

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTN.M. Oil Cons. DIV-Dist. 2
1301 W. Grand Avenue
Artesia, NM 88210FORM 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:

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 960'FNL & 990'FEL (Unit A, NENE)

At top prod. interval reported below

Same as above

At total depth Same as above

RECEIVED

JUL 22 2004

OCD-ARTEZIA

5. Lease Serial No.

NM-101575

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

NM-111035

8. Lease Name and Well No.

Cooker BCB Federal Com #2

9. API Well No.

30-005-63648

10. Field and Pool, or Exploratory

Pecos Slope Abo

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

Section 21-T6S-R26E

12. County or Parish 13. State

Chaves

New Mexico

14. Date Spudded
RH 4/17/04 RT 4/20/04

15. Date T.D. Reached
5/6/04

16. Date Completed 7/12/04
☐ D & A ☒ Ready to Prod.

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

3636'GL 3653'KB

18. Total Depth: MD 5530'
TVD NA

19. Plug Back T.D.: MD 4700'
TVD NA

20. Depth Composite Plug Set: MD 4700'
TVD NA

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

CNL, Hi-Res Laterolog Array, Borehole
Compensated Sonic, 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
14-3/4"	11-3/4"	42#	Surface	952'		800 sx		Surface	
7-7/8"	5-1/2"	15.5#	Surface	5530'		514 sx		2950' 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"	3735'	3735'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Abo	3796'	4206'				
B)						
C)						
D)						

See Attached Sheet

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

Depth Interval	Amount and Type of Material

See Attached Sheet

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
7/13/04	7/15/04	24	⇒	0	356	84	NA	NA	Flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press. Packer	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
15/64"	220 psi		⇒	0	356	84	NA		

ACCEPTED FOR RECORD
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	
			⇒						

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ARMANDO A. LOPEZ
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.	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.

Formation	Top	Bottom	Description, Contents, etc.	Name	Top
					Meas Depth
				Queen	218'
				Penrose	298'
				Grayburg	430'
				San Andres	620'
				Glorieta	1566'
				Yeso	1682'
				Tubb	3108'
				Abo	3742'
				Wolfcamp	4436'
				Wolfcamp B Zone	4524'
				Spear	4762'
				Cisco	5030'
				Strawn	5192'
				Siluro-Ordovician	5384'
				PreCambrian	5420'

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: Deviation Survey

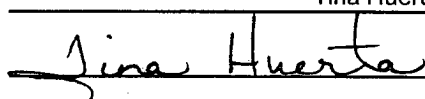
34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print)

Tina Huerta

Title Regulatory Compliance Supervisor

Signature



Date July 14, 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
 Cooker BCB Federal #2
 Section 21-T6S-R26E
 Chaves County, New Mexico

Form 3160-4 continued:

26. Perforation Record

Perforated Interval	Size	No. Holes	Perf Status
5388'-5398'		40	Under CP
5070'-5076'			Under CP
5086'-5098'			Under CP
5122'-5128'			Under CP
5132'-5136'			Under CP
4772'-4778'		24	Under CP
4050'-4072'			Producing
4126'-4138'			Producing
4180'-4206'			Producing
3796'-3814'			Producing
3822'-3832'			Producing
3876'-3886'			Producing
3938'-3956'			Producing

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

Depth Interval	Amount and Type of Material
5388'-5398'	Acidize w/1000g 20% IC HCL Re-acidize w/4000g 20% IC HCL and balls
5070'-5136'	Acidize w/2000g 7-1/2% IC HCL and balls
4772'-4778'	Acidize w/800g 15% IC HCL
4050'-4206'	Frac w/108,000g 55Q CO2 foamed 35# gelled 7% KCL water carrying 250,000# 16/30 Brady sand