

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

API 47-017-06576H6A County Doddridge District Southwest  
Quad New Milton 7.5' Pad Name OXFD13HS Field/Pool Name Oxford  
Farm Name I. L. MORRIS Well Number OXFD13CHS  
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 4,335,536.9 m Easting 521,798.9 m  
Landing Point of Curve Northing 4,335,771.2 m Easting 521,793.5 m  
Bottom Hole Northing 4,336,887.1 m Easting 521,366.2 m

Elevation (ft) 1180' 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

*CNG*  
*3/31/2016*

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 11/12/2014 Date drilling commenced 01/27/2015 Date drilling ceased 07/31/2015  
Date completion activities began N/A (Completion has not begun.) Date completion activities ceased N/A  
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 290 Open mine(s) (Y/N) depths N  
Salt water depth(s) ft 2175, 2510 Void(s) encountered (Y/N) depths N  
Coal depth(s) ft 294, 1650 Cavern(s) encountered (Y/N) depths N  
Is coal being mined in area (Y/N) N

Reviewed by:  
Gorr, Kevin





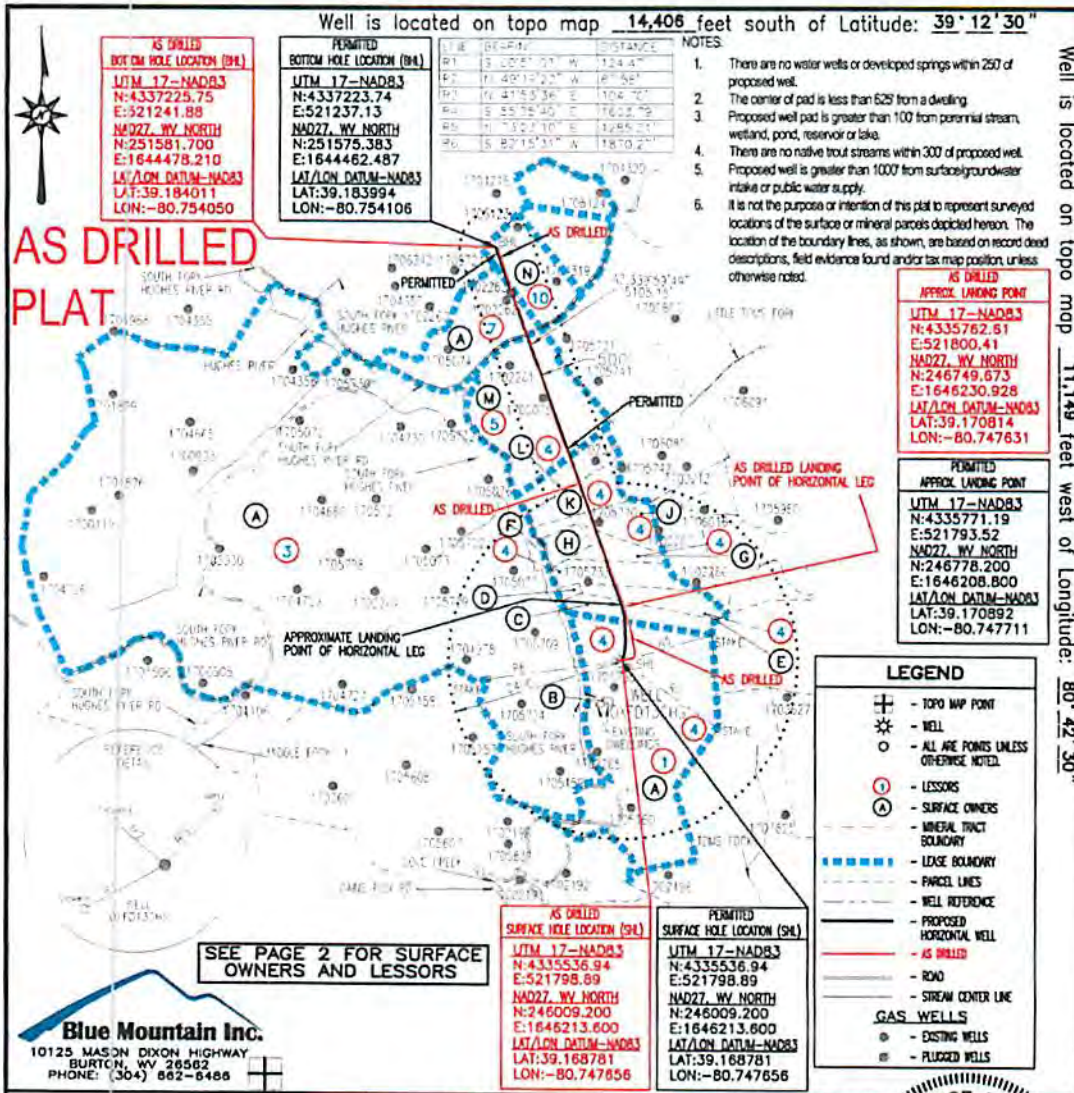


API 47-017-06576H6A

Farm name L. L. MORRIS

Well number OXFD13CHS

LITHOLOGY / FORMATION	TOP	BOTTOM	TOP	BOTTOM	DESCRIBE ROCK TYPE AND RECORD QUANTITY TYPE OF FLUID (FRESHWATER, BRINE, GAS, H2S, ETC)
	DEPTH IN FT	DEPTH IN FT	DEPTH IN FT	DEPTH IN FT	
	TVD	TVD	MD	MD	
FILL	0	50			
SAND/SHALE	50	100			
SHALE	100	150			
SAND/SHALE	150	250			
REDROCK/COAL	250	300			
SHALE/REDROCK	300	350			
SHALE	350	400			
SAND/SHALE	400	450			
SHALE	450	500			
REDROCK/SHALE	500	600			
SHALE/SAND	600	650			
SAND	650	750			
