

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

PM

API 47-017-06413H6A County Doddridge District Southwest
Quad Oxford 7.5' Pad Name OXFD11HS Field/Pool Name Oxford
Farm Name MORRIS, I. L. Well Number OXFD11EHS
Operator (as registered with the OOG) CNX Gas Company LLC
Address P.O. Box 1248 City Jane Lew State WV Zip 26378

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top Hole Northing 4,335,760.00 m Easting 520,432.00 m
Landing Point of Curve Northing 4,336,068.66 m Easting 520,853.80 m
Bottom Hole Northing 4,338,248.07 m Easting 520,010.07 m

Elevation (ft) 1340' 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

Drilled 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)

Mineral Oil Based Mud, Bactericide, Polymers and Weighting Agents.

Date Permit Issued 02/12/2014 Date drilling commenced 07/15/2014 Date drilling ceased 10/17/2014
Date completion activities began 02/27/2015 Date completion activities ceased 03/30/2015
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 50', 620' Open mine(s) (Y/N) depths N
Salt water depth(s) ft 1,645' Void(s) encountered (Y/N) depths N
Coal depth(s) ft None Reported Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

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Reviewed by:
Gorr, Kevin
KG

10/09/2015

API 47-017-06413H6A Farm name MORRIS, I. L. Well number OXFD11EHS

CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft	Basket Depth(s)	Did cement Circulate (Y/N) * Provide details to the right *
Conductor	24"	20"	100'	N	J-55 94# / 100'	N/A	Y
Surface	17 1/2"	13 3/8"	1224'	N	J-55 54.5# / 1224'	N/A	Y
Coal	-	-	-	-	-	-	-
Intermediate 1	12 1/4"	9 5/8"	2810'	N	J-55 36# / 2810'	N/A	Y
Intermediate 2	-	-	-	-	-	-	-
Intermediate 3	-	-	-	-	-	-	-
Production	8 3/4"	5 1/2"	15569'	N	P-110 20# / 15569'	N/A	N
Tubing	5 1/2"	2 3/8"	7383.1'	N	P-110 4.7# / 7383.1'	N/A	N
Packer Type and Depth Set		None					

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	Class A	127	15.2	1.18	150	Surface	24
Surface	Class A	985	15.6	1.18	1162	Surface	8
Coal	-	-	-	-	-	-	-
Intermediate 1	Class A	933	15.6	1.2	1120	Surface	8
Intermediate 2	-	-	-	-	-	-	-
Intermediate 3	-	-	-	-	-	-	-
Production	Class A (Lead) / Class A (Tail)	765 / 2170	14.2 / 14.8	1.24 / 1.25	948 / 2712	940'	8
Tubing	-	-	-	-	-	-	-

Drillers TD (ft) 6937' Loggers TD (ft) 6923'
 Deepest formation penetrated: Marcellus Plug back to (ft) N/A
 Plug back procedure: N/A

Kick Off Depth (ft) 2900'

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 _____
Conductor - No centralizers used. Fresh Water - Bow spring centralizers on first joint then every fourth joint to 100 feet from surface.
Intermediate - Bow spring centralizers one on the first two joints and every fourth joint until inside surface casing. Production - Rigid bow spring centralizer on first joint then every 2 casing joints (free floating) through the lateral and the curve. (Note: cementing the 5 1/2" casing completely in open hole lateral and curve.)

WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS Plug and Perforation Shot Hole

WAS WELL COMPLETED OPEN HOLE Yes No DETAILS _____

WERE TRACERS USE Yes No TYPES OF TRACER(S) USED _____

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API 47-017-06413H6A

Farm name MORRIS, I. L.

Well number OXFD11EHS

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	Avg Pump Rate (BPM)	Avg Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbls)	Amount of Nitrogen / other (gals)
								See Attached

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Please insert additional pages as applicable.

