

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM 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: **RE-ENTRY**

2. Name of Operator  
Yates Petroleum Corporation

3. Address  
105 S. 4th Str., Artesia, NM 88210

3a. Phone No. (include area code)  
505-748-1471

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

At Surface 660'FSL & 2310'FEL (Unit O, SWSE)

At top prod. interval reported below

Same as above

At total depth Same as above

RECEIVED

DEC 22 2004

ORR-ARTESIA

5. Lease Serial No.

NM-105216

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.

Barney BEF Federal #1

9. API Well No.

30-015-26799

10. Field and Pool, or Exploratory

Cabin Lake Delaware

11. Sec., T., R., M., on Block and  
Survey or Area

Section 1-T22S-R30E

12. County or Parish

Eddy

13. State

New Mexico

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

3335'GL 3352'KB

14. Date Spudded  
RE 9/28/04

15. Date T.D. Reached  
NA

16. Date Completed 11/4/04  
☐ D & A ☒ Ready to Prod.

18. Total Depth: MD 7808'  
TVD NA

19. Plug Back T.D.: MD 7761'  
TVD NA

20. Depth Bridge Plug Set: MD NA  
TVD NA

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

CBL

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)	State Cementer Depth	No. of Sks & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17-1/2"	13-3/8"	54.5#	Surface	351'		In Place		Surface	
11"	8-5/8"	32#	Surface	3642'		In Place		Surface	
7-7/8"	5-1/2"	15.5#, 17#	Surface	7808'		900 sx		1715'CBL	

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"	7669'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Delaware	7450'	7640'	7450'-7476'		2	Producing
B)			7510'-7524'		15	Producing
C)			7586'-7590'		5	Producing
D)			7634'-7640'		7	Producing

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

Depth Interval	Amount and Type of Material
7510'-7640'	Acidize w/1250g 7-1/2% IC HCL acid w/42 ball sealers
7450'-7476'	Acidize w/750g 7-1/2% IC HCL w/41 ball sealers
7450'-7640'	Frac w/XL Delta frac 140 w/929 bbls fluid, 85,000# 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
11/5/04	12/8/04	24	⇒	27	77	275	NA	NA	Pumping
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
NA	NA	NA	⇒	27	77	275	NA	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.	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.	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.	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

and recoveries:					
Formation	Top	Bottom	Description, Contents, etc.	Name	Top
					Meas Depth
				REFER TO ORIGINAL COMPLETION	

## 32. Additional remarks (include plugging procedure):

## 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:

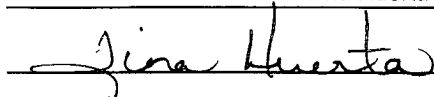
## 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print)

Tina Huerta

Title Regulatory Compliance Supervisor

Signature



Date December 20, 2004

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.