

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 1450'FNL & 660'FWL (Unit E, SWNW)

At top prod. Interval reported below

Same as above

At total depth Same as above

RECEIVED

MAR 29 2004

OCD-ARTESIA

5. Lease Serial No.

NM-07384

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.

Comanchero BCZ Fed Com #1

9. API Well No.

30-005-62113

10. Field and Pool, or Exploratory

Pecos Slope Abo

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

Section 26-T10S-R25E

12. County or Parish 13. State

Chaves

New Mexico

14. Date Spudded  
RE 12/26/03

15. Date T.D. Reached  
1/6/04

16. Date Completed 2/16/04  
☐ D & A ☒ Ready to Prod.

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

3788'GL 3805'KB

18. Total Depth: MD 5566'  
TVD NA

19. Plug Back T.D.: MD 5440'  
TVD NA

20. Depth Bridge Plug Set: MD 5440'  
TVD NA

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

CNL, Hi-Res Laterolog Array, CBL  
Borehole Compensated Sonic

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
14-3/4"	10-3/4"	40.5#	Surface	840'		In Place			
7-7/8"	4-1/2"	10.5#	Surface	5566'		775 sx		2974' 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)

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Abo	4100'	4376'				
B)						
C)						
D)						

See Attached Sheet

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

Depth Interval	Amount and Type of Material
5454'-5468'	Acidize w/1400g 7-1/2% IC acid and 45 balls
5334'-5338'	Acidize w/400g 7-1/2% IC acid and 36 balls
4100'-4376'	Frac w/110,000g 55Q CO2 foam and 250,000# 16/30 Brady 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
2/17/04	3/11/04	24 hrs	⇒	0	31	0	NA	NA	Flowing
Choke Size 28/64	Tbg. Press. Flwg. 110 psi	Csg. Press. NA	24 Hr. Rate ⇒	Oil BBL 0	Gas MCF 31	Water BBL 0	Gas: Oil Ratio NA	Well Status	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

Formation	Top	Bottom	Description, Contents, etc.	Name	Top
					Meas Depth
				Queen	196'
				Penrose	265'
				Grayburg	502'
				San Andres	701'
				Glorieta	1828'
				Yeso	1899'
				Tubb	3326'
				Abo	4076'
				Wolfcamp	4758'
				Wolfcamp B Zone	4838'
				Spear	5106'
				Cisco	5324'
				Pre-Cambrian	5454'

## 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) Tina Huerta Title Regulatory Compliance SupervisorSignature Date March 15, 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.

Yates Petroleum Corporation  
Comanchero BCZ Federal Com #1  
Section 26-T10S-R25E  
Chaves County, New Mexico

**Form 3160-4 continued:**

**26. Perforation Record**

Perforated Interval	Size	No. Holes	Perf. Status
5454'-5468'		30	Under CIBP
5334'-5338'		24	Producing
4100'-4118'		19	Producing
4208'-4242'		35	Producing
4333'-4342'		10	Producing
4366'-4376'		11	Producing