

State of West Virginia
Department of Environmental Protection - Office of Oil and Gas
Well Operator's Report of Well Work

API 47-051-01999 County Marshall District Franklin
Quad Powhatan Point 7.5' Pad Name Bryan Field/Pool Name _____
Farm name CNX Land Resources, Inc. Well Number Bryan N-2HM
Operator (as registered with the OOG) Tug Hill Operating, LLC
Address 380 Southpointe Boulevard, Plaza II, Suite 200 City Canonsburg State PA Zip 15317

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 4,402,875.60 Easting 519,132.37
Landing Point of Curve Northing 4,402,726.64 Easting 518,731.59
Bottom Hole Northing 4,405,627.12 Easting 516,962.44

Elevation (ft) 1191.6' GL Type of Well New Existing Type of Report Interim Final
Permit Type Deviated Horizontal Horizontal 6A Vertical Depth Type Deep Shallow
Type of Operation Convert Deepen Drill Plug Back Redrilling Rework Stimulate
Well Type Brine Disposal CBM Gas Oil Secondary Recovery Solution Mining Storage Other _____
Type of Completion Single Multiple Fluids Produced Brine Gas NGL Oil Other _____
Drilled with Cable Rotary

Drilling Media Surface hole Air Mud Fresh Water Intermediate hole Air Mud Fresh Water Brine
Production hole Air Mud Fresh Water Brine

Mud Type(s) and Additive(s)
SOBM; Base oil, osmotic inhibitor, weighting agent, viscosifier, emulsifier, hardness buffer, fluid loss additive, LCM, Shale inhibitor, de-foamer, soaping agent, coagulant, flocculant; specific additives per WSSP and Permit.

Date permit issued 2/28/2018 Date drilling commenced 12/8/2018 Date drilling ceased 12/26/2018
Date completion activities began 3/8/2020 Date completion activities ceased 4/1/2020
Verbal plugging (Y/N) N Date permission granted n/a Granted by n/a

Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug

Freshwater depth(s) ft 831' Open mine(s) (Y/N) depths N
Salt water depth(s) ft 1595' Void(s) encountered (Y/N) depths N
Coal depth(s) ft N Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

Reviewed by: _____

05/07/2021

API 47-051 - 01999 Farm name CNX Land Resources, Inc. Well number Bryan N-2HM

CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft	Basket Depth(s)	Did cement circulate (Y/N) * Provide details below*
Conductor	36"	30"	120'	NEW	94.5#	N/A	Y
Surface	17 1/2"	13 3/8"	934'	NEW	54.5#	N/A	Y
Coal	17 1/2"	13 3/8"	934'	NEW	54.5#	N/A	Y
Intermediate 1	12 1/4"	9 5/8"	2,625'	NEW	36#	N/A	Y
Intermediate 2							
Intermediate 3							
Production	8 3/4"	5 1/2"	18,240'	NEW	20#	N/A	Y
Tubing		2 3/8"	9,120'	NEW	4.7#	N/A	Y
Packer type and depth set							

Comment Details _____

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft ³ /sks)	Volume (ft ³)	Cement Top (MD)	WOC (hrs)
Conductor	A		15.6	1.19		0	8
Surface	A	2200	15.6	1.19	2751	0	8
Coal	A	2200	15.6	1.19	2751	0	8
Intermediate 1	A	897	15.6	1.19	1235	0	8
Intermediate 2							
Intermediate 3							
Production	A	4270	14.5	1.17	5014	0	8
Tubing							

Drillers TD (ft) 18,288' Loggers TD (ft) n/a
 Deepest formation penetrated Marcellus Plug back to (ft) n/a
 Plug back procedure n/a

Kick off depth (ft) 5,898'

Check all wireline logs run caliper density deviated/directional induction
 neutron resistivity gamma ray temperature sonic

Well cored Yes No Conventional Sidewall Were cuttings collected Yes No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING 3 centralizers on surface casing at equal distance.

Intermediate - 1 centralizer every other joint.

