

Oil Cons.  
N.M. DIV-Dist. 2  
1801 W. Grand Avenue  
Artesia, NM 88210

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2004

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No.  
**NM 36408**

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.  
**Rose Federal 15**

9. API Well No.  
**30 005 63404**

10. Field and Pool, or Exploratory  
**Pecos Slope EIA 547405**

11. Sec., T., R., M., on Block and Survey or Area  
**20 T5S R25E**

12. County or Parish  
**Chaves**

13. State  
**NM**

17. Elevations (DF, RKB, RT, GL)\*  
**3837' GL**

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other

b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,  
Other \_\_\_\_\_

2. Name of Operator  
**EXCO RESOURCES, INC.**

3. Address **6500 Greenville Ave., Ste 6030** Phone No. (include area code)  
**Dallas, TX 75206**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
**At surface Unit E Sec 20-T5S-R25E; 1980' RNL & 660' FWL**  
**Chaves Co., NM**  
**At top prod. interval reported below**  
**At total depth**

14. Date Spudded  
**9-24-01**

15. Date T.D. Reached  
**10-05-01**

16. Date Completed  
☐ D & A ☒ Ready to Prod.

18. Total Depth: MD **4356'** TVD **4356'**

19. Plug Back T.D.: MD **4247'** TVD **4247'**

20. Depth Bridge Plug Set: MD **TVD**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

**Compensated Neutron-GR**  
**Laterlog Micro CFL-GR**

22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit report)  
Directional Survey? ☐ No ☒ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
24"	14-3/4"	60	surface	40'		ready mix w/200 sx		surface	
12-1/4"	9-5/8"	36	surface	925'		400 SX Lite		surface	
7-7/8"	4-1/2"	10.5	surface	4356'		200 Class C 375 SX "C"			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) <b>Abo</b>	<b>3606'</b>	<b>3821'</b>	<b>3658 - 3821'</b>	<b>.34</b>		
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
<b>3652'-3842'</b>	<b>w/1000 ga 7.5% + NEFE + 76 ball sealers in 4 stages</b> <b>perf'd w/ 3-1/8 0.34 HD</b>

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
<b>5/28/02</b>	<b>5/27/02</b>	<b>24</b>	<b>→</b>	<b>0</b>	<b>550</b>	<b>0</b>			<b>Flowing</b>
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
<b>24/64</b>		<b>280</b>	<b>→</b>	<b>0</b>	<b>550</b>	<b>0</b>		<b>Producing</b>	

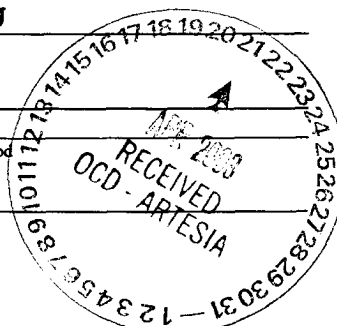
28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			<b>→</b>						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

ACCEPTED FOR RECORD

APR 17 2003

ARMANDO A. LOPEZ  
PETROLEUM ENGINEER



## 3b. Production - Interval C

ate First roduced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
hoke ize	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

## 3c. Production - Interval D

ate First roduced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
hoke ize	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

1. Disposition of Gas (Sold, used for fuel, vented, etc.)

sold

1. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
<b>Abo</b>	<b>3658'</b>	<b>3821'</b>			

2. Additional remarks (include plugging procedure):

3. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.)      2. Geologic Report      3. DST Report      4. Directional Survey  
5. Sundry Notice for plugging and cement verification      6. Core Analysis      7. Other:

4. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Elaine Fox Title Production Tech  
Signature Elaine Fox Date 4-1-03

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.