Form 3160-4
(September 2001)

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

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 1 8 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
Wildcat Upper Pennsylvanian
B. [illegible] Penn Gas

11. Sec., T.,R.,M., on Block and Survey or Area
Section 26-T10S-R25E

12. County or Parish
Chaves

13. State
New Mexico

14. Date Spudded
RE 12/26/03

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

16. Date Completed 3/14/04
☐ 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
A)	Cisco	5334'	5338'
B)			
C)			
D)			

26. Perforation Record

Perforated Interval	Size	No. Holes	Perf. Status
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 CO_2 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
3/15/04	1/21/04	24 hrs	⇨	0	25	0	NA	NA	Flowing

Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status
1/8"	60 psi	NA	⇨	0	25	0	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

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 Supervisor

Signature Tina Huerta 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