Production - one centralizer every other joint in lateral, one centralizer every joint through curve, one centralizer every other joint to surface.

WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS _____

WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS _____

WERE TRACERS USED Yes No TYPE OF TRACER(S) USED _____

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API 47- 051 - 01999 Farm name CNX Land Resources, Inc. Well number Bryan N-2HM

PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
	see attached				

Please insert additional pages as applicable.

STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

Stage No.	Stimulations Date	Ave Pump Rate (BPM)	Ave Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbis)	Amount of Nitrogen/other (units)
	attached							

Please insert additional pages as applicable.

05/07/2021

API 47- 051 - 01999 Farm name CNX Land Resources, Inc. Well number Bryan N-2HM

<u>PRODUCING FORMATION(S)</u>	<u>DEPTHS</u>		
MARCELLUS	6496' - 6360'	TVD	7023' - 18288' MD

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

SHUT-IN PRESSURE Surface 1300 psi Bottom Hole _____ psi DURATION OF TEST 24 hrs

OPEN FLOW Gas Oil NGL Water GAS MEASURED BY
0 mcfpd 0 bpd 0 bpd 600 bpd Estimated Orifice Pilot

LITHOLOGY/ FORMATION	TOP	BOTTOM	TOP	BOTTOM	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H ₂ S, ETC)
	DEPTH IN FT NAME TVD	DEPTH IN FT TVD	DEPTH IN FT MD	DEPTH IN FT MD	
	<u>0</u>		<u>0</u>		
see attached					

Please insert additional pages as applicable.

Drilling Contractor Precision
Address 10350 Richmond Avenue, Suite 700 City Houston State TX Zip 77042

Logging Company n/a
Address _____ City _____ State _____ Zip _____

Cementing Company BJ Cementing Services
Address 4000 Town Center Boulevard City Canonsburg State PA Zip 15317

Stimulating Company PRO-FRAC
Address 333 Shops Boulevard City Willow Park State TX Zip 76087

Please insert additional pages as applicable.

Completed by Amy L. Miller Telephone 304-376-0111
Signature [Signature] Title Permitting Specialist Date 8-12-2020

Submission of Hydraulic Fracturing Chemical Disclosure Information Attach copy of FRACFOCUS Registry

05/07/2021

Bryan N-2HM
PEFORATION RECORD

Stage No.	Perforation Date	Perforated from MD ft.	Perforated to MD. Ft.	Number of Perforations	Formation(s)
1	3/8/2020	18097	18146	16	Marcellus
2	3/8/2020	17897	18043	48	Marcellus
3	3/9/2020	17723	17869	48	Marcellus
4	3/9/2020	17548	17694	48	Marcellus
5	3/9/2020	17374	17520	48	Marcellus
6	3/10/2020	17199	17345	48	Marcellus
7	3/10/2020	17025	17171	48	Marcellus
8	3/11/2020	16850	16996	48	Marcellus
9	3/13/2020	16676	16822	48	Marcellus
10	3/13/2020	16501	16647	48	Marcellus
11	3/14/2020	16327	16473	48	Marcellus
12	3/14/2020	16152	16298	48	Marcellus
13	3/15/2020	15978	16124	48	Marcellus
14	3/15/2020	15803	15949	48	Marcellus
15	3/16/2020	15629	15775	48	Marcellus
16	3/16/2020	15454	15600	48	Marcellus
17	3/17/2020	15280	15426	48	Marcellus
18	3/17/2020	15105	15251	48	Marcellus
19	3/18/2020	14931	15077	48	Marcellus
20	3/18/2020	14756	14902	48	Marcellus
21	3/19/2020	14582	14728	48	Marcellus
22	3/19/2020	14407	14553	48	Marcellus
23	3/20/2020	14233	14379	48	Marcellus
24	3/20/2020	14058	14204	48	Marcellus
25	3/21/2020	13884	14030	48	Marcellus
26	3/21/2020	13709	13855	48	Marcellus
27	3/22/2020	13535	13681	48	Marcellus
28	3/22/2020	13360	13506	48	Marcellus
29	3/23/2020	13186	13332	48	Marcellus
30	3/23/2020	13011	13157	48	Marcellus
31	3/23/2020	12837	12983	48	Marcellus
32	3/23/2020	12662	12808	48	Marcellus
33	3/23/2020	12488	12634	48	Marcellus
34	3/24/2020	12313	12459	48	Marcellus
35	3/24/2020	12139	12285	48	Marcellus
36	3/24/2020	11964	12110	48	Marcellus
37	3/24/2020	11790	11936	48	Marcellus
38	3/24/2020	11615	11761	48	Marcellus
39	3/24/2020	11441	11587	48	Marcellus
40	3/25/2020	11266	11412	48	Marcellus
41	3/25/2020	11092	11238	48	Marcellus

