

FILE NUMBER _____

DRAWING NUMBER BRYAN_WP_N-12HU

SCALE 1" = 2000'

MINIMUM DEGREE OF ACCURACY 1/200

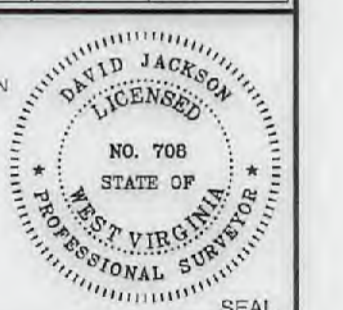
PROVEN SOURCE OF ELEVATION SUBMETER MAPPING
GRADE GPS

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
Clarkeburg, WV 26302
304-623-5861



WVDEP
OFFICE OF OIL & GAS
601 57TH STREET, SE
CHARLESTON, WV 25304

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

LOCATION ELEVATION 1191.0' WATERSHED (HUC 10) Fish Creek

DISTRICT Franklin COUNTY Marshall

QUADRANGLE Powhatan Point 7.5' LEASE NUMBER SEE WW-6A1 ROYALTY OWNERS

SURFACE OWNER CNX LAND RESOURCES, INC. ACREAGE 81.98

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

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

TARGET FORMATION Point Pleasant ESTIMATED DEPTH TVD: 11,393' TMD: 23,269'

WELL OPERATOR TUG HILL OPERATING, LLC DESIGNATED AGENT DIANNA STAMPER
1320 SOUTH UNIVERSITY DRIVE, SUITE 500 CT CORPORATION SYSTEM
FORT WORTH, TX 76107 5400 D BIG TYLER ROAD
CHARLESTON, WV 25313

DATE: DECEMBER 22, 2017

REVISED DATE: MARCH 27, 2018

OPERATORS WELL NO. BRYAN N-12HU

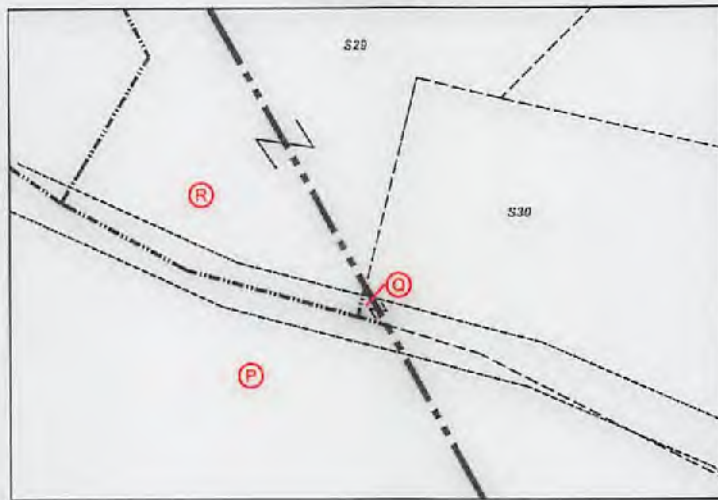
API WELL NO. 47-051-02029 HGA

STATE WV COUNTY Marshall PERMIT _____

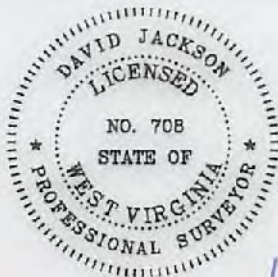
form wv6

PG 2 OF 3
BRYAN LEASE
UTICA UNIT - 387.8213 AC±
WELL N-12HU
TUG HILL OPERATING

Detail "A"



