

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM 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 type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Dry <input type="checkbox"/> Other										NM-100542	
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. Resrv., Other: <b>RE-ENTRY</b>										6. If Indian, Allottee or Tribe Name	
2. Name of Operator <b>Yates Petroleum Corporation</b>										7. Unit or CA Agreement Name and No.	
3. Address <b>105 S. 4th Str., Artesia, NM 88210</b>					3a. Phone No. (include area code) <b>505-748-1471</b>					8. Lease Name and Well No. <b>Lobo AXU Federal #1</b>	
4. Location of Well (Report location clearly and in accordance with Federal requirements)*  At Surface <b>1650'FSL &amp; 1200'FEL (Unit I, NESE)</b>  At top prod. Interval reported below <b>Same as above</b>  At total depth <b>Same as above</b>										9. API Well No. <b>30-005-61883</b>	
<div>Month-Year FEB 12 2007 OCD - ARTESIA, NM</div>										10. Field and Pool, or Exploratory <b>Wildcat Wolfcamp</b>	
										11. Sec., T., R., M., on Block and Survey or Area <b>Section 12-T9S-R27E</b>	
										12. County or Parish   13. State <b>Chaves   New Mexico</b>	
14. Date Spudded <b>RE 10/25/05</b>			15. Date T.D. Reached <b>3/15/06</b>			16. Date Completed <input type="checkbox"/> D & A <input type="checkbox"/> Ready to Prod. <b>1/30/07</b>			17. Elevations (DF, RKB, RT, GL)* <b>3879'GL 3886'KB</b>		
18. Total Depth: MD <b>7150'</b> TVD <b>NA</b>			19. Plug Back T.D.: MD <b>NA</b> TVD <b>NA</b>			20. Depth Bridge Plug Set: MD <b>NA</b> TVD <b>NA</b>					
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) <b>CNL, Hi-Res Laterolog Array, Borehole Compensated Sonic, CBL</b>					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		
10"	8-5/8"	24#	Surface	1645'		In Place					
7-7/8"	5-1/2"	17#	Surface	7140'		1650 sx		Surface			
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						26. Perforation Record					
Formation			Top		Bottom		Perforated Interval	Size	No. Holes	Perf. Status	
A)							<b>SEE ATTACHED SHEET</b>				
B)											
C)											
D)											
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.											
Depth Interval				Amount and Type of Material							
<b>SEE ATTACHED SHEET</b>											
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		
			↻								
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status			
			↻					Plug and Abandon			
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.)

## 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
				Yates	522'
				Seven Rivers	612'
				Queen	1093'
				Penrose	1193'
				Grayburg	1332'
				San Andres	1616'
				Glorieta	2744'
				Yeso	2861'
				Tubb	4270'
				Abo	5019'
				Wolfcamp	5688'
				Wolfcamp B Zone	5813'
				Spear	6048'
				Cisco	6268'
				Strawn	6408'
				Mississippian	6576'
				Siluro-Devonian	6622'
				PreCambrian	7012'

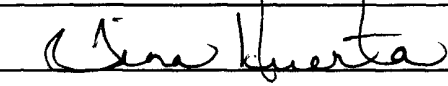
32. Additional remarks (include plugging procedure):

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 January 31, 2007

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.

**Form 3160-4 continued:**

**26. Perforation Record**


Perforated Interval	Size	No. Holes	Perf. Status
6625'-6628'		12	Under CIBP
6634'-6636'		8	Under CIBP
6270'-6274'		10	Under CIBP
6285'-6287'		4	Under CIBP
6296'-6302'		14	Under CIBP
6334'-6342'		18	Under CIBP
6160'-6161'		4	Under CIBP
6180'-6184'		10	Under CIBP
6196'-6198'		6	Under CIBP
6209'-6213'		10	Under CIBP
6220'-6224'		10	Under CIBP
6242'-6244'		6	Under CIBP
6058'-6060'		6	Under CIBP

**26. Perforation Record**

Perforated Interval	Size	No. Holes	Perf. Status
6064'-6074'		22	Under CIBP
6078'-6082'		10	Under CIBP
6092'-6112'		42	Under CIBP
6128'-6131'		8	Under CIBP
5912'-5914'		6	Under CIBP
5924'-5929'		12	Under CIBP
5939'-5941'		6	Under CIBP
5946'-5951'		12	Under CIBP
5958'-5966'		18	Under CIBP
5688'-5718'		62	Under CIBP
5758'-5770'		26	Under CIBP
5774'-5780'		14	Under CIBP

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

Depth Interval	Amount and Type of Material
6625'-6636'	Acidize w/250g 20% IC acid
6270'-6342'	Acidize w/4500g 20% gelled acid and 92 balls
6160'-6244'	Acidize w/2000g 20% IC acid
6058'-6131'	Acidize w/4000g 20% IC acid and 80 balls
5912'-5966'	Acidize w/2500g 20% IC acid and 100 balls
5688'-5780'	Acidize w/1500g 20% IC acid and 200 balls
5688'-5718'	Acidize w/1500g 20% IC acid and 60 balls.

  
Regulatory Compliance Supervisor  
January 31, 2007