

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED  
OMB NO. 1004-0137  
Expires: March 31, 2007

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other						5. Lease Serial No. <b>NM-81952</b>			
b. Type of Completion: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr., Other:						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>Llama ALL Federal #4</b>			
4. Location of Well (Report location clearly and in accordance with Federal requirements)*  At Surface <b>330'FSL &amp; 1650'FWL (Unit N, SESW)</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>30-015-342970051</b>			
10. Field and Pool, or Exploratory <b>Cabin Lake Delaware</b>						11. Sec., T., R., M., on Block and Survey or Area <b>Section 7-T22S-R31E</b>			
12. County or Parish <b>Eddy</b>						13. State <b>New Mexico</b>			
14. Date Spudded <b>RH 10/8/05 RT 10/14/05</b>		15. Date T.D. Reached <b>10/27/05</b>		16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. <b>12/18/05</b>		17. Elevations (DF, RKB, RT, GL)* <b>3348'GL 3365'KB</b>			
18. Total Depth: MD <b>7859'</b> TVD <b>NA</b>		19. Plug Back T.D.: MD <b>7813'</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, 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 Sks & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
26"	20"	Cond.	Surface	40'					
17-1/2"	13-3/8"	48#	Surface	516'		470 sx		Surface	
11"	8-5/8"	32#	Surface	3895'		1100 sx		Surface	
7-7/8"	5-1/2"	15.5#, 17#	Surface	7859'		700 sx		4170'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"	7729'								
25. Producing Intervals					26. Perforation Record				
Formation		Top		Bottom		Perforated Interval		Size	No. Holes
A) Delaware		5336'		7708'					
B)									
C)									
D)									
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
12/19/05	12/30/05	24	↗	99	66	449	NA	NA	Pumping
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
NA	NA	NA	↗	99	66	449	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  
FEB 6 2006  
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

Formation	Top	Bottom	Description, Contents, etc.	Name	Top Meas Depth
				Rustler	464'
				TOS	759'
				BOS	3872'
				Bell Canyon	3910'
				Cherry Canyon	4822'
				Brushy Canyon	6170'
				Bone Spring	7766'

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

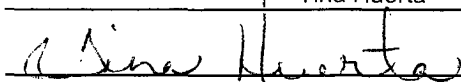
34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print)

Tina Huerta

Title Regulatory Compliance Supervisor

Signature



Date January 30, 2006

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  
 Llama ALL Federal #4  
 Section 7-T22S-R31E  
 Eddy County, New Mexico

**Form 3160-4 continued:**

26. Perforation Record			
Perforated Interval	Size	No. Holes	Perf. Status
7510'-7512'		6	Producing
7570'-7592'		23	Producing
7700'-7708'		9	Producing
7056'-7070'		30	Producing
6650'-6654'		5	Producing
6740'-6746'		7	Producing
6816'-6824'		9	Producing
6178'-6186'		9	Producing
6194'-6204'		11	Producing
5336'-5342'		7	Producing
5558'-5570'		13	Producing
5885'-5900'		16	Producing
5936'-5944'		9	Producing

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.	
Depth Interval	Amount and Type of Material
7510'-7708'	Acidize w/1500g 7-1/2% IC HCl w/70 ball sealers Frac w/XL water frac, 1744 bbls fluid, 151,000# 20/40 Super LC
7056'-7070'	Acidize w/1000g 7-1/2% IC HCl Frac w/XL water frac, 481 bbls fluid, 36,000# 20/40 sand
6816'-6824'	Acidize w/500g 7-1/2% HCl
6740'-6746'	Acidize w/500g 7-1/2% HCl
6650'-6654'	Acidize w/500g 7-1/2% HCl
6650'-6824'	Frac w/gelled fluid, pumped 50,860# 20/40 Super LC
6178'-6204'	Acidize w/1000g 7-1/2% HCl w/35 ball sealers Frac w/XL water frac, 407 bbls fluid, 32,000# 20/40 Super LC
5885'-5944'	Acidize w/500g 7-1/2% HCl w/40 ball sealers
5558'-5570'	Acidize w/500g 7-1/2% HCl
5336'-5342'	Acidize w/250g 7-1/2% HCl

OPERATOR YATES PETROLEUM CORP.  
WELL/LEASE LLAMA ALL FED. 4  
COUNTY EDDY, NM

142-0036

STATE OF NEW MEXICO  
DEVIATION REPORT

231	1.00
472	0.50
707	1.00
1,024	1.25
1,278	0.50
1,535	1.50
1,727	1.00
1,984	1.75
2,208	1.50
2,495	0.50
2,752	0.75
3,008	1.50
3,169	2.25
3,238	1.49
3,270	1.41
3,344	1.41
3,398	1.76
3,430	1.85
3,494	1.76
3,558	1.14
3,622	0.88
3,686	1.23
3,750	1.23
3,814	0.97
3,848	0.88
4,114	0.25
4,601	1.00
5,080	1.00
5,300	1.00
5,781	1.75
5,941	2.00
6,069	1.75
6,229	1.75
6,484	1.75
6,733	1.00
7,217	1.25
7,597	1.25
7,822	1.25

BY: Steve Moore

STATE OF TEXAS  
COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on \_\_\_\_\_  
Moore on behalf of Patterson - UTI Drilling Company, LP, LLLP.

November 9, 2005, by Steve

J Robertson  
Notary Public for Midland County, Texas  
My Commission Expires: 8/23/07

