

N.M. Oil Cons. DIV-Dist. 2  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
1501 W. Grand Avenue  
Artesia, NM 88210FORM APPROVED  
OMB NO. 1004-0137  
Expires: March 31, 2007

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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-31099							
b. Type of Completion: <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input checked="" type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resrv., 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. Horn YG Federal #4							
3a. Phone No. (include area code) 505-748-1471		9. API Well No. 30-005-63680							
4. Location of Well (Report location clearly and in accordance with Federal requirements)*  At Surface 1750'FSL & 660'FEL (Unit I, NESE)  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 7-T8S-R26E 12. County or Parish Chaves 13. State New Mexico							
14. Date Spudded RC 7/29/05		15. Date T.D. Reached 2/2/05							
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 8/15/05		17. Elevations (DF, RKB, RT, GL)* 3653'GL 3670'KB							
18. Total Depth: MD 5860' TVD NA		19. Plug Back T.D.: MD 4600' TVD NA							
20. Depth Bridge Plug Set: MD 5650', 5350' & 5100' TVD NA									
21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  None for recompletion		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 Skis & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
REFER TO ORIGINAL COMPLETION									
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"	3914'	3914'							
25. Producing Intervals					26. Perforation Record				
Formation		Top	Bottom		Perforated Interval	Size	No. Holes	Perf. Status	
A) Abo		3962'	4328'						
B)					SEE ATTACHED SHEET				
C)									
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.									
Depth Interval		Amount and Type of Material							
5116'-5126'		Acidize w/1000g 7-1/2% IC acid and 90 balls							
4618'-4714'		Acidize w/2800g 20% IC acid and 168 balls							
3962'-4328'		Spotted 2500g 7-1/2% IC acid							
3962'-4328'		Frac w/125,000g 33Q CO2 foam and 250K 20/40 Brown							
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
8/16/05	8/19/05	24	⇒	0	579	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	
20/64"	250 psi	Packer	⇒	0	579	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	
			⇒						

ACCEPTED FOR RECORD  
DAVID R. GLASS  
SEP 22 2005  
DAVID R. GLASS  
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

and recoveries:					
Formation	Top	Bottom	Description, Contents, etc.	Name	Top
					Meas Depth
					REFER TO ORIGINAL COMPLETION

## 32. Additional remarks (include plugging procedure):

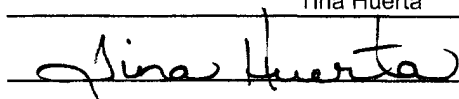
## 33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ 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 September 19, 2005

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  
Horn YG Federal Com #4  
Section 7-T8S-R26E  
Chaves County, New Mexico

**RECOMPLETION - Form 3160-4 continued:**

26. Perforation Record

Perforated Interval	Size	No. Holes	Perf Status
5116'-5126'		60	Under CIBP
4618'-4628'		40	Under CP
4658'-4666'		32	Under CP
4704'-4714'		40	Under CP
3962'-3970'			Producing
3998'-4004'			Producing
4092'-4100'			Producing
4118'-4126'			Producing
4160'-4172'			Producing
4198'-4200'			Producing
4203'-4208'			Producing
4234'-4242'			Producing
4258'-4262'			Producing
4320'-4328'			Producing