



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street SE
Charleston, WV 25304
(304) 926-0450
(304) 926-0452 fax

Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
www.dep.wv.gov

April 22, 2013

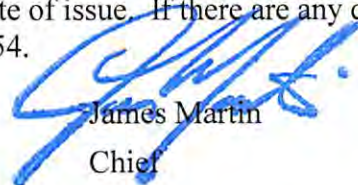
WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-1702198, issued to MEADOWS, S. L. PRODUCTION CO., is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to all conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas inspector.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. The above named operator will also file, as required in WV Code 22-6-23, an affidavit on form WR-38 by two experienced persons in the operator's employment and the Oil and Gas inspector that the work authorized under this permit was performed and a description given. Failure to abide by all statutory and regulatory provisions governing all duties and operations here under may result in suspensions or revocation of this permit and in addition may result in civil and/or criminal penalties being imposed upon the operator.

This permit will expire in two (2) years from date of issue. If there are any questions, please free to contact me at (304) 926-0499 ext. 1654.



James Martin
Chief

Operator's Well No: 8
Farm Name: DEFAZIO, TIMOTHY
API Well Number: 47-1702198
Permit Type: Plugging
Date Issued: 04/22/2013

Promoting a healthy environment.

01/01/2016

1) Date: February 22, 2013
2) Operator's Well Number J.H. Bode No.8
3) API Well No: 47 - 017 - 2198
State County Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

4) WELL TYPE: Oil X Gas X Liquid Injection _____ Waste Disposal _____
(If "Gas", Production _____ Underground Storage _____) Deep _____ Shallow X
5) LOCATION: Elevation: 1076' Watershed: Cove Creek
District: Cove County: Doddridge Quadrangle Oxford 7.5'
6) WELL OPERATOR: S.L.Meadows Jr. Production Co. 309315 7) DESIGNATED AGENT S.L. Meadows, Jr.
Address Route 2, Box 22 45 Meadows Drive Address Route 2, Box 22 45 Meadows
Ravenswood, WV 26164-0022 Ravenswood, WV 26164-00
8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) PLUGGING CONTRACTOR
Name Sam Ward Name _____
Address P.O. Box 2327 Address _____
Buckhannon, WV 26201

10) WORK ORDER: The work order for the manner of plugging this well is as follows:

CASING	
10"	Pulled
8 1/4"	Pulled
6 5/8"	1,529'
5 1/2"	2,225'

LINERS	
4 1/2"X4"	275'

TD-2,698' Coal: NA
Perforate Liner (if present) 2,665' - 2,565'
Plug No. 1 2665 - 2565
Plug No. 2 2275 - 2175
Freepoint, Cut & Pull 5 1/2" Casing at 1,500' (Est.)
Plug No. 3 1550 - 1450
Freepoint, Cut & Pull 6 5/8" Casing at 1,100' (Est.)
Plug No. 4 1150 - 1050
Plug No. 5 550 - 450
Plug No. 6 300 - 200
Plug No. 7 100 - Surface

PLUG 1
COVERS TOP OF
SHOT
- covers 5 1/2" CASING BOTTOM & 50' INTO CASING
RECEIVED
Office of Oil and Gas
MAR 26 2013
Department
Environmental Protection

NOTES:

Free point, cut and pull all casing strings present. Place 100 ft. cement plug at bottom of any casing left in well.
Fill Well Bore with 6% Gel Between all Cement Plugs
Erect Monument with API No.

Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.

