

N.M. Oil Cons. Div-Dist. 2
1301 W. Grand Avenue
Artesia, NM 88210

Form 3160-4
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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. Resvr.,
 Other _____

2. Name of Operator **Forest Oil Corporation**

3. Address **1600 Broadway, Suite 2200**

3a. Phone No. (include area code)
303-812-1554

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface **SENW 2000' FNL 2180' FWL**

At top prod. interval reported below

At total depth

14. Date Spudded
11/16/2004

15. Date T.D. Reached
12/07/2004

16. Date Completed **12/22/2004**
☐ D & A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
3481' GL

18. Total Depth: MD
TVD 8424'

19. Plug Back T.D.: MD
TVD 8365'

20. Depth Bridge Plug Set: MD
TVD

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

Computalog W/L

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17-1/2"	13-3/8"	54.5#	0'	900'		670 sx CI C		Surface	
12-1/4"	8-5/8"	32#	0'	4526'		1300 sx CI C		Surface	
7-7/8"	5-1/2"	17#	0'	8409'		1075 sx CI C	420	4130'	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	7357'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Delaware			8139'-8290'	3-1/8"	18	
B) Delaware			7474'-7528'	3-1/8"	20	
C) Delaware			7060'-7072', 6658'-6966'	3-1/8"	21	
D) Delaware			6266'-6271'	3-1/8"	20	

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

Depth Interval	Amount and Type of Material
8139'-8290'	2000 gal 15% anti-sludge acid & frac formation w/69,000# 20/40 white, spot 500 gals 15% anti-sludge acid
7263'-7528'	1000 gal 15% anti-sludge acid & frac formation w/103,000# 20/40 white, spot 500 gals 15% anti-sludge acid
6658'-7072'	1000 gal 15% anti-sludge acid & 7000 gals Aqua Frac flush, 22000 gal 20/40 sand
6266'-6271'	500 gal 15% anti-sludge acid & 6500 gals Acqua Frac Flush, 8000 gal 20/40 sand

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
12/23/2004	01/10/2005	24	→	29	33	434			Rod Pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
	SI	54	→	29	33	434	1172		

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	
	SI		→						

*(See instructions and spaces for additional data on page 2)

5. Lease Serial No.
NMNM22080

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
Barclay Federal 22

9. AFI Well No.
30-015-33654-00-X1 S1

10. Field and Pool, or Exploratory
Sand Dunes

11. Sec., T., R., M., on Block and Survey or Area **Sec. 12 T23S R31E Mer NMP SME:BL**

12. County or Parish **Eddy** 13. State **NM**

RECEIVED
JAN 27 2005
OCU-ARTESIA

ACCEPTED FOR RECORD

JAN 24 2005

ALEXIS C. SWOBODA
PETROLEUM ENGINEER

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.)

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
Rustler	763'	1162'	Sandstone, shales & siltstones		
Castile					
Anhydrite/Salt	1163'	4482'	Sandstone, shales & siltstones		
Del-Lamar Sh	4483'	4507'	Shales & siltstones		
Del-Bell Canyon	4508'	5412'	Sandstone, shales & siltstones		
Del-Cherry Canyon	5413'	7047'	Sandstone, shales & siltstones		
Del-Brushy Canyon	7048'		Sandstone, shales & siltstones		
Del-L. Brushy Canyon	7048'		Sandstone, shales & siltstones		

32. Additional remarks (include plugging procedure):

Perfs: 8284-90', 64-65', 8183'
 8173-78', 8139-40'
 7522-28', 7474-78'
 7072', 7068', 7064', 7060'
 6966'-68', 6859', 6815'-18', 6773'
 6690'-92', 6658'-61'

33. Indicate which items have been attached by placing a check in the appropriate boxes:

☒ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geologic Report ☐ DST Report ☒ Directional Survey
☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☐ 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) Anna WallsTitle Land Tech

Signature

Date 01/14/2005

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.