



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

December 31, 2015

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-1702198, issued to MEADOWS Jr, S. L. PRODUCTION Inc., 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: 12/31/2015

Promoting a healthy environment.

01/08/2016

PERMIT CONDITIONS

West Virginia Code §22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

CONDITIONS

1. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
2. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
3. Well work activities shall not constitute a hazard to the safety of persons.
4. This well is under a consent order and must be plugged under the terms of that agreement.

WW-4B
Rev. 2/01

1) Date: March 26, 2015
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 Address Route 2, Box 22
Ravenswood, WV 26164-0022 Ravenswood, WV 26164-00
8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) PLUGGING CONTRACTOR
Name Douglas Newlon Name _____
Address 4060 Dutchman Road 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

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MAY 13 2015

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 _____ Date _____

DM-3-22

OWNER **J.H. Bode** WELL **8** ACRES **169** LEASE NO. **30163**
 TOWNSHIP OR DISTRICT **Cove** COUNTY **Doddridge** STATE **W. Va.** N. **S. 20 E. W. 8-9**
 1. COMMENCED **July 26** 19 **01** COMPLETED **August 6th,** 19 **01** CONTRACTOR **G.H. Ross & Co.**
 2. COMMENCED **August 15,** 19 **01** COMPLETED **October 17,** 19 **01** CONTRACTOR **Dufour & Co.**
 3. COMMENCED _____ 19 _____ COMPLETED _____ 19 _____ CONTRACTOR _____

FORMATION		STEEL LINE MEASURED	REMARKS
KIND	TOP	BOTTOM	
Black Cave	1110		
Low Run	1225	1310	
Salt Sand	1455	1500	
Water	1470		
Saxon Sand	1725	1860	
Big Lime	1980	2040	
Big Injun	2040	2150	
Stray Sand	2665	2670	
Plate	2670	2675	
Gordon	2675	2680	

CASING RECORD				
SIZE	BOTTOM CASING (STEEL LINF)	PUT IN WELL (TALLY MEAS.)	PULLED (TALLY MEAS.)	LEFT IN WHEN ABN'D.
10		241	241'	
8 1/2		1235	1235	
6-5/8		1529'-6"		
5-3/16		2223'-2"		
PACKERS				
KIND	SIZE	DEPTH SET	DATE SET	

TORPEDO RECORD					
DATE SHOT	NO. QTS.	SIZE SHELL	TOP SHOT	BOTTOM	RESULT
10/17-1901	24		2676		
8/29-1902	30		2675		
1-2-1940	80	4 1/2 x 5 1/2	2675		40 lbs of

ABANDONMENT RECORD					
FILLED WITH	FROM	TO	SIZE	PLUG KIND	DEPTH

REMARKS
 Put in 15fts. 4 x 4 1/2 F.J. Casing 275'.

TOTAL DEPTH **2698**

PRODUCTION RECORD			
24 HOURS BEFORE SHOT	24 HOURS AFTER SHOT	GAS TEST	
Gordon			No Rec'd.
			ILLS.

APPROVED BY _____

Received
 Office of Oil & Gas
 MAY 13 2015

17 02198 P

WW-4A
Revised 6-07

1) Date: MARCH 11, 2015
2) Operator's Well Number
J. H. Bode No. 8
3) API Well No.: 47 - 017 - 2198

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. 5) (a) Coal Operator Name N/A, Address. (b) Coal Owner(s) with Declaration Name N/A, Address. (c) Coal Lessee with Declaration Name, Address. 6) Inspector DOUGLAS NEWLON, Address 4060 DUTCHMAN ROAD, MACFARLAN, WV 26148, Telephone 304-932-8049.

TO THE PERSONS 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 its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses 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.

Received
Office of Oil & Gas

Well Operator S. L. MEADOWS, JR. PRODUCTION, INC. MAY 13 2015
By: S. L. Meadows, Jr. S. L. Meadows, Jr.
Its: PRESIDENT
Address 45 MEADOWS DRIVE
RAVENSWOOD, WV 26164
Telephone (304) 273-8121

Subscribed and sworn before me this 11th day of May, 2015
My Commission Expires Dec. 8, 2019
Jacqueline P. Mullen

Notary



OFFICIAL SEAL
STATE OF WEST VIRGINIA
NOTARY PUBLIC
Jacqueline P. Mullen
569 Ripley Landing Rd.
Millwood, WV 25262
My Commission Exp. Dec. 8, 2019

Oil and Gas Privacy Notice

The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please contact DEP's Chief Privacy Officer at depprivacyoffier@wv.gov.

01/08/2016

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 Name S. L. MEADOWS, JR. PRODUCTION, INC. OP Code 309315

Watershed Cove Creek Quadrangle Oxford 7.5

Elevation 1076' County DODDRIDGE District Cove

Description of anticipated Pit Waste: FLUIDS ENCOUNTERED IN PLUGGING SUBJECT WELL

Will a synthetic liner be used in the pit? YES

Proposed Disposal Method For Treated Pit Wastes:

- Land Application
- Underground Injection (UIC Permit Number _____)
- Reuse (at API Number _____)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain _____)

Proposed Work For Which Pit Will Be Used:

- Drilling
- Workover
- Other (Explain _____)
- Swabbing
- Plugging

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.