Work order approved by Inspector Doug Newlan Date 3-18-2013
Daniel Cam 3-18-13

514-3-22

NAME **J.H. Bode** WELL **8** ACRES **159** LEASE NO. **30163**
 TOWNSHIP OR TRACT **Cove** COUNTY **Doddridge** STATE **W. Va.** N. S. 20 E. W. 8-9
 COMMENCED **July 26** 19 **01** COMPLETED **August 6th,** 19 **01** CONTRACTOR **G.H. Ross & Co.**
 COMMENCED **August 15,** 19 **01** COMPLETED **October 17,** 19 **01** CONTRACTOR **Dufour & Co.**
 COMMENCED _____ 19 _____ COMPLETED _____ 19 _____ CONTRACTOR _____

FORMATION				CASING RECORD						
KIND	TOP	BOTTOM	STEEL LINE MEASUREMENT	REMARKS	SIZE	BOTTOM CASING (STEEL LINE)	PUT IN WELL (TALLY MEAS.)	PULLED (TALLY MEAS.)	LEFT IN WHEN ABND.	
Black Cave	1110				10		241	241'		
Low Run	1225	1310			8 1/2		1235	1235		
Salt Sand	1455	1500			6-5/8		1529'-6"			
Water	1470				5 1/2 / 16		2225'-2"			
Saxon Sand	1725	1860								
Big Lime	1980	2040								
Big Injun	2040	2150								
Stray Sand	2665	2670								
Plate	2670	2675								
Gordon	2675	2680								
PACKERS										
					KIND	SIZE	DEPTH SET	DATE SET		
TORPEDO RECORD										
					DATE SHOT	NO. QTS.	SIZE SHELL	TOP SHOT	BOTTOM	RESULT
111	2675	2680			10/17-1901	24		2675		
					8/29-1902	30		2675		
					7-11-1940	80	4" x 4"	2675		40 elev. of
ABANDONMENT RECORD										
					FILLED WITH	FROM	TO	SIZE	PLUG KIND	DEPTH
REMARKS										
Put in 13Jts. 4 x 4 1/2 F.J. Casing 275'.										
TOTAL DEPTH		2698								
PRODUCTION RECORD										
24 HOURS BEFORE SHOT	Gordon		SAND	No Rec'd.						
24 HOURS AFTER SHOT			SAND	BBLs.						
GAS TEST										
APPROVED BY								SUPT.		

RECEIVED
 Office of Oil and Gas
 MAR 26 2013

1702198P

#8404
\$200.00

WW-4A
Revised 6-07

1) Date: February 22, 2013

2) Operator's Well Number J.H. Bode No.8

3) API Well No: 47 - 017 - 2198
State County Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF APPLICATION TO PLUG AND ABANDON A WELL

4) Surface Owner(s) to be served:

(a) Name Timothy Defazio
Address 54 Byers Lane
Stonewood, WV 26301

(b) Name _____
Address _____

(c) Name _____
Address _____

6) Inspector Sam Ward
Address P.O. Box 2327
Buckhannon, WV 26201
Telephone 304-389-7583

5) (a) Coal Operator:
Name NA
Address _____

(b) Coal Owner(s) with Declaration
Name NA
Address _____

Name _____
Address _____

(c) Coal Lessee with Declaration
Name _____
Address _____

TO THE PERSON(S) NAMED ABOVE: You should have received this Form and the following documents:

- 1) The Application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work, and describes the well and its location and the plugging work order; and
- 2) The plat (surveyor's map) showing the well location on Form WW-6

The reason you have received these documents is that you have rights regarding the application which are summarized in the instructions on the reverse side. However, you are not required to take any action at all.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief.

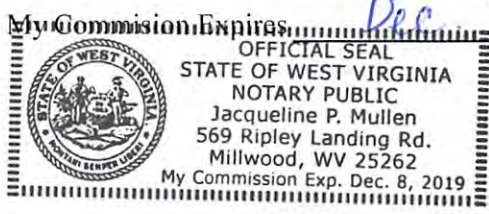
Well Operator S.L.Meadows Jr. Production Co.