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42	3/25/2020	10917	11063	48	Marcellus
43	3/25/2020	10743	10889	48	Marcellus
44	3/25/2020	10568	10714	48	Marcellus
45	3/26/2020	10394	10540	48	Marcellus
46	3/26/2020	10219	10365	48	Marcellus
47	3/26/2020	10045	10191	48	Marcellus
48	3/26/2020	9870	10016	48	Marcellus
49	3/26/2020	9696	9842	48	Marcellus
50	3/27/2020	9521	9667	48	Marcellus
51	3/27/2020	9347	9493	48	Marcellus
52	3/27/2020	9172	9318	48	Marcellus
53	3/27/2020	8998	9144	48	Marcellus
54	3/30/2020	8823	8969	48	Marcellus
55	3/30/2020	8649	8795	48	Marcellus
56	3/30/2020	8474	8620	48	Marcellus
57	3/30/2020	8300	8446	48	Marcellus
58	3/30/2020	8125	8271	48	Marcellus
59	3/30/2020	7951	8097	48	Marcellus
60	3/31/2020	7776	7922	48	Marcellus
61	3/31/2020	7602	7748	48	Marcellus
62	3/31/2020	7427	7573	48	Marcellus
63	3/31/2020	7311	7399	48	Marcellus
64	3/31/2020	7194	7283	48	Marcellus
65	4/1/2020	7020	7166	48	Marcellus

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STIMULATION INFORMATION PER STAGE

Stage No.	Ave. Pump Rate (BPM)	Ave Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbls)	Amount of Nitrogen/other (units)
1	88	7366	5411	3919	248220	9322	0
2	88	7526	4908	4141	444300	8651	0
3	88	7601	4722	4842	441449	8425	0
4	89	7401	4797	4382	442715	8524	0
5	88	7531	4532	4965	444247	8635	0
6	88	7508	4841	4567	439004	8443	0
7	89	7369	4929	5005	440113	8425	0
8	89	7599	5420	4566	440348	8357	0
9	90	7408	4957	4271	440171	8506	0
10	89	7368	4906	4345	442284	8689	0
11	89	7394	4698	4896	440312	8410	0
12	90	7435	4867	4461	440565	8534	0
13	90	7492	4922	5254	439784	8405	0
14	91	7509	4871	4611	440335	8337	0
15	90	7381	5006	5000	440413	8343	0
16	89	7286	4886	4925	440457	8307	0
17	89	7251	5188	4791	440084	8850	0
18	90	7194	5015	4409	439630	8324	0
19	90	7164	5145	4415	440343	8270	0
20	90	7425	4680	4995	439976	8285	0
21	90	7489	4743	4723	439989	8357	0
22	90	7441	4920	4692	440017	8293	0
23	90	7477	4953	4307	439524	8222	0
24	90	7324	5071	4189	440370	8224	0
25	90	7344	5090	4509	441268	8259	0
26	90	7261	5058	4821	439973	8212	0
27	90	7282	5141	4481	440044	8225	0
28	90	7227	5343	4917	441232	8226	0
29	90	7303	4971	4982	440403	8203	0
30	90	7263	5557	4617	439173	8216	0
31	89	7194	5133	4103	438795	8198	0
32	88	7087	4642	4770	437799	8128	0

