'	82.94'	96.42'
C6	S 15°10' E	179.62'	503.46'	180.59'
C7	S 21°13' E	236.51'	5400.10'	236.53'
C8	S 29°23' E	167.17'	1409.45'	167.27'

NOTE: PERMITTED COORDINATES ARE ON PAGE 2.

SURFACE HOLE
UTM. NAD83, ZONE 17
IN METERS
N) 4,399,407.88
E) 517,711.36

LANDING POINT 1
UTM. NAD83, ZONE 17
IN METERS
N) 4,399,098.09
E) 517,586.49

BOTTOM HOLE
UTM. NAD83, ZONE 17
IN METERS
N) 4,396,794.38
E) 518,924.11

FILE NUMBER _____

DRAWING NUMBER EVAD_WP_1HM

SCALE 1" = 2000'

MINIMUM DEGREE OF ACCURACY 1/200

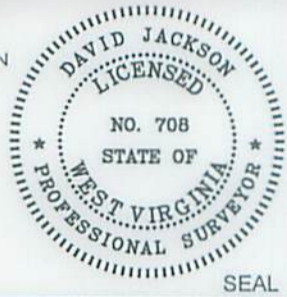
PROVEN SOURCE OF ELEVATION SUBMETER MAPPING
GRADE GPS

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 57TH STREET, SE
CHARLESTON, WV 25304

DATE: July 8, 2020

OPERATORS WELL NO. EVAD 1HM

API WELL NO. 47-051-02056

STATE COUNTY PERMIT

LOCATION ELEVATION 1280.7' WATERSHED (HUC 10) FRENCH CREEK - OHIO RIVER

DISTRICT FRANKLIN COUNTY MARSHALL

QUADRANGLE NEW MARTINSVILLE 7.5' LEASE NUMBER SEE WW-6A1 Form

SURFACE OWNER LOUIS J. & PATRICIA ACCETTOLO ET AL ACREAGE 146.66

OIL & GAS ROYALTY OWNER SEE WW-6A1 Form LEASE ACREAGE 146.66

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION

PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE (SPECIFY) **ASDRILLED**

PLUG & ABANDON CLEAN OUT & REPLUG

TARGET FORMATION MARCELLUS ESTIMATED DEPTH TVD 6,623' TMD: 15,800'

WELL OPERATOR TUG HILL OPERATING, LLC DESIGNATED AGENT DIANNA STAMPER
CT CORPORATION SYSTEM

ADDRESS 1320 SOUTH UNIVERSITY DRIVE, SUITE 500 ADDRESS 5400 D BIG TYLER ROAD
FORT WORTH, TX 76107 CHARLESTON, WV 25313

COUNTY NAME PERMIT

**EVAD LEASE
WELL 1HM
708.59± ACRES**

SURFACE HOLE UTM. NAD83, ZONE 17 IN METERS N) 4,399,407.91 E) 517,711.25
LANDING POINT 1 UTM. NAD83, ZONE 17 IN METERS N) 4,399,137.94 E) 517,568.06
BOTTOM HOLE UTM. NAD83, ZONE 17 IN METERS N) 4,396,792.60 E) 518,922.73

