

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**5. Lease Serial No.  
LC-029020 (L)6. If Indian, Allottee or Tribe Name  
N/A**SUBMIT IN TRIPLICATE – Other instructions on page 2.**

## 1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other2. Name of Operator  
Premier Oil & Gas Inc.3a. Address  
P.O. Box 1246  
Artesia, NM 88211-12463b. Phone No. (include area code)  
972-470-02284. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Unit J : 1650 from the South Line and 1650 from the East Line  
Section 15, Township 17S, Range 30E, Eddy County7. If Unit of CA/Agreement, Name and/or No.  
N/A8. Well Name and No.  
Dexter Federal #19. API Well No.  
30-015-0415610. Field and Pool or Exploratory Area  
Grayburg Jackson, SR, O, GB, SA11. Country or Parish, State  
Eddy County, New Mexico

## 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

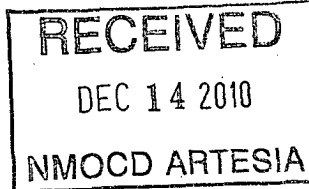
TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input checked="" type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

1. Set Composite Bridge Plug @ 2605'.
2. Run 2600' of 2-7/8" J-55 6.5# Tubing
3. RYT wrap o.d. of tubing from Surface to ~1125' (TOC) for corrosion prevention.
4. Cement casing w/ 133 sx of C class P+ w/ .3% Halad@ -322 (Dispersant) and circulate
5. Pressure Test to 500 psi for 30 min.
6. Drill out cement and plug.
7. Run 2-1/16" plastic coated tubing w/ pkr set @ 2195'.
8. Pressure test 4 1/2" annulus per MIT requirements.

**SUBJECT TO LIKE  
APPROVAL BY STATE**

Notify BLM (575-361-2822) a minimum of 24 hrs prior to starting work to witness cementing and pressure test.



Accepted for record  
NMOC D  
12/15/10

14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)  
Daniel Jones

Title Vice President

Signature

Date 12/06/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

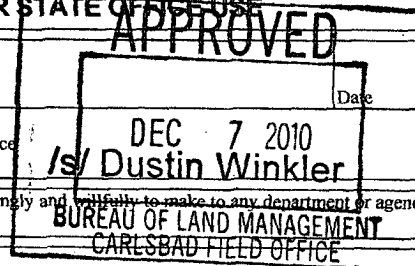
Date

Office

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)



Casing set at 2600 ft from surface.

$$l_c := 2600 \text{ ft}$$

Barrells conversion.

$$\text{bbl} := 42 \text{ gal}$$

Casing Liner dimensions.

$$d_{4.5id} := 4.052 \text{ in}$$

$$d_{2.875od} := 2.875 \text{ in}$$

Slurry Yield per sack

$$s_y := 1.33 \text{ ft}^3$$

4.5 Inch Liner volume to 2600 ft.

$$V_{4.5} := \frac{\pi \cdot d_{4.5id}^2}{4} \cdot l_c$$

$$V_{4.5} = 41.47 \text{ bbl}$$

$$V_{2.875} = 20.877 \text{ bbl}$$

Total Volume

$$V_c := V_{4.5} - V_{2.875} \quad V_c = 20.592 \text{ bbl}$$

Volume to be subtraced from 4.5 inch liner

$$V_{2.875} := \frac{\pi \cdot d_{2.875od}^2}{4} \cdot l_c$$

Total Volume of cemente + 50%

$$V_{50} := V_c + V_c \cdot 50\%$$

$$V_{50} = 30.888 \text{ bbl}$$

Calculated Sacks of cement needed for Job

$$sx := \frac{V_{50}}{s_y} \quad sx = 130.395$$

**Calculated sx: 130.395 sks**

**Proposed sx: 133 sks**

# Wellbore Diagram

API: 30-015-04156

DEXTER FEDERAL #1

Company Name: Premier Oil & Gas Inc.

Location: J-15-17.0S-30E, 1650 FSL, 1650 FEL Lat: 32.8318370436 Long: -103.956668674

County: Eddy

Elevation: 3683' DF: 3697'

## Squeeze

In 2005 Squeeze @ 280, 298, 2 shots, 500 sx, circ 22 sx to pit.

In Nov. 2010, Squeeze @ 301 – 315 2 spf, 2212 sx. Couldn't establish circulation.

8-1/4" Casing: 541'

TOC: @1125' in 1983

## Casing Information:

Hole Size: UNK

Casing Size: 8-1/4"

Setting Depth: 541', 150 sx

Hole Size: UNK

Casing Size: 7"

Setting Depth: 1650' – 2825', 100 sx

Hole Size: 6 1/4"

Casing Size: 4 1/2" (9.5#) Setting Depth: 3511', 150 sx

7" Casing: 1650' – 2825'

## Perforation Information:

<u>Top</u>	<u>Bottom</u>	<u>Shots/Ft</u>	<u>Total Shots</u>	<u>Stimulation</u>
3,016	3,026	1 SPF	7	500 gal 15% HCL
3,297	3,479	UNK	216	N/A
2640	2878	1 SPF	25	2500 gal 15% HCL

## Fracture Information:

Frac w/ 20,000 gal slick water & 35,000# 20-40 sand.

Frac w/ 25,000# sand

7" Casing: 1650' – 2825'

Perf: 2,640' – 2,878'

Perf: 3016' – 3,026'

4 1/2" Casing: 3511'

Perf: 3,297 – 3,479'

PBTD: 3,511'; TD: 3,543'