

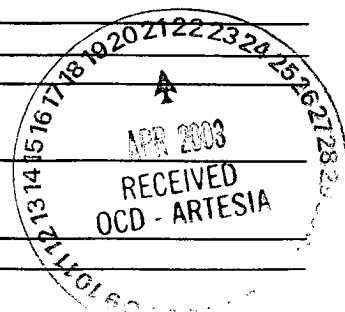
Oil Cons.
N.M. DIV-Dist. 2
1901 W. Grand Avenue
Artesia, NM 88210

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resrv. Other _____						5. Lease Serial No. NM 36408			
2. Name of Operator EXCO Resources Inc.						6. If Indian, Allottee or Tribe Name			
3. Address 6500 Greenville Ave., Ste 600				3a. Phone No. (include area code) 254 629 3991		7. Unit or CA Agreement Name and No.			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Unit M Sec 19-T5S-R25E 760' FSL & 760' FWL Chaves Co., NM At top prod. interval reported below At total depth						8. Lease Name and Well No. Rose Federal 14			
14. Date Spudded 10-09-01						9. API Well No. 30 005 63413			
						10. Field and Pool, or Exploratory Pecos Slope EIA 547405			
						11. Sec., T., R., M., on Block and Survey or Area Sec 19-T5S-R25E			
15. Date F.D. Reached 10-23-01						12. County or Parish Chaves			
16. Date Completed ☐ D & A ☒ Ready to Prod.						13. State NM			
17. Elevations (DF, RKB, RT, GL)* 3874' GL									
18. Total Depth: MD 4360' TVD 4360'			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 Laterolog 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
12-1/4"	9-5/8"	36	surface	917'		400 lite 200 "C"		surface	
24"	7"	20	surface	1600'		200 sx "C" 2% CaCl		surface	
7-7/8"	4-1/2"	10.5	surface	4309'		200 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					26. Perforation Record				
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status			
A) Abo	3625'	4238'		.34					
B)									
C)									
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.									
Depth Interval	Amount and Type of Material								
3684' - 4029'	acidize Abo Perf w/1000 gal 7.5% NEEF HCL; 72 ball sealers in 4 stages. Frac Perfs 3684-4029'								
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
5/28	5/27	24	→	0	540	0			Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
24/64		160	→	0	540	0		Producing	
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
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						



28b. Production - Interval C

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

28c. Production - Interval D

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

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

sold

30. 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
Abo	3658'	3821'			

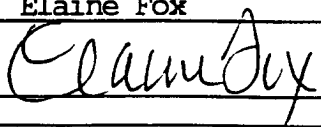
32. Additional remarks (include plugging procedure):

33. 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:

34. 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  Date 6-10-02

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.

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

T. Anhy	T. Canyon
T. Salt	T. Strawn
B. Salt	T. Atoka
T. Yates	T. Miss
T. 7 Rivers	T. Devonian
T. Queen	T. Silurian
T. Grayburg	T. Montoya
T. San Andres	T. Simpson
T. Glorieta	T. McKee
T. Paddock	T. Ellenburger
T. Blinebry	T. Gr. Wash
T. Tubb	T. Delaware Sand
T. Drinkard	T. Bone Springs
T. Abo 3625'	T. _____
T. Wolfcamp 4238'	T. _____
T. Penn	T. _____
T. Cisco (Bough C)	T. _____

Northwestern New Mexico

T. Ojo Alamo _____	T. Penn. "B" _____
T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Pictured Cliffs _____	T. Penn. "D" _____
T. Cliff House _____	T. Leadville _____
T. Menefee _____	T. Madison _____
T. Point Lookout _____	T. Elbert _____
T. Mancos _____	T. McCracken _____
T. Gallup _____	T. Ignacio Otzte _____
Base Greenhorn _____	T. Granite _____
T. Dakota _____	T. _____
T. Morrison _____	T. _____
T. Todilto _____	T. _____
T. Entrada _____	T. _____
T. Wingate _____	T. _____
T. Chinle _____	T. _____
T. Permian _____	T. _____
T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1 from 3670 to 3846'

No. 2 from 4011 to 4032'

No. 3, from.....to.....

No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1 from to feet.....

No. 1 from to feet

No. 1 from _____ to _____ feet.

ETIOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

WELL NAME AND NUMBER Rose Federal No. 14
 LOCATION SWSW, 760' FSL & 460' FWL, Section 19-05S-25E, Chaves County NM
 OPERATOR ENCO Resources, Inc.
 DRILLING CONTRACTOR United Drilling, Inc.

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and had conducted deviation tests and obtained the following results:

<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
<u>1/4° 502'</u>	<u> </u>	<u> </u>
<u>1/2° 1007'</u>	<u> </u>	<u> </u>
<u>3/4° 2409'</u>	<u> </u>	<u> </u>
<u>3/4° 3011'</u>	<u> </u>	<u> </u>
<u>1° 3493'</u>	<u> </u>	<u> </u>
<u>3/4° 4011'</u>	<u> </u>	<u> </u>
<u>1° 4360'</u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>



Drilling Contractor United Drilling, Inc.

By: George A. Aho
 George A. Aho

Title: Business Manager

Subscribed and sworn to before me this 26th day of October,
2001.

Karina Tanbersley
 Notary Public

My Commission Expires: 9 25 03

Chaves NM
 County State