SHALE	750	850			
SAND	850	950			
SHALE/REDROCK	950	1000			
REDROCK	1000	1050			
SHALE	1050	1100			
SAND	1100	1200			
SHALE	1200	1300			
SAND	1300	1500			
SHALE	1500	1600			
SAND/COAL	1600	2000			
LITTLE LIME	2000	2041			Light Gray
BIG LIME	2050	2142			Light Gray/Brown
BIG INJUN	2184	2250			Light Gray
WEIR SAND	2309	2510			Gray
GORDON SAND	2794	2802			Med Gray
BENSON SAND	5054	5097			Med/Dark Gray
ALEXANDER SAND	5302	5405			Med/Dark Gray
RHINESTREET SHALE	5576	6668			Dark Gray
MIDDLESEX SHALE	6669	6795			Dark Gray
BURKET SHALE	6795	6841			Black
TULLY LIMESTONE	6841	6862			Light Gray
HAMILTON SHALE	6862	6894			Light/Med Gray
MARCELLUS SHALE	6894	6951			Black
ONONDAGA LIMESTONE	6951	7000			Light Brown
HUNTERSVILLE CHERT	7000	7047			Light/Med Gray
TD PILOT	7047				



FILE #: OXF13CHS-AS DRILLED  
DRAWING #: OXF13CHS-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: *George W. Six*  
R.P.E.: \_\_\_\_\_ L.L.S.: P.S. No. 2000

**GEORGE W. 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: DECEMBER 3, 2015  
OPERATOR'S WELL #: OXF13CHS-AS DRILLED  
API WELL #: 47 17 06576  
STATE COUNTY PERMIT

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

WATERSHED: SOUTH FORK HUGHES RIVER ELEVATION: 1,152.4'±  
COUNTY/DISTRICT: DODDRIDGE / SOUTHWEST QUADRANGLE: NEW MILTON, WV 7.5'  
SURFACE OWNER: I. L. (IKE) MORRIS ACREAGE: 6603.75±  
OIL & GAS ROYALTY OWNER: S.W. STOUT ET AL ACREAGE: 1065.427±

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: 6,785'± TMD: 12,516±  
WELL OPERATOR CNX GAS COMPANY LLC DESIGNATED AGENT ANTHONY KENDZIORA  
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