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Stage No.	Ave. Pump Rate (BPM)	Ave Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbls)	Amount of Nitrogen/other (units)
33	89	7022	4735	4582	440143	8062	0
34	89	7086	5328	4476	441190	8249	0
35	90	7063	5492	4429	440912	8096	0
36	90	6964	4888	4823	440183	8096	0
37	90	7008	5409	4806	439870	8133	0
38	88	6965	5350	4705	440018	8071	0
39	90	6984	5491	4337	442484	8106	0
40	89	6952	5201	5126	441091	8200	0
41	90	6981	5324	4441	441156	8155	0
42	90	6638	5544	4604	440022	8058	0
43	90	6813	4959	4337	436702	7878	0
44	90	6826	5426	4316	440707	7971	0
45	90	6652	5478	3881	440470	8014	0
46	90	6669	5671	4245	440350	8056	0
47	90	6651	5275	4386	440017	8207	0
48	90	6528	5616	4726	440010	8048	0
49	90	6416	5631	4350	440285	8007	0
50	90	6390	5653	4672	440244	7978	0
51	90	6444	5847	4320	439814	7986	0
52	90	6317	5315	4811	439961	7950	0
53	90	6553	5652	4139	440237	8235	0
54	90	6544	5737	4348	440121	7994	0
55	91	6621	5275	4803	439404	7943	0
56	90	6621	5581	4581	440600	8720	0
57	89	6522	5999	5223	440124	7833	0
58	89	6318	5877	4874	441799	7275	0
59	90	6245	5661	5183	440303	7181	0
60	90	6370	5682	4874	440164	7247	0
61	90	6229	5493	4814	440134	7229	0
62	90	6244	5653	4075	440397	7258	0
63	90	6248	5123	5561	440699	7204	0
64	90	6292	5151	4491	440164	7148	0
65	90	6247	5743	4442	440243	7194	0

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BRYAN N-2HM

LITHOLOGY/FORMATION	TOP DEPTH IN FT/ Name TVD	BOTTOM DEPTH IN FT TVD	TOP DEPTH IN FT MD	BOTTOM DEPTH IN FT MD	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID
Maxton	1897	1987	1898	1989	Sandstone
Big Lime	1987	2057	1989	2059	Limestone
Big Injun	2057	2341	2059	2344	Sandstone
Weir	2341	2536	2344	5395	Sandstone
Berea	2536	2881	5395	2884	Sandstone
Gordon	2881	2935	2884	2938	Sandstone
Fifty Foot	2935	3483	2938	3491	Sandstone
Speechley	3483	4905	3491	5030	Sandstone
Benson	4905	5260	5030	5422	Sandstone
Alexander	5260	5854	5422	6067	Siltstone
Rhinestreet	5854	6288	6067	6578	Black shale
Middlesex	6288	6360	6578	6683	Black shale
Geneseo/Burkett	6360	6385	6683	6721	Black shale
Tully	6385	6417	6721	6775	Limestone
Hamilton	6417	6464	6775	6879	Grey shale
Marcellus	6464	-	6879	-	Black shale

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Hydraulic Fracturing Fluid Product Component Information Disclosure



Job Start Date:	3/8/2020
Job End Date:	4/1/2020
State:	West Virginia
County:	Marshall
API Number:	47-051-01999-00-00
Operator Name:	Tug Hill Operating, LLC
Well Name and Number:	Bryan N 2HM
Latitude:	39.77560007
Longitude:	-80.77659120
Datum:	NAD27
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	6,431
Total Base Water Volume (gal):	22,200,647
Total Base Non Water Volume:	0

Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Service Abstract Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
Water	Tug Hill Operating	Carrier/Base Fluid	Water	7732-18-5	100.00000	86.32130	None
Sand (40/70 White Proppant)	ProFrac	Proppant	Silica Substrate	14808-60-7	100.00000	10.13499	None
Sand (100 Mesh Proppant)	ProFrac	Proppant	Silica Substrate	14808-60-7	100.00000	3.11313	None
Hydrochloric Acid (7.5%)	PVS	Acidizing	Water	7732-18-5	85.00000	0.27376	None
SlimStream FR 9800	Chemstream	Friction Reducer	Hydrochloric Acid (Hydrogen Chloride)	7647-01-0	37.00000	0.11917	None
			Butene, homopolymer	9003-29-6	25.00000	0.01514	None
			Alkanes, C16-20-iso-	90622-59-6	25.00000	0.01514	None
			Ethoxylated alcohols (C12-18)	68213-23-0	3.00000	0.00182	None
MC MX 9-4743	Multi-Chem	Biocide	Sodium Nitrate	7631-99-4	60.00000	0.02233	None
LD-7750W	Multi-Chem	Scale Inhibitor					

			Methanol	67-56-1	60.00000	0.00508	None
			Phosphonic Acid Salt	Proprietary	5.00000	0.00042	None
ProFE 105	ProFrac	Iron Control					
			Citric Acid	77-92-9	100.00000	0.00123	None
ProHib 100	ProFrac	Acid Inhibitor					
			2-Propyn-1-ol compound w/ methylloxirane	38172-91-7	15.00000	0.00015	None
Ingredients shown above are subject to 29 CFR 1910.1200(j) and appear on Material Safety Data Sheets (MSDS). Ingredients shown below are Non-MSDS.							
Other Chemical(s)	Listed Above	See Trade Name(s) List					
			Water	7732-18-5	85.00000	0.27376	
			Butene, homopolymer	9003-29-6	25.00000	0.01514	
			Ethoxylated alcohols (C12-18)	38213-23-0	3.00000	0.00182	
			Phosphonic Acid Salt	Proprietary	5.00000	0.00042	

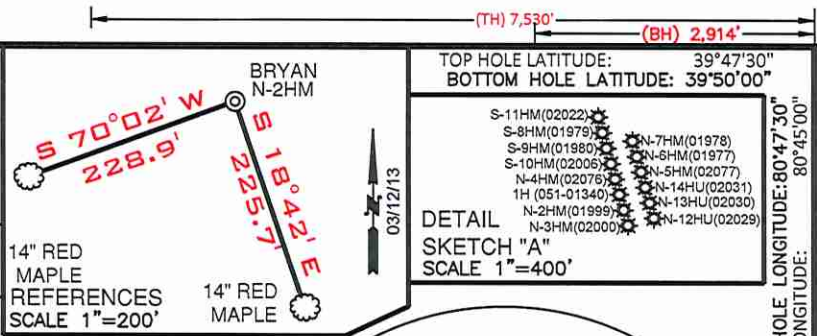
* Total Water Volume sources may include fresh water, produced water, and/or recycled water

** Information is based on the maximum potential for concentration and thus the total may be over 100%

Note: For Field Development Products (products that begin with FDP), MSDS level only information has been provided.
Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)

NOTE: PERMITTED COORDINATES ARE ON PAGE 2.