PERFORATION RECORD

Stage	No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number Of Perforations	Formation(s)
1	1	2/27/2015	15510	15508	12	Marcellus
2	2	2/28/2015	15443	15300	40	Marcellus
3	3	2/28/2015	15266	15123	40	Marcellus
4	4	2/28/2015	15089	14946	40	Marcellus
5	5	3/1/2015	14912	14769	40	Marcellus
6	6	3/1/2015	14735	14592	40	Marcellus
7	7	3/1/2015	14558	14415	40	Marcellus
8	8	3/2/2015	14381	14238	40	Marcellus
9	9	3/2/2015	14204	14061	40	Marcellus
10	10	3/3/2015	14027	13884	40	Marcellus
11	11	3/3/2015	13850	13707	40	Marcellus
12	12	3/3/2015	13673	13530	40	Marcellus
13	13	3/4/2015	13496	13354	40	Marcellus
14	14	3/4/2015	13319	13176	40	Marcellus
15	15	3/6/2015	13142	12999	40	Marcellus
16	16	3/7/2015	12965	12822	40	Marcellus
17	17	3/11/2015	12788	12533	80	Marcellus
18	18	3/18/2015	12500	12359	40	Marcellus
19	19	3/18/2015	12327	12186	40	Marcellus
20	20	3/18/2015	12260	12013	40	Marcellus
21	21	3/20/2015	11981	11840	40	Marcellus
22	22	3/21/2015	11808	11667	64	Marcellus
23	23	3/22/2015	11635	11494	40	Marcellus
24	24	3/22/2015	11462	11321	40	Marcellus
25	25	3/23/2015	11289	11148	40	Marcellus
26	26	3/23/2015	11116	10975	40	Marcellus
27	27	3/24/2015	10943	10802	40	Marcellus
28	28	3/24/2015	10770	10636	40	Marcellus
29	29	3/24/2015	10597	10456	40	Marcellus
30	30	3/25/2015	10424	10283	40	Marcellus
31	31	3/25/2015	10251	10116	40	Marcellus
32	32	3/25/2015	10078	9937	40	Marcellus
33	33	3/26/2015	9905	9764	40	Marcellus
34	34	3/26/2015	9732	9591	40	Marcellus
35	35	3/27/2015	9562	9418	40	Marcellus
36	36	3/27/2015	9381	9245	40	Marcellus
37	37	3/28/2015	9213	9073	40	Marcellus
38	38	3/28/2015	9040	8901	40	Marcellus
39	39	3/28/2015	8867	8729	40	Marcellus

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Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number Of Perforations	Formation(s)
40	3/28/2015	8697	8557	40	Marcellus
41	3/29/2015	8525	8385	40	Marcellus
42	3/29/2015	8353	8213	40	Marcellus
43	3/29/2015	8181	8041	40	Marcellus
44	3/29/2015	8036	7894	40	Marcellus
45	3/29/2015	7837	7697	40	Marcellus
46	3/30/2015	7665	7525	40	Marcellus

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STIMULATION INFORMATION PER STAGE

Stage No.	Stimulations Date	Avg Pump Rate (BPM)	Avg Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbls)	Amount of Nitrogen / other (gals)
1	2/27/2015	57.9	7924	6865	4198	101250	3422	3152
2	2/28/2015	68.4	8427	6955	4808	231700	8940	3499
3	2/28/2015	68.8	8182	6525	5777	234750	6828	3255
4	2/28/2015	78.9	8323	6656	5767	234850	6576	3250
5	3/1/2015	65.2	7852	6491	5810	233900	7513	3817
6	3/1/2015	73	8155	6470	5413	234700	6694	3296
7	3/1/2015	76.2	8493	6247	5827	235650	6227	3236
8	3/2/2015	74	8311	6215	5410	234700	6066	3223
9	3/2/2015	71.9	8348	6456	5801	232500	6593	3229
10	3/3/2015	73	8049	6347	5518	233800	6948	3234
11	3/3/2015	73.1	8095	6051	5577	234450	6680	3240
12	3/3/2015	72.1	8195	6939	5916	234650	6263	3188
13	3/4/2015	72.3	8112	6452	5987	234200	6345	3187
14	3/4/2015	74	8306	6525	5854	233700	6335	3254
15	3/6/2015	72	8381	6830	4887	231950	6662	3193
16	3/7/2015	73.2	8283	7439	5200	214300	8697	6254
17	3/11/2015	76	8586	0	5888	234150	9179	6413
18	3/18/2015	77.4	8571	5881	5636	232700	6612	3233
19	3/18/2015	71.8	8540	7005	5642	224000	7827	3347
20	3/18/2015	76.5	8473	6817	6353	227650	7188	3421
21	3/20/2015	83.5	8440	7347	5742	234100	8994	3417
22	3/21/2015	60.8	8557	6720	5441	102400	11226	9329
23	3/22/2015	88.7	8468	7158	5643	218950	7219	3545
24	3/22/2015	86	8290	6598	5565	235350	7162	3569
25	3/23/2015	85.2	8299	6624	5665	236600	7026	3567
26	3/23/2015	86	8445	6857	5186	234950	6762	3700
27	3/24/2015	92	8260	6653	5426	235150	7294	3537
28	3/24/2015	85.4	8521	6673	5472	223150	6813	3524
29	3/24/2015	90.6	8250	6576	5615	236700	7621	3524
30	3/25/2015	90.6	8257	6308	5728	234850	6600	3380
31	3/25/2015	92.6	8358	6483	5328	234350	6373	3481
32	3/25/2015	66.2	7994	6257	5107	177900	6684	3405
33	3/26/2015	91.6	8417	6808	5630	234700	6459	3457
34	3/26/2015	96.5	8286	6569	5286	234050	6561	3506
35	3/27/2015	91.9	8227	6722	5130	233250	6641	3459
36	3/27/2015	98.6	8531	7031	4750	233300	6224	3400
37	3/28/2015	89.3	8153	6532	4957	234600	6814	3457
38	3/28/2015	90.2	8267	7409	5265	235000	6249	3337
39	3/28/2015	93	8281	6822	5403	233700	6257	3369