OXFD13CHS  
PAGE 2 OF 2  
**AS DRILLED PLAT**

	SURFACE OWNER	DIST-TM/PAR
A	I. L. (IKE) MORRIS	7-10/2
B	JERRY L. & SHARON LEGGETT (SURV)	7-15/3.1
C	TYLER GARRETT BUNTING C/O LENORA BUNTING	7-15/1
D	JEFFREY LYNN & LINEY ELAINE MCKINNEY (SURV)	7-15/1.1
E	LINEY MCKINNEY	7-15/1.6
F	MARIE E. HYDE & RICHARD A. BAKER (SURV)	7-15/1.5
G	KEVIN L. & TERESA A. MULLEN (SURV)	7-15/1.3
H	KEVIN L. & TERESA A. MULLEN (SURV)	7-15/1.2
J	ROBERT K. SWIGER	7-15/1.4
K	WILLIAM L. JONES TRUST C/O ROBERT K. SWIGER (TRUSTEE)	7-11/8
L	ROBERT K. SWIGER	7-11/7
M	MAY REVOCABLE TRUST-EXEMPTION TRUST 1/2 INT. SUSAN V. DRENNAN 1/2 INT.	7-11/5
N	KEY OIL COMPANY	7-11/1

PERMITTED  
SURFACE HOLE LOCATION (SHA)  
UTM 17-NAD83  
N:4335536.94  
E:521798.89  
NAD27, WY NORTH  
N:246009.200  
E:1646213.600  
LAT/LON DATUM-NAD83  
LAT:39.168781  
LON:-80.747856

PERMITTED  
APPROX. LANDING POINT  
UTM 17-NAD83  
N:4335771.19  
E:521793.52  
NAD27, WY NORTH  
N:246778.200  
E:1646208.800  
LAT/LON DATUM-NAD83  
LAT:39.170812  
LON:-80.747711

PERMITTED  
BOTTOM HOLE LOCATION (BHL)  
UTM 17-NAD83  
N:4337223.74  
E:521237.13  
NAD27, WY NORTH  
N:251575.313  
E:1644482.487  
LAT/LON DATUM-NAD83  
LAT:39.183994  
LON:-80.754106

AS DRILLED  
SURFACE HOLE LOCATION (SHA)  
UTM 17-NAD83  
N:4335536.34  
E:521798.87  
NAD27, WY NORTH  
N:246009.200  
E:1646213.300  
LAT/LON DATUM-NAD83  
LAT:39.168781  
LON:-80.747856

AS DRILLED  
APPROX. LANDING POINT  
UTM 17-NAD83  
N:4335762.61  
E:521800.41  
NAD27, WY NORTH  
N:246749.673  
E:1646230.928  
LAT/LON DATUM-NAD83  
LAT:39.170814  
LON:-80.747831

AS DRILLED  
BOTTOM HOLE LOCATION (BHL)  
UTM 17-NAD83  
N:4337225.75  
E:521241.88  
NAD27, WY NORTH  
N:251581.700  
E:1644478.210  
LAT/LON DATUM-NAD83  
LAT:39.184011  
LON:-80.754050

PARCEL	LESSOR
1,3,4, 5&7	S.W. STOUT ET AL
10	J.P. MORGAN CHASE BANK, N.A., TRUSTEE OF SA. SMITH & C. BURKE MORRIS TRUST
	J.P. MORGAN CHASE BANK, N.A., TRUSTEE OF WILL E. MORRIS TRUST
	JAMES D. POWELL, II
	CYNTHIA FAYE POWELL
	LINDA FREDERICK
	LESLIE FREDERICK
	EMMANUEL LUTHERAN CHURCH
	VADA BARNETT
	JO ANN B. WATERS, ET VIR.
	UDELLA MAE PROUDFOOT BARNETT
	LESLIE FREDERICK, AIF FOR BETTY J. BARNETT
	GENEVIEVE STOUT SUMMERS
	KATHLEEN C. SUMMERS, BY MARY LOU DEISLER HER AIF
KATHRYN SUMMERS	
PAULINE SUMMERS	
CHAD W. JOHNSON	

DECEMBER 3, 2015

WR-35  
Rev. 8/23/13

FRAC FOCUS REGISTRY

API 47-017-06576H6A

Farm Name I.L. MORRIS

Well Number OXFD13CHS

*Frac Focus Registry – Not Available – Formations have not been perforated or stimulated*