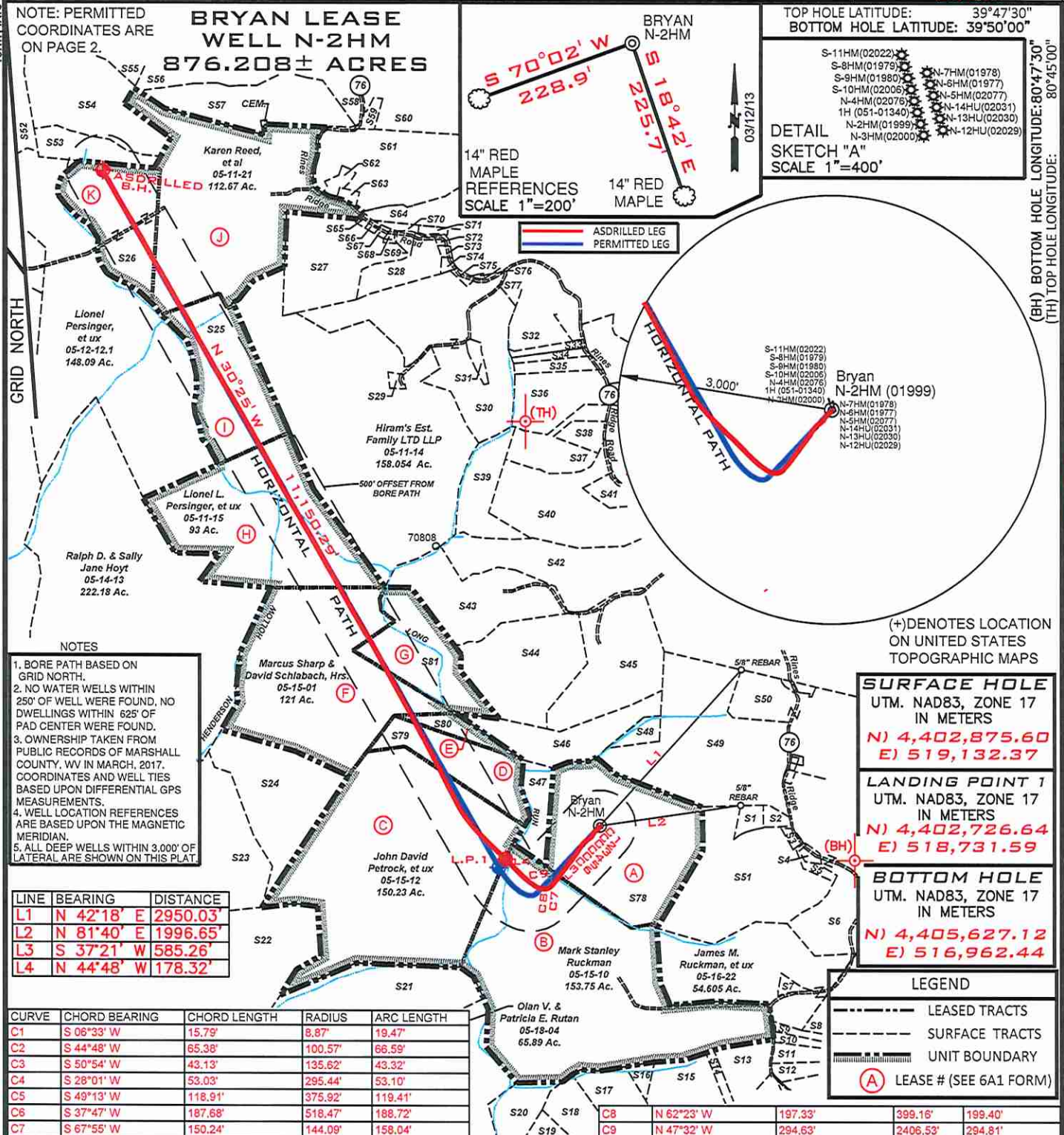
BRYAN LEASE WELL N-2HM
876.208± ACRES



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-14HM(02031)
- N-13HU(02030)
- N-12HU(02029)

DETAIL SKETCH "A"
SCALE 1"=400'



- NOTES
1. BORE PATH BASED ON GRID NORTH.
 2. NO WATER WELLS WITHIN 250' OF WELL WERE FOUND, NO DWELLINGS WITHIN 625' 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. 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
- (A) LEASE # (SEE 6A1 FORM)

FILE NUMBER _____

DRAWING NUMBER BRYAN_N-2HM_REV_4

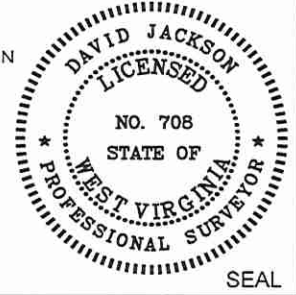
SCALE 1" = 2000'

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

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

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

05/07/2021

COUNTY NAME PERMIT

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

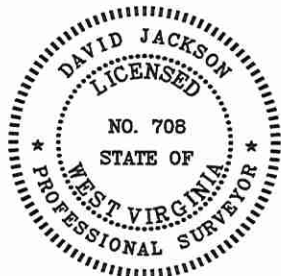
GRID NORTH

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