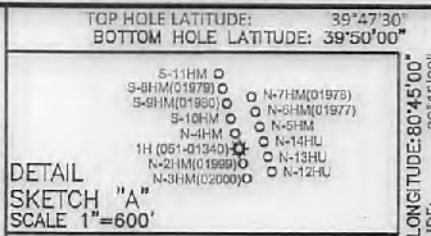
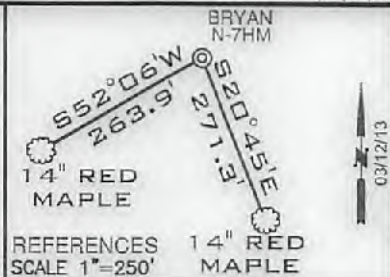
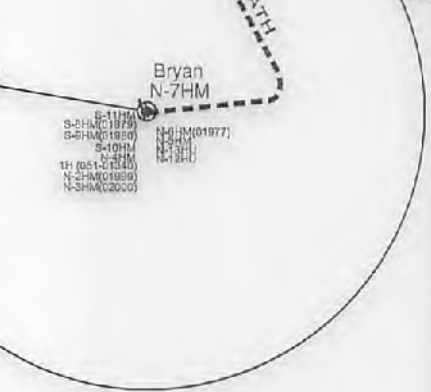
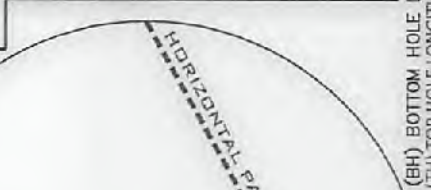


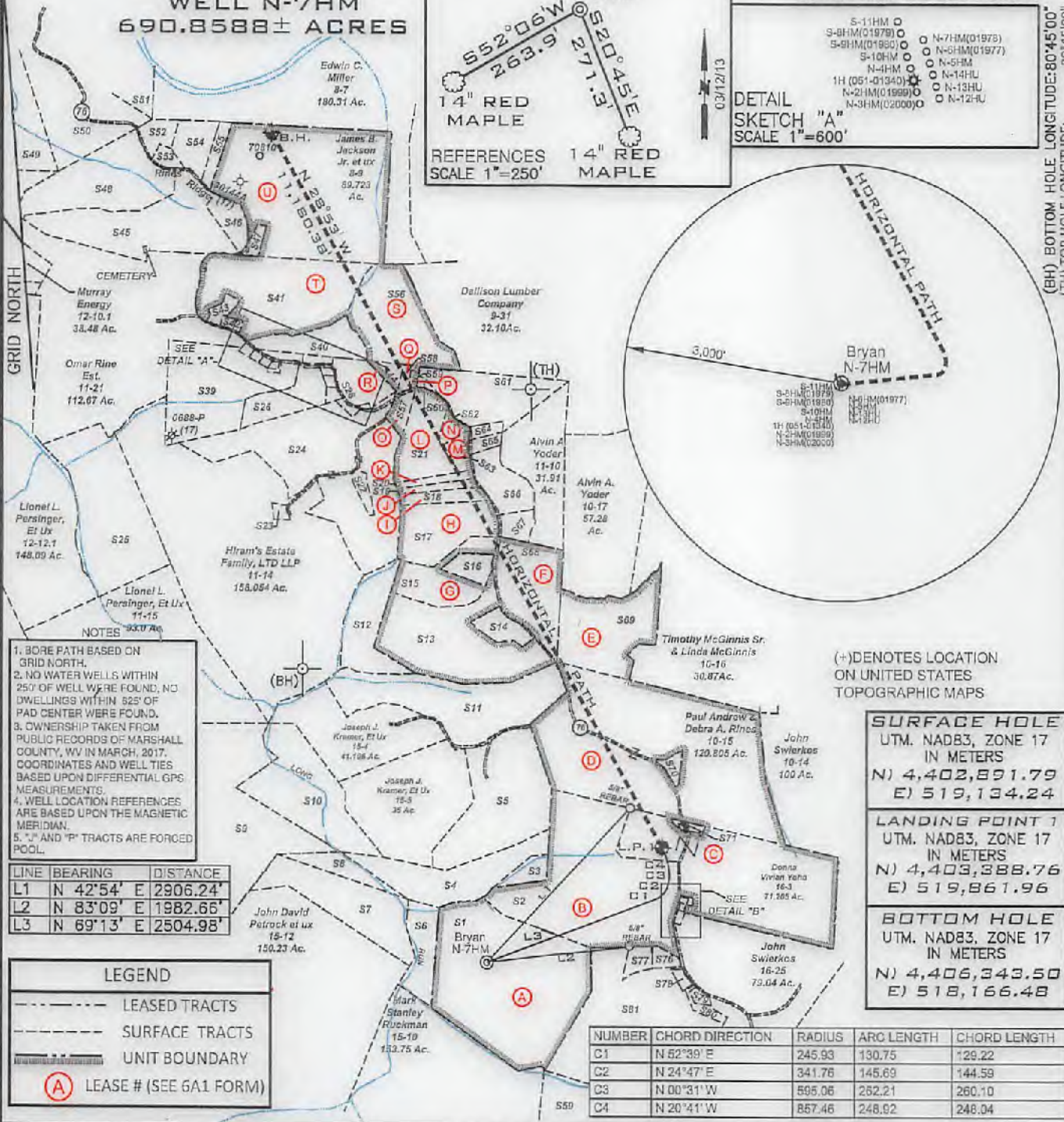
**BRYAN LEASE
WELL N-7HM
690.8588± ACRES**



