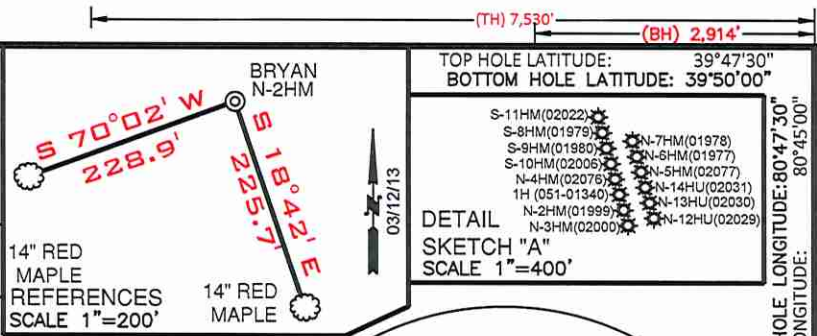


NOTE: PERMITTED COORDINATES ARE ON PAGE 2.

BRYAN LEASE WELL N-2HM
876.208± ACRES

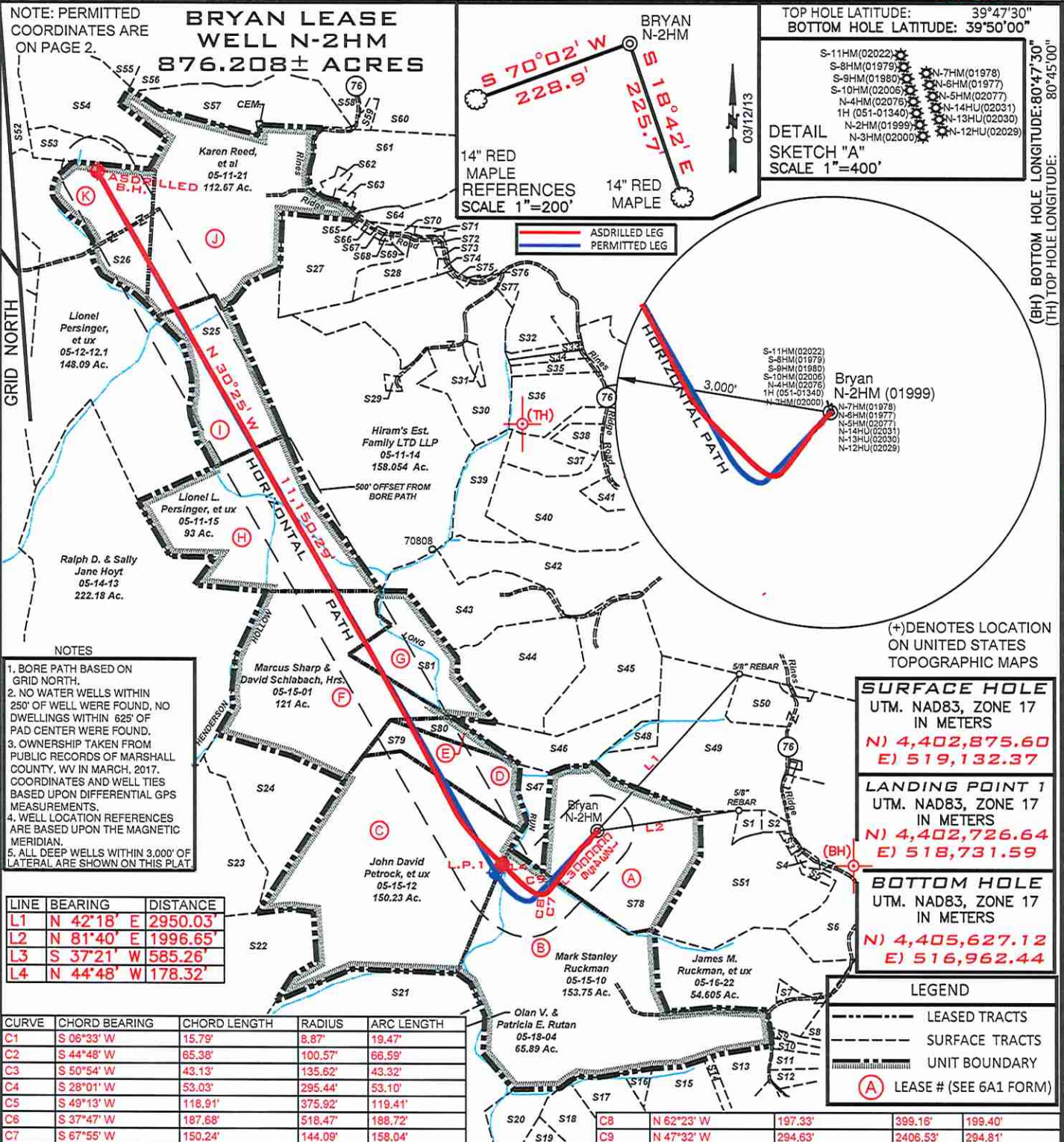


TOP HOLE LATITUDE: 39°47'30"
BOTTOM HOLE LATITUDE: 39°50'00"