Number	TAX MAP -PARCEL	ADJOINER OWNER	ACRES
S1	05-22-7.1	The Exploration II LLC & Antinum Marcellus I LLC	20.68
S2	05-22-8	PPG Industries Inc.	48.44
S3	05-22-6	CNX RCPC LLC	64.7
S4	05-22-5	CNX RCPC LLC	134.425
S5	05-22-5.1	Williams Ohio Valley Midstream LLC	12.875
S6	05-19-18	Mark E. Yoho Et Ux	55.948
S7	05-18-21.2	David P. Lissan Et Ux - Life	1.0
S8	05-23-2.1	William L. & Janice M. Wayne	2.364
S9	05-23-2.2	Jessica N. & Andrew L. Jones	7.636
S10	05-23-4.2	James S. & Jeanne B. Hall	1.169
S11	05-23-4.1	James S. & Jeanna B. Hall	2.1575
S12	05-23-16	Roy Friend Yoho Sr.	18.03
S13	05-23-16.1	Doanld B. Henry	1.97
S14	05-23-15	Henry Virginia Ethel Est.	15.5
S15	05-23-9.2	Linda D. Greathouse	25.58
S16	05-23-9.4	Jackson R. Davis Sr. & Deanna L. Davis	2.087
S17	05-23-9.1	John W. Van Orden Et Ux	23.376
S18	05-23-13	Linda D. Greathouse	14.24
S19	05-23-12	Mark A. Yoho	3.05
S20	05-25-18	Joseph Johnson Et Ux - Life	37.746
S21	05-25-18.1	Pamela Joan Ferrel Et Vir	2.491
S22	05-23-8	Carl David & Suzanne L. Guseman	29.5
S23	05-23-18	Abe J. Hochstetler	35.382
S24	05-23-13.1	James R. & Pamela J. Ferrel	0.7625
S25	05-23-11.3	Colin R. Yoho	11.29
S26	05-23-11.5	Zachary R. Stevey	9.25
S27	05-23-11.2	Evelyn Hudson	1.154
S28	05-23-11	Roy F. Yoho	5.28
S29	05-25-20.3	James A. & Jo C. Estep	4.49
S30	05-25-19	Joseph Johnson Et Ux - Life	1.973
S31	05-25-17	Emily Jones Irrevocable Trust	22.79
S32	05-25-16	Emily Jones Irrevocable Trust	23.5
S33	05-26-12.1	Alvin F. Stoneking Jr. & Kristen R. Stoneking	2.011
S34	05-26-14	Robert D. & Bonnie L. Oliver Family Trust	27.56
S35	05-26-9	Robert D. & Bonnie L. Oliver Family Trust	21.75
S36	05-26-23	Richard Joseph Otte Et Ux	11.34
S37	05-26-8	Richard Joseph Otte Et Ux	18.27
S38	05-26-20	Doanld Lee Anderson Et Al	4.2
S39	05-26-22	Richard Joseph Otte Et Ux	8.3
S40	05-26-21	Richard Josphe Otte Et Ux	1.25
S41	05-23-17.3	William & Catherine Flewelling	5.018
S42	05-23-17	Thomas E. & Tammy Brown	4.62
S43	05-23-17.4	Tammy D. Meadows	2.605
S44	05-23-17.2	Dick Rowan Jr & Carol J. Rowan	14.92
S45	05-23-17.1	Curtis E. Hall Et Ux	10.051
S46	05-23-22	Daniel D. Rhyand & Laurel R. Greene	6.25
S47	05-23-25	Arthur A. Wiley	0.43
S48	05-23-24	Michael J. Wiley Et Al	0.25
S49	05-23-23	Michael J. Wiley Et Al	1.0
S50	05-23-29	James Wiley	0.25
S51	05-23-21	Mark A. & Mark E. Yoho	0.588
S52	05-23-19	Doty Cemetery	1.0
S53	05-23-20	Christian Church	0.17
S54	05-23-18.1	Mark A. Yoho	7.8
S55	05-23-28.2	Mark W. & Carolyn L. Tennant	10.8
S56	05-23-28.1	Troy W. & Erin M. Thomas	1.0
S57	12-02-06	Clifford W. & Alberta B. Johnson	36.0
S58	12-02-05	Clifford W. & Alberta B. Johnson	75.96
S59	12-02-24	Mark Booth, et al	13.1
S60	05-26-18	Eric Jay Booth	94.0
S61	05-26-4.4	Otis F. & Glenda M. Rush	39.436
S62	05-26-4.6	Otis F. Rush, Jr.	12.268
S63	05-26-02	Edwin Booth Anderson & Mark Booth	67.50
S64	05-26-01	Edwin Booth Anderson & Mark Booth	12.94
S65	05-26-06	Ula F. Nelson	70.0
S66	05-26-09	PPG Industries, Inc.	63.44

RECEIVED
Office of Oil and Gas
JUL 20 2020
WV Department of
Environmental Protection



P.S. 708 *David L Jackson*



**TUG HILL
OPERATING**

OPERATOR'S
WELL #: EVAD 1HM
DISTRICT: Franklin
COUNTY: Marshall
STATE: WV
API #: 47-051-02056

WELL PLAT
PAGE 2 OF 2
DATE: *07/08/2020*