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STIMULATION INFORMATION PER STAGE

Stage No.	Stimulations Date	Avg Pump Rate (BPM)	Avg Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbls)	Amount of Nitrogen / other (gals)
40	3/28/2015	89.5	8104	6660	5422	233650	6330	3404
41	3/29/2015	90.2	8159	6704	5421	233950	6002	3288
42	3/29/2015	92	8497	7048	5165	234000	6157	3330
43	3/29/2015	97.7	8495	6649	5159	234500	6234	3338
44	3/29/2015	94.7	8285	6783	5273	233900	6416	3430
45	3/29/2015	0	0	6687	5205	234450	6565	3416
46	3/30/2015	95.6	8207	6418	4884	234550	6690	3395

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PRODUCING FORMATION(S) DEPTHS
MARCELLUS 6918'- 6923' TVD 7524'- 7552' MD

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump
SHUT-IN PRESSURE Surface N/A psi Bottom Hole N/A psi DURATION OF TEST N/A hrs
OPEN FLOW Gas N/A mcfpd Oil N/A bpd NGL N/A bpd Water N/A bpd GAS MEASURED BY
 Estimated Orifice Pilot

LITHOLOGY / FORMATION	TOP DEPTH IN FT TVD	BOTTOM DEPTH IN FT TVD	TOP DEPTH IN FT MD	BOTTOM DEPTH IN FT MD	DESCRIBE ROCK TYPE AND RECORD QUANTITY TYPE OF FLUID (FRESHWATER,BRINE,GAS,H2S, ETC)
					SEE ATTACHED

Please insert additional pages as applicable.

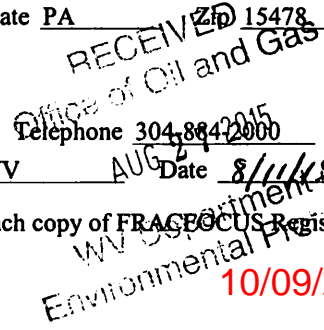
Drilling Contractor Patterson UTI
Address 207 Carlton Drive City Eighty Four State PA Zip 15330
Logging Company Horizon
Address 7136 South Yale, Suite 414 City Tulsa State OK Zip 74136-6378
Cementing Company CalFrac
Address 2001 Summit View Rd City Smithfield State PA Zip 15478
Stimulating Company CalFrac
Address 2001 Summit View Rd City Smithfield State PA Zip 15478

Please insert additional pages as applicable.

Completed by CNX Gas WV Operations Company, LLC - Drilling and Completions
Signature Steve Spittle Title Steve Spittle - Completions Manager-Gas WV Telephone 304-884-2000 Date 8/11/15

Submittal of Hydraulic Fracturing Chemical Disclosure Information

Attach copy of FRACFOCUS Registry
WV Department of Environmental Protection
10/09/2015



API 47-017-06413H6A

Farm name MORRIS, I. L.