By: S.L. Meadows Jr. S.L. Meadows, Jr.
Its: President
Address Route 2, Box 22 45 Meadows Drive
Ravenswood, WV 26164-0022
Telephone (304) 273-8121

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Office of Oil and Gas
MAR 26 2013

Subscribed and sworn before me this 13th day of March, 2013

Jacqueline P. Mullen Notary Public



01/01/2016

1702198P

7006 2760 0005 3354 5810

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OFFICIAL USE		
Postage	\$ 1.32	0500
Certified Fee	\$3.10	00
Return Receipt Fee (Endorsement Required)	\$2.55	00
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage & Fees	\$6.97	

Postmark Here
04/16/2013
04/16/2013

Sent To **CHARLES SCHNEIDER**
 Street, A, or PO Bo **4922 SUNNYSIDE DRIVE**
 City, Stat **WEST PALM BEACH FL 33415**
SURFACE OWNER APT 1702213 P

PS Form 3800, August 2006 See Reverse for Instructions

7006 2760 0005 3354 5797

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OFFICIAL USE		
Postage	\$ 1.52	0500
Certified Fee	\$3.10	00
Return Receipt Fee (Endorsement Required)	\$2.55	
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage & Fees	\$6.62	

Postmark Here
04/16/2013

Sent To **DAVID MORGAN**
 Street, A, or PO Bo **ROUTE 1 BOX 375**
 City, Stat **MILLSTONE WV 25261**
SURFACE OWNER 1302783 P
SURFACE OWNER 1300638 P

PS Form 3800, August 2006 See Reverse for Instructions

7006 2760 0005 3354 5803

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OFFICIAL USE		
Postage	\$ 1.32	0500
Certified Fee	\$3.10	00
Return Receipt Fee (Endorsement Required)	\$2.55	
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage & Fees	\$6.97	

Postmark Here
04/16/2013

Sent To **TIMOTHY DEFAZIO**
 Street, A, or PO Bo **54 BYERS LANE**
 City, Stat **STONEWOOD WV 26301**

PS Form 3800, August 2006 See Reverse for Instructions

APT 1702198P
SURFACE OWNER

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Office of Oil and Gas

APR 16 2013

WV Department of
Environmental Protection

01/01/2016

A

1702198P

Form WW-9

Page 3 of 3
API Number 47- 017 - 2198
Operator's Well No. _____ J.H. Bode No.8 _____

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

CONSTRUCTION AND RECLAMATION PLAN AND SITE REGISTRATION APPLICATION FORM
GENERAL PERMIT FOR OIL AND GAS PIT WASTE DISCHARGE

Operator S.L.Meadows Jr. Production Co. OP Code 309315
Watershed Cove Creek Quadrangle Oxford 7.5' 526
Elevation 1076' County Doddridge 17 District Cove 02

Description of anticipated Pit Waste: Fluids encountered in plugging subject well

Do you anticipate more than 5,000 bbls of water to complete the proposed well work? Yes _____ No X

Will a synthetic liner be used in pit? Yes If so, what mil.? 20

Proposed Disposal Method For Treated Pit Wastes:
X Land Application
____ Underground Injection (UIC Permit Number _____)
____ Reuse (at API Number _____)
____ Off Site Disposal (Supply Form WW-9 for disposal location)
____ Other (Explain _____)

Drilling medium anticipated for this well? Air, fresh water, oil based, etc. NA
- If oilbased, what type? Synthetic, petroleum, etc. _____

Additives to be used? _____

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. NA
- If left in pit and plan to solidify, what medium will be used? Cement, lime, sawdust NA
- Landfill or offsite name/permit number? _____

RECEIVED
Office of Oil and Gas

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on August 1, 2005, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

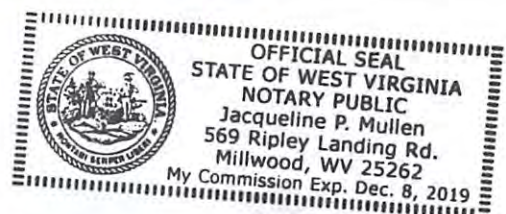
Company Official Signature *S.L. Meadows Jr.*
Company Official (Typed Name) S.L. Meadows, Jr.
Company Official Title President