Number	TAX MAP -PARCEL	SURFACE OWNER	ACRES	Number	TAX MAP -PARCEL	SURFACE OWNER	ACRES
S1	15-9	CNX Land Resources	81.98	S45	11-5.1	James R. Anderson et ux	0.205
S2	15-13	CNX Land Resources	11.0	S46	11-5	(Part of S30) Kevin R. Corley et ux	10.36
S3	15-14	John David Petrock et ux	25.0	S47	11-5.3	Robert Harris Arrick et ux	3.0
S4	15-6.1	Joseph J. Kramar, et ux	39.40	S48	11-6	Robert & Rebecca Arrick	1.29
S5	15-2	John David Petrock et ux	5.0	S49	11-16.3	Kegan Michael Haught - Life	3.265
S6	15-1	Marcus Sharp & David Schlabach	121.0	S50	11-7	Baptist Cemetary	1.0
S7	15-5	Joseph J. Kramar, et ux	35.0	S51	11-8	Baptist Church	0.8
S8	15-3	Joseph J. Kramar et ux	36.10	S52	11-16.2	Joseph Haught	2.181
S9	15-4	Joseph J. Kramar, et ux	41.106	S53	11-13	Joy D. Gartman & Arlin Gatts	12.29
S10	11-14	Hiram's Est. Family LTD LLP	158.054	S54	11-9.3	Joseph M. Haught & Steven Haught	16.3
S11	12-11	Wesley Bryan & Wesley Bryan II	52.478	S55	11-9.5	Southern Country Farms, Inc	2.559
S12	11-21	Omar Rine, Est.	112.67	S56	11-9.6	Southern Country Farms, Inc	2.488
S13	12-12	Lionel L. Persinger et ux	45.0	S57	11-9.9	Leonard L. Parsons, et ux	5.89
S14	12-10	Murray Energy	13.76	S58	11-9	Edwin C. & Kimberly A. Miller	41.773
S15	12-10.1	Murray Energy	38.48	S59	11-11.4	Brad M. & Amanda J. Blake	15.193
S16	12-9	Lionel & Mary Lee Persinger	10.15	S60	11-11	Brad M. & Amanda J. Blake	5.0
S17	7-39	Lionel L. Persinger et ux	57.0	S61	11-11.3	Herman D. Lantz & Herman J. Lantz	43.96
S18	7-33	William N. Roupe	24.60	S62	11-11.1	Nellie Marie & Robert W. Spencar	5.813
S19	7-31	William N. Roupe	43.147	S63	11-9	(Part of S49) Edwin C. & Kimberly A. Miller	41.773
S20	11-1	William N. & Virginia A. Roupe	4.527	S64	11-9.10	John A. & Janet L. Betocke	2.348
S21	11-1.4	Larry W. Dunlap, et al	32.498	S65	11-9.2	Michael R. Bryan	3.143
S22	11-1.1	Larry W. Dunlap, et al	34.405	S66	11-9.8	Sean F. Moore	2.070
S23	11-1.6	Debra Morris	2.093	S67	11-9.7	Sean F. Moore	2.026
S24	11-1.7	William S. & Mary K. Adams	8.0	S68	11-9.1	Jack Shephard Huggins Jr., et al	10.92
S25	11-1.5	Paul & Sandy Whitt	3.507	S69	11-9.4	Jack S. Huggins et al	4.129
S26	11-1.3	Jay A. Conner, et ux	4.256	S70	11-11.2	Wesley R. Bryan & Wesley R. Bryan II	25.031
S27	11-1.2	Jay A. Conner, et ux	5.824	S71	10-16.4	Elizabeth & Meivin E. Ferguson Jr.	30.87
S28	8-9.1	Scott E. Jackson, Tammy S. South & Marion Jackson	1.957	S72	10-15.1	Donald T. Miller	2.095
S29	11-2.1	Walter C. & Cheryl A. Rine	1.19	S73	11-12	Joseph J. Kramar, et ux	43.2188
S30	11-2.2	Joshua A. Myers	2.193	S74	15-6	Joseph J. Kramar, et ux	42.5
S31	11-20	David E. Gray	0.569	S75	WITHIN 11-1.1	Cemetary	
S32	11-19	David E. Gray	0.532	S76	15-7	Terry D. Rose, et ux	4.5
S33	11-18	David E. Gray	0.569	S77	15-8	Terry D. Rose, et ux	77.11
S34	11-22	David E. Gray	0.353	S78	16-3.2	Jimmy Lee Ostrander Jr., Shaena Lynn Ostrander, & Brody Ray Ostrander	1.435
S35	11-17.1	David Gray	0.297	S79	16-3.1	Dennis E. Jackson, et ux	0.27
S36	11-17	Kevin R. Corley, et ux	36.13	S80	16-2	Christian Church	0.19
S37	11-17.2	Brenda & Michael Bryan	11.504	S81	16-1	Christian Church	0.50
S38	11-5	Kevin R. Corley et ux	10.36	S82	16-23.1	Ray E. Minor, et ux	2.0
S39	11-3	Kevin R. Corley et ux	13.18	S83	16-23.4	Michael R. & Brenda K. Bryan	3.0
S40	11-5.2	Ricky Lynn & Victoria Rose Cross	1.0	S84	16-23	CNX Land Resources, Inc.	60.138
S41	11-24	Charles Edward Furbee et ux	0.603	S85	16-23.3	Greg & Christina Riddle	1.0
S42	11-23	Owen Michael Barr	0.845	S86	16-24	Alan M. Beyser, et ux	1.083
S43	11-25	Owen Michael Barr	0.598	S87	11-14.1	Dennis F. Moore, et ux	1.056
S44	11-16.1	Susan Marie Smith - Life	0.876				



47-051-02029H6A
 P.S. 708 *David L Jackson*



TUG HILL
OPERATING

OPERATOR'S
 WELL #: Bryan N-12HU
 DISTRICT: Franklin
 COUNTY: Marshall
 STATE: WV

WELL PLAT
 PAGE 2 OF 3
 DATE: 12/22/2017
 REVISED DATE:
03/27/2018