Well number OXF11EHS

LITHOLOGY / FORMATION	TOP DEPTH IN FT	BOTTOM DEPTH IN FT	TOP DEPTH IN FT	BOTTOM DEPTH IN FT	TYPE OF FLUID
FILL	0	100	0	100	(FRESHWATER, BRINE, GAS, H2S, ETC)
GRAVEL	100	200	100	200	
REDROCK/SHALE	200	550	200	550	
LIME/SS	550	580	550	580	
GREY SHALE	580	730	580	730	
LIME/SS	730	800	730	800	
GREY SHALE	800	1030	800	1030	
SS	1030	1270	1030	1270	
SS/SHALE/COAL	1270	1470	1270	1470	
SS	1470	1570	1470	1570	
SS/SHALE/SILTSTONE	1570	1770	1570	1770	
SS/SHALE	1770	2100	1770	2100	
SS	2100	2200	2100	2200	
SILTSTONE	2200	2430	2200	2430	
SS	2430	2525	2430	2525	
SHALE	2525	3157	2525	3157	
SILTSTONE/SHALE	3157	3740	3160	3800	
RED SHALE/SILTSTONE/GREY SH	3740	3930	3800	4000	
SHALE/SS	3930	4145	4000	4250	
SS	4145	4200	4250	4300	
SILTSTONE/SHALE	4200	4335	4300	4450	
SS/SHALE/SILTSTONE	4335	4470	4450	4600	
SHALE/SILTSTONE	4470	4565	4600	4700	
SHALE	4565	5010	4700	5200	
SS/SHALE/SILTSTONE	5010	5110	5200	5300	
SHALE	5110	5190	5300	5400	
SAND/SILTSTONE	5190	5857	5400	6149	
BURKETT	6841	6866	7272	7334	
TULLY	6866	6891	7334	7406	
HAMILTON	6891	6918	7406	7524	
UPPER MARCELLUS	6918	6923	7524	7552	
MIDDLE MARCELLUS	6923				

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Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	2/27/2015
Job End Date:	3/30/2015
State:	West Virginia
County:	Doddridge
API Number:	47-017-06413-00-00
Operator Name:	CONSOL Energy Inc.
Well Name and Number:	OXFD 11 EHS
Longitude:	-80.76363890
Latitude:	39.17075000
Datum:	NAD83
Federal/Tribal Well:	NO
True Vertical Depth:	6,937
Total Base Water Volume (gal):	13,148,256
Total Base Non Water Volume:	0



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Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
Water	Customer & CWS	Base Fluid & Mix Water					
			Water	7732-18-5	100.00000	90.88756	
Sand (Proppant), DWP-111, DWP-614, DWP-901, DWP-NE1	CWS	Propping Agent, Gel Slurry, Viscosifier, Breaker, Non-Emulsifier					
			Crystalline silica (Quartz)	14808-60-7	100.00000	8.56538	
			Hydrochloric acid	7647-01-0	35.00000	0.38400	
			Distillates (petroleum), hydrotreated middle	64742-46-7	60.00000	0.04496	
			2-Propenoic acid, polymer with 2-propenamides, sodium salt	25987-30-8	40.00000	0.03375	
			Guar gum	9000-30-0	60.00000	0.01965	
			Calcite	471-34-1	1.00000	0.01117	
			Illite	12173-60-3	1.00000	0.00888	
			Goethite	1310-14-1	0.10000	0.00488	
			Methanol	67-56-1	15.00000	0.00436	
			Sorbitan monooleate	1338-43-8	5.00000	0.00422	
			Poly(oxyethylene)nonylphenol ether	9016-45-9	5.00000	0.00422	
			Biotite	1302-27-8	0.10000	0.00382	

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			Apatite	64476-38-6	0.10000	0.00382
			Ilmenite	98072-94-7	0.10000	0.00329
			Isopropanol	67-63-0	40.00000	0.00286
			Dimethylcocoamine, bis (chloroethyl) ether, diquaternary ammonium salt	68607-28-3	40.00000	0.00286
			Fatty acids, tall-oil	61790-12-3	0.10000	0.00165
			Modified thiourea polymer	68527-49-1	0.10000	0.00165
			Alcohols, C14-15, ethoxylated	68951-67-7	0.10000	0.00165
			Alkenes, C>10 a-	64743-02-8	0.10000	0.00165
			Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl, salts with bentonite	68953-58-2	5.00000	0.00164
			Propargyl Alcohol	107-19-7	0.10000	0.00055
			Ammonium Persulfate	7727-54-0	100.00000	0.00054
			Oxirane, 2-methyl-, polymer with oxirane, monodecyl ether	37251-67-5	1.50000	0.00049
			Diallyldimethylammonium chloride	7398-69-8	5.00000	0.00036
			Formaldehyde	50-00-0	0.10000	0.00011
			Sodium chloride	7647-14-5	0.10000	0.00005

Ingredients shown above are subject to 29 CFR 1910.1200(i) and appear on Material Safety Data Sheets (MSDS). Ingredients shown below are Non-MSDS.