Subscribed and sworn before me this 13th day of March, 2013

Jacqueline P. Mullen Notary Public

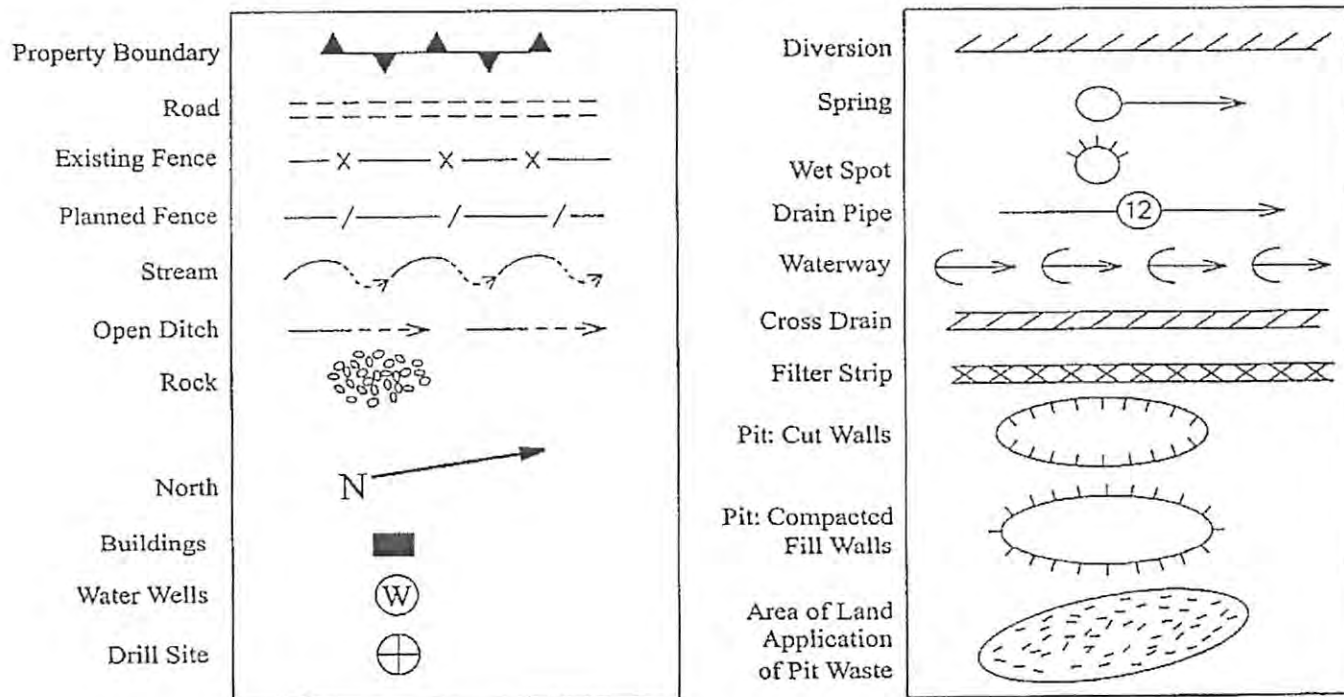
My commission expires Dec. 8, 2019

Form WW-9



01/01/2016

Legend



Proposed Revegetation Treatment: Acres Disturbed Area I Approx. 0.2 Ac. Prevegetation pH 6.0

Area II Approx. 0.1 Ac.

Lime NA (See Below) Tons/Acre or Correct to pH _____
 Fertilizer (10-20-20 or Equivalent) NA Lbs./Acre (500 lbs. Minimum)
 Mulch NA (See Below) Tons/Acre

SEED MIXTURES

<u>Area I (Location)</u>	
Seed Type	Lbs./Ac.
Tall Fescue	40
Ladino Clover	5

<u>Area II (Road)</u>	
Seed Type	Lbs./Ac.
Tall Fescue	40
Ladino Clover	5

Attach:
 Drawing(s) of road, location, pit and proposed area for land application
 Photocopied section of involved 7.5' topographic sheet.