DETAIL SKETCH "A" SCALE 1"=600'



(+) DENOTES LOCATION ON UNITED STATES TOPOGRAPHIC MAPS



1. BORE PATH BASED ON GRID NORTH.
2. NO WATER WELLS WITHIN 250' OF WELL WERE FOUND, NO DWELLINGS WITHIN 525' OF PAD CENTER WERE FOUND.
3. OWNERSHIP TAKEN FROM PUBLIC RECORDS OF MARSHALL COUNTY, WV IN MARCH, 2017. COORDINATES AND WELL TIES BASED UPON DIFFERENTIAL GPS MEASUREMENTS.
4. WELL LOCATION REFERENCES ARE BASED UPON THE MAGNETIC MERIDIAN.
5. "J" AND "P" TRACTS ARE FORCED POOL.

LINE	BEARING	DISTANCE
L1	N 42°54' E	2906.24'
L2	N 83°09' E	1982.66'
L3	N 69°13' E	2504.98'

LEGEND

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

NUMBER	CHORD DIRECTION	RADIUS	ARC LENGTH	CHORD LENGTH
C1	N 62°39' E	245.93	130.75	129.22
C2	N 24°47' E	341.76	145.69	144.59
C3	N 00°31' W	595.06	282.21	260.10
C4	N 20°41' W	867.46	248.92	248.04

FILE NUMBER _____

DRAWING NUMBER BRYAN_WP_N-7HM

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 1/10/18



JACKSON SURVEYING INC.
P.O. Box 1460
Clarksburg, WV 26302
304-828-6861



DATE: SEPTEMBER 19, 2017

REVISED DATE: JANUARY 10, 2018

OPERATORS WELL NO. BRYAN N-7HM

API WELL NO. 47-051-01978

STATE WV COUNTY Marshall PERMIT 02/09/2018

LOCATION ELEVATION 1191.0' 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) _____

TARGET FORMATION Marcellus ESTIMATED DEPTH TVD: 6,596' TMD: 18,941'

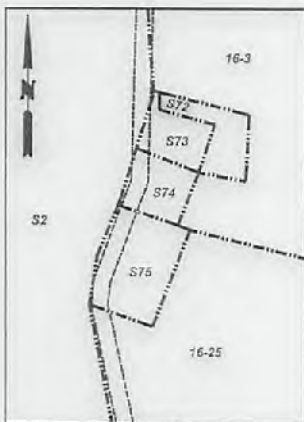
WELL OPERATOR TUG HILL OPERATING, LLC DESIGNATED AGENT DIANNA STAMPER
CT CORPORATION SYSTEM

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

**BRYAN LEASE
WELL N-7HM
690.8588± ACRES**

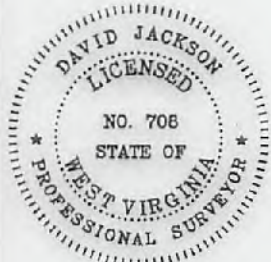


DETAIL "A"
SCALE 1"=500'



DETAIL "B"
SCALE 1"=250'