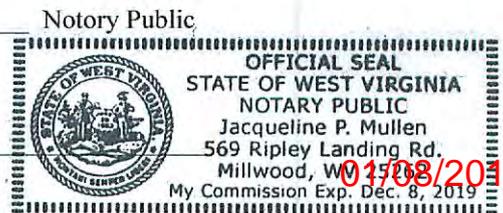
Company Official Signature *S. L. Meadows Jr.*
Company Official (Typed Name) S. L. MEADOWS, JR.
Company Official Title PRESIDENT

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Office of Oil & Gas
MAY 13 2015

Subscribed and sworn before me this 11th day of May, 20 15

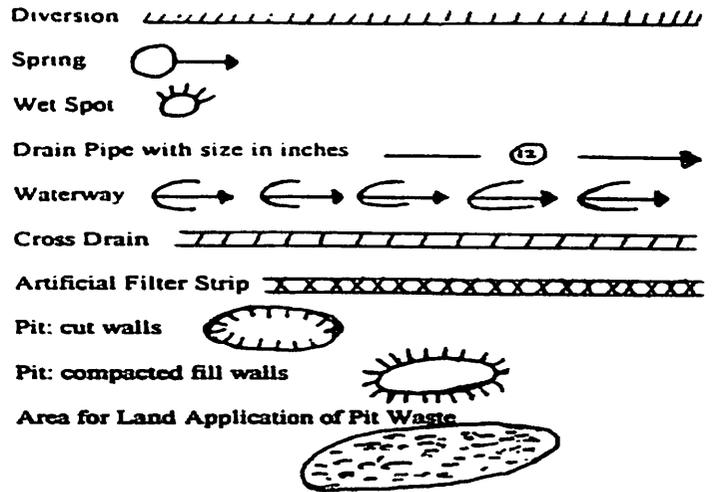
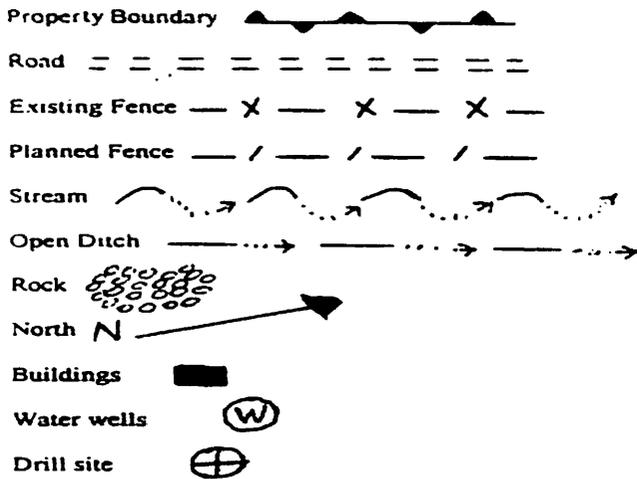
Jacqueline P. Mullen

My commission expires Dec. 8, 2019



01/08/2016

LEGEND



Proposed Revegetation Treatment: Acres Disturbed Approx 0.3 AC Prevegetation pH 6.0

Lime N/A (SEE BELOW) Tons/acre or to correct to pH _____

Fertilizer (10-20-20 or equivalent) N/A lbs/acre (500 lbs minimum)

Mulch N/A (SEE BELOW) Tons/acre

Seed Mixtures

Seed Type	Area I	lbs/acre
Tall Fescue		40
Ladino Clover		5

Seed Type	Area II	lbs/acre
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.

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Plan Approved by: _____

Comments: _____

Title: _____ Date: _____

Field Reviewed? () Yes () No

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



Section of
Oxford and New Milton
7.5' Quadrangles
SCALE 1"=1000'

01/08/2016

1702198 P

WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas
WELL LOCATION FORM: GPS

API: 47-017-2198 WELL NO.: 8
FARM NAME: J. H. Bode
RESPONSIBLE PARTY NAME: S. L. Meadows, Jr. Production, Inc.
COUNTY: Doddridge DISTRICT: Cove
QUADRANGLE: Oxford 7.5
SURFACE OWNER: Timothy Defazio
ROYALTY OWNER: S. L. Meadows, Jr. Production, Inc.
UTM GPS NORTHING: 4,334,649 (NAD 83)
UTM GPS EASTING: 521,316 (NAD 83) GPS ELEVATION: 328 m or 1076 feet

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

- Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
- Accuracy to Datum – 3.05 meters
- Data Collection Method:
Survey grade GPS : Post Processed Differential
Real-Time Differential
Mapping Grade GPS : Post Processed Differential
Real-Time Differential

Received
Office
MAY 13 2015

4. **Letter size copy of the topography map showing the well location.**
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.

[Signature] Professional Surveyor March 11, 2015
Signature Title Date

01/08/2016