Received
Office of Oil & Gas

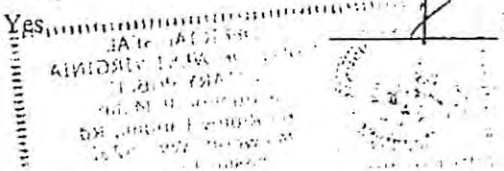
MAR 26 2013

Plan Approved by: Doug Newlin

Comments: Tag top of bottom hole plug -

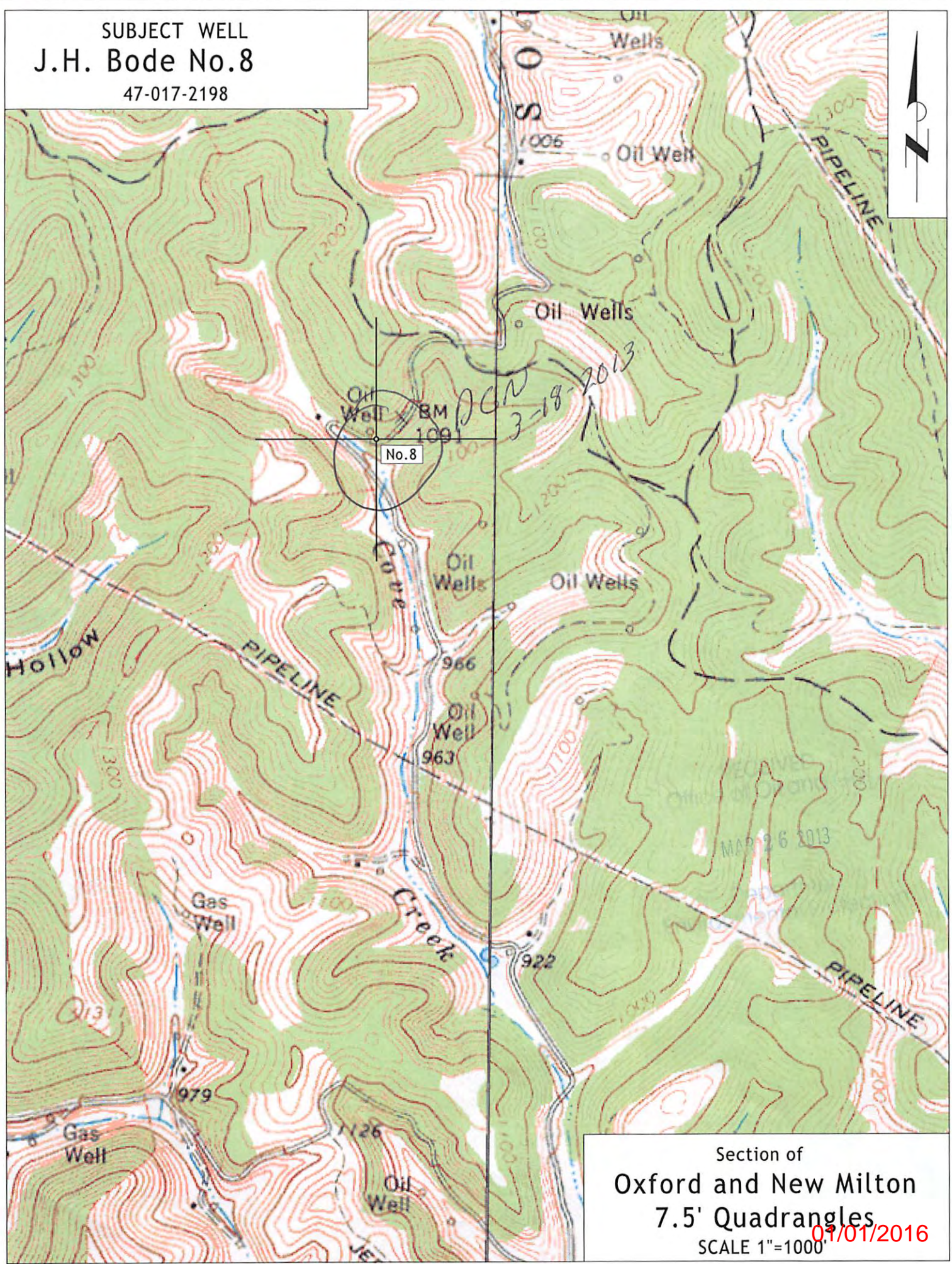
Title: Oil & Gas Inspector Date: 3-18-2013