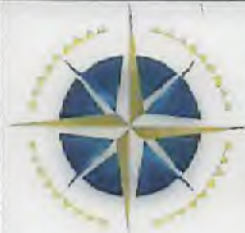
Number	TAX MAP -PARCEL	ADJOINER OWNER	ACRES
S1	15-9	CNX Land Resources, Inc.	81.98
S2	15-8	Terry D. Rose, et ux	77.1
S3	15-7	Terry D. Rose, et ux	4.5
S4	15-6.1	Joseph J. Kramar, et ux	39.40
S5	15-6	Joseph J. Kramar, et ux	42.5
S6	15-13	CNX Land Resources	11.0
S7	15-14	John David Petrock, et ux	25.0
S8	15-2	John David Petrock, et ux	5.0
S9	15-1	Marcus Sharp & David Schlabach	121.0
S10	15-3	Joseph J. Kramar, et ux	36.10
S11	11-12	Joseph J. Kramar, et ux	43.2188
S12	11-13	Joy D. Gartman & Arlin Gatts	12.29
S13	11-11.3	Herman D. & Herman J. Lantz	43.96
S14	11-11.1	Nellie Marie & Robert W. Spencer	5.813
S15	11-11.4	Brad M. & Amanda J. Blake	15.193
S16	11-11	Brad M. & Amanda J. Blake	5.0
S17	11-9	Edwin C. & Kimberly A. Miller	41.773
S18	11-9.9	Leonard L. Parsons, et ux	5.89
S19	11-9.6	Southern Country Farms, Inc	2.488
S20	11-9.5	Southern Country Farms, Inc	2.559
S21	11-9.3	Joseph M. Haught & Steven Haught	16.3
S22	11-16.2	Joseph Haught	2.181
S23	11-14.1	Dennis F. Moore, et ux	1.056
S24	11-16	Keith E. Haught, et al	83.674
S25	12-11	Wesley Bryan & Wesley Bryan II	52.478
S26	11-17.2	Brenda & Michael Bryan	11.504
S27	11-5.1	James R. Anderson, et ux	0.205
S28	11-5	Kevin R. Corley, et ux	10.36
S29	11-16.1	Susan Smith, LE	0.876
S30	11-25	Owen Michael Barr	0.598
S31	11-23	Owen Michael Barr	0.845
S32	11-24	Charles Edward Furbee, et ux	0.603
S33	11-5.2	Rickey & Victoria Cross	1.0
S34	11-17.1	David Gray	0.297
S35	11-22	David Gray	0.353
S36	11-18	David E. Gray	0.569
S37	11-19	David E. Gray	0.532
S38	11-20	David E. Gray	0.569
S39	11-17	Kevin R. Corley, et ux	36.13
S40	11-3	Kevin R. Corley, et al	13.18
S41	11-2	Walter C. Cheryl A. Rine	42.367
S42	11-2.2	Joshua A. Myers	2.193
S43	11-2.1	Walter C. & Cheryl A. Rine	1.19
S44	11-5.3	Robert Harris Arrick, et ux	3.0
S45	11-1.1	Larry W. Dunlap, et al	34.405
S46	11-1.2	Jay A. Conner, et ux	5.824
S47	8-9.1	Scott E. Jackson, Tammy S. South & Marlon Jackson	1.957
S48	11-1.4	Larry W. Dunlap, et al	32.493
S49	7-39	Lionel L. Persinger, et ux	57.0
S50	7-33	William N. Roupe	24.60
S51	7-31	William N. Roupe	43.147
S52	11-1	William N. & Virginia A. Roupe	4.527
S53	11-1.6	Debra Morris	2.093
S54	11-1.7	William S. & Mary K. Adams	8.0
S55	11-1.5	Paul White	3.507
S56	11-4	David H. Arrick, et ux	31.5
S57	11-16.3	Kegan Michael Haught - Life	3.265
S58	11-6	Robert & Rebecca Arrick	1.29
S59	11-7	Baptist Cemetery	1.0
S60	11-8	Baptist Church	0.8
S61	11-9	Edwin C. & Kimberly A. Miller	41.773
S62	11-9.10	John A. & Janet L. Beucke	2.348
S63	11-9.2	Michael R. Bryan	3.143
S64	11-9.8	Sean F. Moore	2.070
S65	11-9.7	Sean F. Moore	2.026
S66	11-9.1	Jack Shepard Huggins Jr., et al	10.92
S67	11-9.4	Jack S. Huggins, et al	4.129
S68	11-11.2	Wesley R. Bryan & Wesley R. Bryan II	25.031
S69	10-16.4	Melvin E. Ferguson & Elizabeth Ferguson	30.87
S70	10-15.1	Donald T. Miller	2.095
S71	16-3.2	Jimmy Lee Ostrander Jr., Sheena Lynn Ostrander & Brody Ray Ostrander	1.435
S72	16-3.1	Dennis E. Jackson, et ux	0.27
S73		Cemetery - No Deed	
S74	16-2	Christian Church	0.19
S75	16-1	Christian Church	0.50
S76	16-23.1	Ray E. Minor, et ux	2.0
S77	16-23.4	Michael R. & Brenda K. Bryan	3.0
S78	16-23.3	Greg & Christina Riddle	1.0
S79	16-24	Alan M. Beyser, et ux	1.083
S80	16-23.2	Alan M. Beyser, et ux	1.726
S81	16-23	CNX Land Resources, Inc.	60.138



P.S.
708

David L Jackson

02/09/2018



**TUG HILL
OPERATING**

OPERATOR'S
WELL #: Bryan N-7HM
DISTRICT: Franklin
COUNTY: Marshall
STATE: WV

WELL PLAT
PAGE 2 OF 2
DATE: 9/19/2017
REVISED DATE:
1/10/18