

WELL COMPLETION OR RECOMPLETION REPORT

Artesia, NM 88210

Lease Serial No.

1a. Type of Well  Oil Well  Gas Well  Dry  Other

b. Type of Completion:  New Well  Work Over  Deepen  Plug Back  Diff. Resvr.,  Other **RECOMPLETION**

NM-29211

2. Name of Operator  
Yates Petroleum Corporation

6. If Indian, Allottee or Tribe Name

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

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

8. Lease Name and Well No.  
Engwall RL Federal #4

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

At Surface 1980'FSL & 1650'FEL (Unit J, NWSE)

At top prod. interval reported below Same as above

At total depth Same as above

RECEIVED

JAN 16 2004

OCD-ARTESIA

9. API Well No.  
30-005-63284

10. Field and Pool, or Exploratory  
Pecos Slope Abo

11. Sec., T., R., M., on Block and Survey or Area  
Section 4-T9S-R26E

12. County or Parish 13. State  
Chaves New Mexico

14. Date Spudded RC 12/2/03

15. Date T.D. Reached NA

16. Date Completed 12/12/03  
 D & A  Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*  
3856'GL 3869'KB

18. Total Depth: MD 6510'  
TVD NA

19. Plug Back T.D.: MD 5370'  
TVD NA

20. Depth Bridge Plug Set: MD 5370'  
TVD NA

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

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 Skis & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
REFER TO ORIGINAL COMPLETION									

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	4370'	4370'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Abo	4428'	4847'				
B)						
C)						
D)						

26. Perforation Record

See Attached Sheet

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

Depth Interval	Amount and Type of Material
4428'-4847'	Frac w/55Q CO2 foam x-linked gelled 7% KCL water carrying 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
12/13/03	1/4/04	24 hrs	↻	0	827	0	NA	NA	Flowing
Choke Size 24/64"	Tbg. Press. Flwg. 200 psi	Csg. Press. Packer	24 Hr. Rate ↻	Oil BBL 0	Gas MCF 827	Water BBL 0	Gas: Oil Ratio NA	Well Status	

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	

ACCEPTED FOR RECORD

Producing

JAN 14 2004

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.

31. Formation (Log) Markers

Formation	Top	Bottom	Description, Contents, etc.	Name	Top
					Meas Depth
				<b>REFER TO ORIGINAL COMPLETION</b>	

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  Date January 8, 2003

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  
Engwall RL Federal #4  
Section 4-T9S-R26E  
Chaves County, New Mexico

**Form 3160-4 continued:**

**26. Perforation Record**

Perforated Interval	Size	No. Holes	Perf. Status
4428'-4442'	.42"		Producing
4462'-4467'	.42"		Producing
4507'-4511'	.42"		Producing
4584'-4588'	.42"		Producing
4596'-4604'	.42"		Producing
4698'-4704'	.42"		Producing
4766'-4780'	.42"		Producing
4844'-4847'	.42"		Producing