Field Reviewed? Yes No



01/01/2016

SUBJECT WELL
J.H. Bode No.8
47-017-2198



Section of
Oxford and New Milton
7.5' Quadrangles
SCALE 1"=1000
07/01/2016

West Virginia Department of Environmental Protection
Office of Oil & Gas

WELL LOCATION FORM: GPS

API: 47- 017 - 2198 WELL NO: No.8

FARM NAME: J.H. Bode

RESPONSIBLE PARTY NAME: S.L.Meadows Jr. Production Co.

COUNTY: Doddridge DISTRICT: Cove

QUADRANGLE: Oxford 7.5'

SURFACE OWNER: Timothy Defazio

ROYALTY OWNER: S.L. Meadows Production Co. et al.

UTM GPS NORTHING: 4,334,649 (NAD 83)

UTM GPS EASTING: 521,316 (NAD 83) GPS ELEVATION: 328 m. 1076 FT.

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit on the above well. The Office of Oil & Gas will not accept GPS coordinates that do not meet the following requirements:

1. Datum: NAD 1983, Zone:17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) - meters.
2. Accuracy to Datum - 3.05 meters
3. Data Collection Method:

Survey Grade GPS	<input type="checkbox"/>	Post Processed Differential	<input type="checkbox"/>
		Real-Time Differential	<input type="checkbox"/>
Mapping Grade GPS	<input checked="" type="checkbox"/>	Post Processed Differential	<input checked="" type="checkbox"/>
		Real-Time Differential	<input type="checkbox"/>

RECEIVED
Office of Oil and Gas
MAR 26 2013
Geographic Information System

I the undersigned, hereby certify this data 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 Office of Oil and Gas.

Timothy P. Roush
Signature

Professional Surveyor
Title

February 22, 2013
Date

OP-1
Rev. 7/09

APR 16 2013

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL & GAS
Operator Registration and Designation of Agent Form

RECEIVED
Office of Oil and Gas
APR 16 2013
WV Department of Environmental Protection

- 1. Operator FEIN : 55-072-0275
- 2. Purpose of Filing: New Filing Correction Annual Renewal
- 3. Well Operator Name S. L. Meadows, Jr. Production, Inc.
- 4. Address 45 Meadows Drive
City Ravenswood State WV Zip 26164
- 5. Telephone (304) - 273-8121 6. Contact Name S.L. Meadows, Jr.
- 7. Fax (304) 273 - 8122 8. E-mail Address zmm@frontier.com

Bonding Information:

- 9. Blanket Bond or Single Well Bond(s)
- 10. Surety Bond(s) Cash Bond or Securities Letter of Credit
- 11. NAME AND ADDRESS OF SURETY, BANK ON WHICH LETTER OF CREDIT IS DRAWN, AND/OR DESCRIPTION OF SECURITIES OR OTHER COLLATERAL POSTED:
Premier Bank, 601 Washington Street, Ravenswood, West Virginia 26164
Certificate of Deposit for \$50,000.00. Acct # 015009715