S-11HM(02022)
S-8HM(01979)
S-9HM(01980)
S-10HM(02006)
N-4HM(02076)
1H(051-01340)
N-2HM(01999)
N-3HM(02000)

N-7HM(01978)
N-5HM(01977)
N-5HM(02077)
N-14HU(02031)
N-13HU(02030)
N-12HU(02029)

DETAIL SKETCH "A"
SCALE 1"=400'



- 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.
 - ALL DEEP WELLS WITHIN 3,000' OF LATERAL ARE SHOWN ON THIS PLAT

LINE	BEARING	DISTANCE
L1	N 42°18' E	2950.03'
L2	N 81°40' E	1996.65'
L3	S 37°21' W	585.26'
L4	N 44°48' W	178.32'

CURVE	CHORD BEARING	CHORD LENGTH	RADIUS	ARC LENGTH
C1	S 06°33' W	15.79'	8.87'	19.47'
C2	S 44°48' W	65.38'	100.57'	66.59'
C3	S 50°54' W	43.13'	135.62'	43.32'
C4	S 28°01' W	53.03'	295.44'	53.10'
C5	S 49°13' W	118.91'	375.92'	119.41'
C6	S 37°47' W	187.68'	518.47'	188.72'
C7	S 67°55' W	150.24'	144.09'	158.04'

SURFACE HOLE
UTM. NAD83, ZONE 17
IN METERS
N) 4,402,875.60
E) 519,132.37

LANDING POINT 1
UTM. NAD83, ZONE 17
IN METERS
N) 4,402,726.64
E) 518,731.59

BOTTOM HOLE
UTM. NAD83, ZONE 17
IN METERS
N) 4,405,627.12
E) 516,962.44

LEGEND

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

FILE NUMBER _____

DRAWING NUMBER **BRYAN_N-2HM_REV_4**

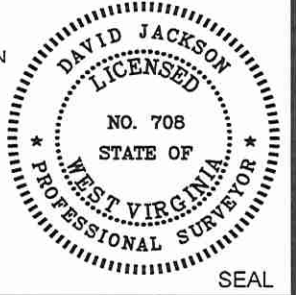
SCALE **1" = 2000'**

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: **SEPTEMBER 10, 2020**

OPERATORS WELL NO. **BRYAN N-2HM**

API WELL NO. **47-051-01999**

STATE COUNTY PERMIT

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

LOCATION ELEVATION **1191.6'** WATERSHED (HUC 10) **Fish Creek**

DISTRICT **Franklin** COUNTY **Marshall**

QUADRANGLE **Powhatan Point 7.5'** LEASE NUMBER **SEE WW-6A1 Form**

SURFACE OWNER **CNX LAND RESOURCES, INC.** ACREAGE **81.98**

OIL & GAS ROYALTY OWNER **MICHAEL R. BRYAN - SEE WW 6A1** LEASE ACREAGE **81.98**

PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___
PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE (SPECIFY) **ASDRILLED**

