

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. DIV-Dist. 2  
1301 W. Grand Avenue  
Artesia, NM 88210

FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2004  
Lease Serial No.

WELL COMPLETION OR RECOMPLETION REPORT

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. NM-29211	
b. Type of Completion: <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr., Other <b>RECOMPLETION</b>		6. If Indian, Allottee or Tribe Name	
2. Name of Operator Yates Petroleum Corporation		7. Unit or CA Agreement Name and No.	
3. Address 105 S. 4th Str., Artesia, NM 88210		8. Lease Name and Well No. Engwall RL Federal #4	
3a. Phone No. (include area code) 505-748-1471		9. API Well No. 30-005-63284	
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		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 Chaves 13. State New Mexico	

RECEIVED

JAN 16 2004

OCD-ARTESIA

14. Date Spudded RC 12/2/03	15. Date T.D. Reached NA	16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 12/12/03	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? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> 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
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				26. Perforation Record			
Formation		Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Abo		4428'	4847'				
B)							
C)							
D)							

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 12/13/03	Test Date 1/4/04	Hours Tested 24 hrs	Test Production ⇒	Oil BBL 0	Gas MCF 827	Water BBL 0	Oil Gravity Corr. API NA	Gas Gravity NA	Production Method 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.

Formation	Top	Bottom	Description, Contents, etc.	31. Formation (Log) Markers	
				Name	Top Meas Depth
				REFER TO ORIGINAL COMPLETION	


## 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