Pursuant to the provisions of West Virginia Code 22-6-6(e), and subject to the requirements of Office of Oil and Gas Rule, Title 35, Series 4, Sections 2.7. and 10.3., the undersigned hereby designates the following person to be the agent for the above named well operator for the purpose of receiving process, notices, orders, and other communications which may be issued under Chapters 22-1 and 22-6 of the West Virginia Code, 1931, as amended, and the rules and regulations of this Division. The undersigned represents that said designated agent is a bona fide resident of the State of West Virginia, and has agreed to accept the designation. This designation applies to all wells owned or operated by the undersigned in West Virginia.

Designated Agent S.L. Meadows, Jr.
Address 49 Meadows Drive
Ravenswood, WV 26164
Telephone (304) 372-8121 Fax (304) 273-8122
Email Address zmm@frontier.com

I declare under penalties of law that I am authorized to make this report, that this report was prepared under my supervision and direction, and that the data and facts stated herein are true, correct, and complete to the best of my knowledge.

Signature _____
Name S.L. Meadows, Jr.
Title President
Date April 16, 2013 Phone (304) - 273-8121

IF THIS IS A NEW DESIGNATION OF AGENT, THE AGENT MUST SIGN BELOW:

Accepted this _____ day of _____, 20____
Agent signature _____

Taken, subscribed and sworn to before me this 17 day of April, 2013
Notary Public _____ My commission expires June 3, 2020

APR 16 2013

WV Department of
Environmental Protection
STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL & GAS
Operator Registration and Designation of Agent Form

Operator FEIN : 55-072-0275

Purpose of Filing: New Filing Correction Annual Renewal

Well Operator Name S. L. Meadows, Jr. Production, Inc.

Address 45 Meadows Drive

City Ravenswood State WV Zip 26164

Telephone (304) - 273-8121 6. Contact Name S.L. Meadows, Jr.

Fax (304) 273 - 8122 8. E-mail Address zmm@frontier.com

Bonding Information:

Blanket Bond or Single Well Bond(s)
 Surety Bond(s) Cash Bond or Securities Letter of Credit

NAME AND ADDRESS OF SURETY, BANK ON WHICH LETTER OF CREDIT IS D
AND/OR DESCRIPTION OF SECURITIES OR OTHER COLLATERAL POSTED:

Premier Bank, 601 Washington Street, Ravenswood, West Virginia 26164

Certificate of Deposit for \$50,000.00. Acct # 015009715

In accordance with the provisions of West Virginia Code 22-6-6(e), and subject to the requirements of Off
and Gas Rule, Title 35, Series 4, Sections 2.7. and 10.3., the undersigned hereby designate
owing person to be the agent for the above named well operator for the purpose of receiving pro
ices, orders, and other communications which may be issued under Chapters 22-1 and 22-6 of the
ginia Code, 1931, as amended, and the rules and regulations of this Division. The unders
resents that said designated agent is a bona fide resident of the State of West Virginia, and
eed to accept the designation. This designation applies to all wells owned or operated by
ersigned in West Virginia.

Designated Agent S.L. Meadows, Jr.

Address 49 Meadows Drive
Ravenswood, WV 26164

Telephone (304) 372-8121 Fax (304) 273-8122

Email Address zmm@frontier.com

I declare under penalties of law that I am authorized to make this report, that this report was prepared
under my supervision and direction, and that the data and facts stated herein are true, correct
and complete to the best of my knowledge.

Signature *S. L. Meadows, Jr.*

Name S.L. Meadows, Jr.

Title President

Date April 16, 2013 Phone (304) - 273-8121

THIS IS A NEW DESIGNATION OF AGENT, THE AGENT MUST SIGN BELOW:

Accepted this _____ day of _____, 2013

Agent signature _____

I have seen, subscribed and sworn to before me this 17 day of April, 2013
Notary Public *M. Carey Castle* My commission expires June 3, 2020