- * 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)

17-0643

Well is located on topo map 13,693 feet south of Latitude: 39° 12' 30"

Well is located on topo map 3,868 feet west of Longitude: 80° 45' 00"

AS DRILLED PLAT

AS DRILLED
BOTTOM HOLE LOCATION (BHL)
 UTM 17-NAD83
 N:4338248.07
 E:520010.07
 NAD27, WV NORTH
 N:255004.05
 E:1640491.91

PERMITTED
BOTTOM HOLE LOCATION (BHL)
 UTM 17-NAD83
 N:4338248.00
 E:520011.00
 NAD27, WV NORTH
 N:253005.00
 E:1640496.00

NOTES:

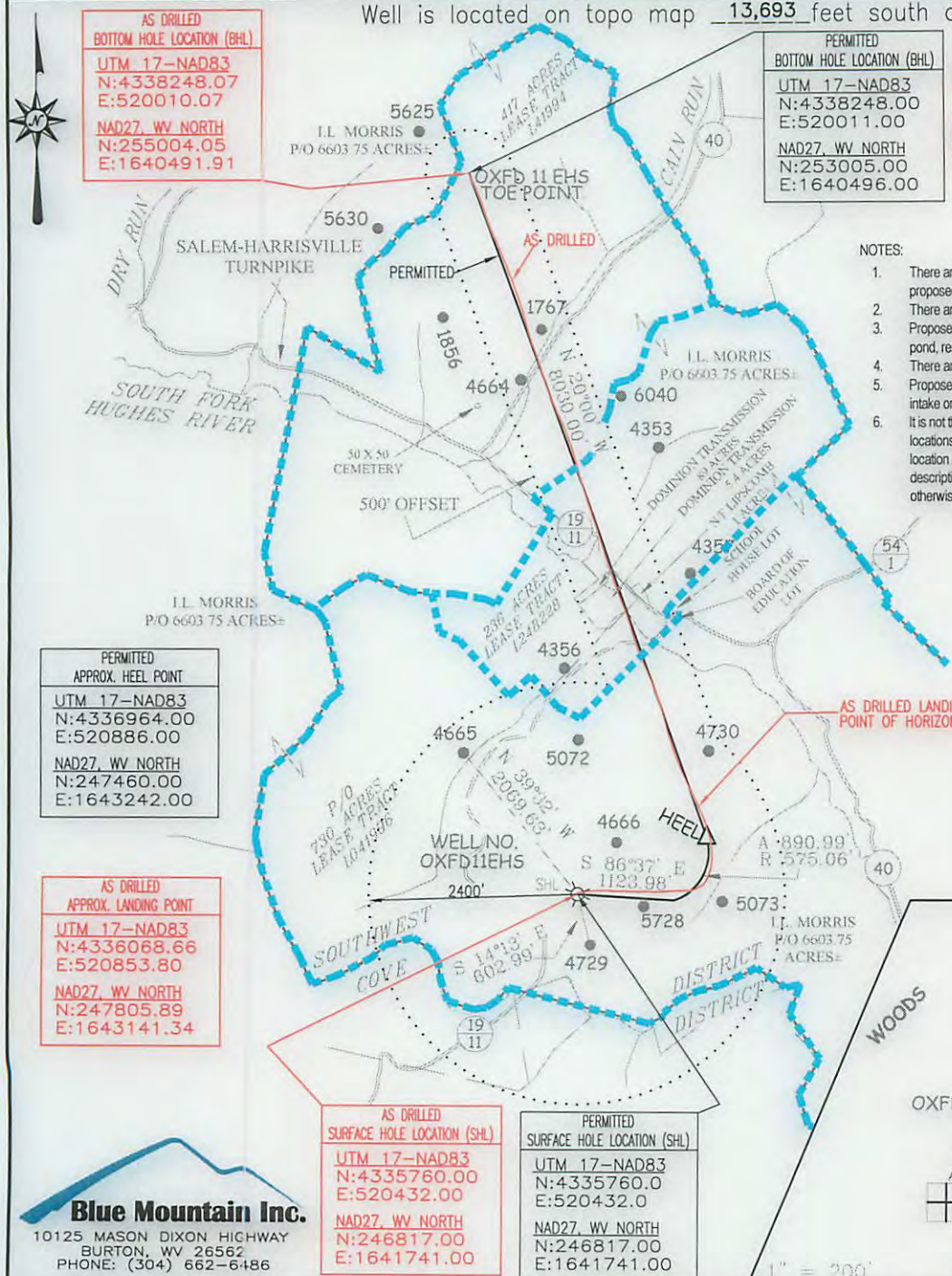
1. There are no water wells or developed springs within 250' of proposed well.
2. There are no existing buildings within 625' of proposed well.
3. Proposed well is greater than 100' from perennial stream, wetland, pond, reservoir or lake.
4. There are no native trout streams within 300' of proposed well.
5. Proposed well is greater than 1000' from surface/groundwater intake or public water supply.
6. It is not the purpose or intention of this plat to represent surveyed locations of the surface or mineral parcels depicted hereon. The location of the boundary lines, as shown, are based on record deed descriptions, field evidence found and/or tax map position, unless otherwise noted.

