

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

## 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.

NM-15862

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

QUAIL FEDERA 3

9. API Well No.

30-055-62709

10. Field and Pool, or Exploratory Area

PECOS SLOPE ABO

11. County or Parish, State

CHAVES

NM

## SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well

☐

Oil Well

☒

Gas Well

☐

Other

2. Name of Operator

GREAT WESTERN DRILLING COMPANY

3a. Address

P.O. BOX 1659 MIDLAND, TX 79702

3b. Phone No. (include area code)

(432)682-5241

4. Location of Well (Footage, Sec., T, R., M., or Survey Description)

1,980 NORTH &amp; 660 WEST

UL: E, Sec: 23, T: 06S, R: 25E

APR 10 2008

OCD-ARTESIA

## 12. CHECK 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 type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" 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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

FILL CASING WITH SALT GEL MUD CONSISTING OF 10# BRINE WITH 25 LB/BBL SALT GEL.

SET 25 SACKS CLASS C CEMENT PLUG 3,670' TO 3,417'.

SET 25 SACKS CLASS C + 2% CaCl<sub>2</sub> CEMENT PLUG 954' TO 701' AND TAG.

SET 10 SACK CLASS C CEMENT PLUG 60' TO GROUND LEVEL.

CUT OFF WELL HEAD AND ERECT SURFACE MARKER.

Set 25sx 1600-1400, WDC+TA6, Gloria A.

Perf + Seq 2  
min 50 ft AT SurfaceAPPROVED FOR 3 MONTH PERIODENDING 7-2-08

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APR - 2 2008

GARY GOURLEY  
PETROLEUM ENGINEER

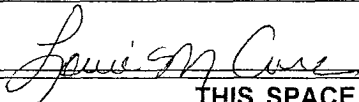
14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

LOUIE M. CURE

Title CONSULTANT

Signature



Date 03/24/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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.

Office

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.

Great Western Dring. 432-682-528

Quail Fed #3

1980/N 660/W, Sec 23-E, 6S-25E

Chaves Co, NM

NM 15862

30-005-62709

CIRC  
CMT

10 3/4" 5 1/2"  
TOC  
est.  
500'

4th PLUG

Perf+SQZ  
min 50ft  
CMT plug

- Grayburg 514'

- S. Andres 744'

904'

Glorieta 1560'

3rd plug - 25SX  
AT SHOE - TAG  
min 50 in, 50 out

CORRECTION  
Add PLUG

2nd plug 25SX 1600-1400  
Glorieta Zone  
WOC + TAG

- Tubb 2976'

- Abo 3630'

1st plug 25SX ± 250ft

4151'

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GARY GOURLEY  
PETROLEUM ENGINEER

5 1/2" casing Cmt. Vol. TOC.:

$$\left[ \left[ \left( \frac{h^2}{10} \text{ bbls per 100 ft} \right) \left( 5.6 \frac{\text{cu ft}}{\text{bbl}} \right) / 1.6 \frac{\text{cu ft}}{\text{sx}} \right] \cdot \frac{1200'}{\text{sx run}} \right] \cdot 100 - \text{TD} = \text{TOC est.}$$

$$\left( \left( \left( \frac{9}{10} \right)^2 \right) (5.6) / 1.6 \right) \left( \frac{1}{1200} \right) \cdot 100 - 4151' = 561 \text{ FT, } 3160.4 \text{ reports } 470', \text{ OK}$$

(1.33)