

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. DIV-List 2  
1301 W. Grand Avenue  
Artesia, NM 88210

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

**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.**

Lease Serial No.

**NM 36408**

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

**Rose Federal 16**

9. API Well No.

**30 005 63414**

10. Field and Pool, or Exploratory Area

**Pecos Slope EIA 547405**

11. County or Parish, State

**Chaves**

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

**EXCO Resources, Inc.**

3a. Address **6500 Greenville Ave., Ste 600**

3b. Phone No. (include area code)

**Dallas, Texas 75206**

**214 368 2084**

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

**M-20-05S-25E 100' N of Center SW SW**

**660' FSL & 660' FWL**

**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 checked="" type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input checked="" 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 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 recompletion 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.)

BLM/BIA Bond No. on file: NM 2831

Propose to test, perforate and stimulate the Wolfcamp formation.  
Prior to completing in the Pecos Slope Abo. with possible commingle of  
Abo. and Wolfcamp.  
See attached work procedure.

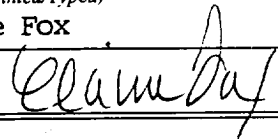
14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

**Elaine Fox**

Title **Production Tech**

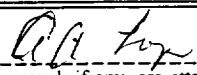
Signature



Date **4-22-02**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by



Title **PE**

Date

**4/25/02**

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 **RF0**

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 reverse)

Rose Federal No. 16  
Pecos Slope Field  
Chaves County, NM  
Workover Procedure

1. Deliver wellhead equipment to location. Make final cut on 4-1/2" casing. Weld on bell nipple.
2. MIRU workover rig.
3. MIRU EL unit. GIH w/CBL/CCL from PBTD @ 4,385' to TOC.
4. PU 4jts 2-3/8" tail pipe, 4-1/2" packer and 2-3/8" tubing. GIH w/same to  $\pm$  4,100'. Set pkr. @ same w/20K in compression.
5. PU perforating gun. GIH w/1-11/16" Ported TTP gun to  $\pm$  4,344'. Perforate for production @ 4,344' - 52'. POOH. RD EL unit.
6. MIRU BJ Services. Perform Ball-out Acid job per BJ procedure.
7. RD BJ Services and connect flow back equipment.
8. Place well on test.
9. Swab well in if needed.

Jps  
April 16, 2002

Rose Federal No. 16  
Pecos Slope Field  
Chaves County, NM  
AFE No.  
Workover Procedure

Objective: Perforate and Stimulate The Wolfcamp Formation.

Ground Level: 3,836' above sea level

Datum: 3,848' Kelly Bushing, 12' above ground level

KOP: 1,243'

Total Depth: 4,442' (MD)/ 4,389' (TVD)

PBTD: 4,385' (MD)

Casing: 14-3/4" 60#/ft conductor set @ 40'  
Cmt'd to surface.  
9-5/8" 36#/ft J-55 ST&C @ 905'  
Cmt'd w/400 sxs BJ Lite  
Follow'd w/200 sxs Class "C" w/2% CaCl2  
4-1/2" 10.5#/ft J-55 ST&C @ 4,436'  
Cmt'd w/350 sxs Super "C" Modified

Current  
Perforations: NA

Proposed  
Perforations: 4,344' - 52' "Wolfcamp Formation"

Prepared By: J. P. Shinn

4/15/2002