LEGEND

- TOPO MAP POINT
- WELL
- MINERAL TRACT BOUNDARY
- LEASE BOUNDARY
- PARCEL LINES
- WELL REFERENCE
- PROPOSED HORIZONTAL WELL
- AS DRILLED
- ROAD
- STREAM CENTER LINE

GAS WELLS

- EXISTING WELLS
- PLUGGED WELLS



PERMITTED
APPROX. HEEL POINT
 UTM 17-NAD83
 N:4336964.00
 E:520886.00
 NAD27, WV NORTH
 N:247460.00
 E:1643242.00

AS DRILLED
APPROX. LANDING POINT
 UTM 17-NAD83
 N:4336068.66
 E:520853.80
 NAD27, WV NORTH
 N:247805.89
 E:1643141.34

AS DRILLED
SURFACE HOLE LOCATION (SHL)
 UTM 17-NAD83
 N:4335760.00
 E:520432.00
 NAD27, WV NORTH
 N:246817.00
 E:1641741.00

PERMITTED
SURFACE HOLE LOCATION (SHL)
 UTM 17-NAD83
 N:4335760.0
 E:520432.0
 NAD27, WV NORTH
 N:246817.00
 E:1641741.00

Blue Mountain Inc.
 10125 MASON DIXON HIGHWAY
 BURTON, WV 26562
 PHONE: (304) 662-6486

FILE #: OXFD11EHS-AS DRILLED
 DRAWING #: OXFD11EHS-AS DRILLED
 SCALE: 1" = 2000'
 MINIMUM DEGREE OF ACCURACY: 1/2500
 PROVEN SOURCE OF ELEVATION: U.S.G.S. MONUMENT THOMAS 1498.81'

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 REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

Signed: *[Signature]*
 R.P.E.: _____ L.L.S.: P.S. No. 2000

GEORGE D. SIX
LICENSED
No. 2000
STATE OF WEST VIRGINIA
PROFESSIONAL SURVEYOR

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP
 OFFICE OF OIL & GAS
 601 57TH STREET
 CHARLESTON, WV 25304

DATE: MAY 27, 2015
 OPERATOR'S WELL #: OXFD11EHS-AS DRILLED
 API WELL #: 47 17 06413
 STATE COUNTY PERMIT

Well Type: Oil Waste Disposal Production Deep
 Gas Liquid Injection Storage Shallow

WATERSHED: SOUTH FORK HUGHES RIVER ELEVATION: 1,340'
 COUNTY/DISTRICT: DODDRIDGE/ SOUTHWEST QUADRANGLE: OXFORD 7.5'
 SURFACE OWNER: I.L. MORRIS ACREAGE: 6603.75±
 OIL & GAS ROYALTY OWNER: LINDSAY A EDMONDSON, ETAL & STATE OF WEST VIRGINIA (SALEM HARRISVILLE TURNPIKE) ACREAGE: 730, 236, & 417±

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG & ABANDON
 CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY): _____

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: TVD: 6,937'± TMD: 15,592'±
 WELL OPERATOR CNX GAS COMPANY LLC DESIGNATED AGENT JOE BERRY, JR.
 Address P.O. BOX 1248 Address P.O. BOX 1248
 City JANE LEW State WV Zip Code 26378 City JANE LEW State WV Zip Code 26378

10/09/2015