TARGET FORMATION **Marcellus** ESTIMATED DEPTH **TVD: 6,361' TMD: 18,288'**

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

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

05/07/2021

COUNTY NAME PERMIT

**BRYAN LEASE
WELL N-2HM
876.208± ACRES**

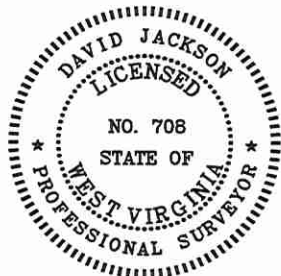
GRID NORTH

SURFACE HOLE
UTM. NAD83, ZONE 17
IN METERS
N) 4,402,875.37
E) 519,132.39

LANDING POINT 1
UTM. NAD83, ZONE 17
IN METERS
N) 4,402,691.10
E) 518,703.48

BOTTOM HOLE
UTM. NAD83, ZONE 17
IN METERS
N) 4,405,626.72
E) 516,961.80

Number	TAX MAP -PARCEL	ADJOINER OWNER	ACRES
S1	05-16-23.4	Michael R. & Brenda K. Bryan	3.0
S2	05-16-23.1	Ray E. Minor, Et Ux	2.0
S3	05-16-23.3	Greg & Christina Riddle	1.0
S4	05-16-24	Alan M. Beyser, Et Ux	1.083
S5	05-16-23.2	Alan M. Beyser, Et Ux	1.726
S6	05-16-25	John Swierkos	79.04
S7	05-16-22.1	Heather A. Burgy	1.465
S8	05-16-21	James M. Ruckman, Et Ux	60.75
S9	05-18-56	William E. O'Hara	3.965
S10	05-18-55	William E. O'Hara	3.202
S11	05-18-28	Dotson G. Harrison, Et Ux	6.36
S12	05-18-28.1	Carol Diane Helmick	5.696
S13	05-18-11	Benjamin Robinson	10.883
S14	05-18-11.2	Edward Lee Burge Jr.	2.0
S15	05-18-11.1	Edward Lee Burge Jr.	18.0
S16	05-18-15	Edward Lee Burge Jr.	2.495
S17	05-18-15.4	Edward Lee Burge Jr.	22.34
S18	05-18-15.3	Charles Yeater	26.44
S19	05-18-6	Charles Yeater	26.0
S20	05-18-5	Terry L. Melott	8.14
S21	05-15-11	Diana Henry Haynes & Carol C. Henry	65.59
S22	05-19-13	Rona Lee Rice & Charles Franklin McCardle	94.925
S23	05-14-15	Robert L. Shields Et Al	53.0
S24	05-15-15	Robert L. Shields Et Al	49.0
S25	05-12-11	Wesley R. & Wesley R. Bryan II	52.478
S26	05-12-12	Lionel L. Persinger, Et Ux	45.0
S27	05-11-17	Kevin R. Corley, Et Ux	36.13
S28	05-11-17.2	Brenda & Michael Bryan	11.504
S29	05-11-14.1	Dennis F. Moore, Et Ux	1.056
S30	05-11-16	Keith E. Haught, Et Al	83.674
S31	05-11-16.2	Joseph Haught	2.181
S32	05-11-9.3	Joseph M. & Steven Haught	16.3
S33	05-11-9.5	Southern Country Farms Inc.	2.559
S34	05-11-9.6	Southern Country Farms Inc.	2.488
S35	05-11-9.9	Leonard L. Parsons Et Ux	5.89
S36	05-11-9	Edwin C. & Kimberly A. Miller	54.625
S37	05-11-11.4	Brad M. & Amanda J. Blake	15.193
S38	05-11-11	Brad M. & Amanda J. Blake	5.0
S39	05-11-13	Joy D. Gartman & Arlin Gatts	12.29
S40	05-11-11.3	Herman D. Lantz	43.96
S41	05-11-11.1	Nellie Marie & Robert W. Spencer	5.813
S42	05-11-12	Joseph J. Kramer, Et Ux	43.2188
S43	05-15-4	Joseph J. Kramer, Et Ux	41.106
S44	05-15-5	Joseph J. Kramer, Et Ux	35.0
S45	05-15-6	Joseph J. Kramer, Et Ux	42.5
S46	05-15-6.1	Joseph J. Kramer, Et Ux	39.4
S47	05-15-13	CNX Land Resources Inc.	11.0
S48	05-15-7	Terry D. Rose, Et Ux	4.5
S49	05-15-8	Terry D. Rose, Et Ux	77.11
S50	05-16-3	Donna Vivian Yoho	71.205
S51	05-16-23	CNX Land Resources, Inc.	60.138
S52	05-12-08	Anita Rae Miller (Life)	100.35
S53	05-12-10	Consolidation Coal Company/ Murray Energy	13.76
S54	05-12-10.1	Consolidation Coal Company/ Murray Energy	38.48
S55	05-12-09	Lionel & Mary Lee Persinger	10.15
S56	05-11-1.4	Larry W. Dunlap, Et Al	32.493
S57	05-11-1.1	Larry W. Dunlap & Charles Leroy Dunlap	34.405
S58	05-11-1.2	Jay A. Conner, Et Ux	5.824
S59	05-08-9.1	Scott E. Jackson, Tammy S. South & Marion Jackson	1.957
S60	05-08-09	James B. Jackson Jr., Et Ux	89.723
S61	05-11-02	Walter C. & Cheryl A. Rine	42.367
S62	05-11-2.2	Joshua A. Myers	2.193
S63	05-11-2.1	Walter C. & Cheryl A. Rine	1.19
S64	05-11-3	Kevin R. Corley, Et Ux	13.18
S65	05-11-20	David E. Gray	0.569
S66	05-11-19	David E. Gray	0.532
S67	05-11-18	David E. Gray	0.569
S68	05-11-22	David Gray	0.353
S69	05-11-17.1	David Gray	0.297
S70	05-11-05	Kevin R. Corley, Et Ux	10.36
S71	05-11-5.2	Rickey Lynn & Victoria Rose Cross	1.0
S72	05-11-24	Charles Edward Furbee, Et Ux	0.603
S73	05-11-23	Owen Michael Barr	0.845
S74	05-11-25	Owen Michael Barr	0.598
S75	05-11-16.1	Susan Marie Smith (Life)	0.876
S76	05-11-5.1	James R. Anderson, Et Ux	0.205
S77	05-11-16.3	Kegan Michael Haught (Life)	3.265
S78	05-15-09	CNX Land Resources, Inc.	81.98
S79	05-15-14	John David Petrock, et al	25.0
S80	05-15-02	John David Petrock, et al	5.0
S81	05-15-03	Joseph J. Kramer, et ux	36.10



P.S. 708

David L Jackson

05/07/2021

OPERATOR'S
WELL #: Bryan N-2HM
API #: 47-051-01999
DISTRICT: Franklin
COUNTY: Marshall
STATE: WV

WELL PLAT
PAGE 2 OF 2
DATE: 09/10/2020



TUG HILL
OPERATING