

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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 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:						5. Lease Serial No. <div style="text-align: center; border: 1px solid black; padding: 5px;"> NM-90508 </div>			
2. Name of Operator <div style="text-align: center;">Yates Petroleum Corporation</div>						7. Unit or CA Agreement Name and No.			
3. Address 105 S. 4th Str., Artesia, NM 88210				3a. Phone No. (include area code) 505-748-1471		8. Lease Name and Well No. Luther BBN Fed Com #1			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At Surface 760'FSL & 1980'FEL (Unit O, SWSE) At top prod. Interval reported below <div style="text-align: center;">Same as above</div> At total depth Same as above						9. API Well No. <div style="text-align: center;">30-005-63548</div>			
<div style="position: relative; height: 100px;"> <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); border: 2px solid black; border-radius: 50%; padding: 10px; text-align: center;"> JUL 2003 RECEIVED OCD - ARTESIA </div> </div>						10. Field and Pool, or Exploratory <div style="text-align: center;">Red Spring Penn 97419 </div>			
						11. Sec., T., R., M., on Block and Survey or Area <div style="text-align: center;">Section 13-T5S-R25E</div>			
12. County or Parish <div style="text-align: center;">Chaves</div>		13. State <div style="text-align: center;">New Mexico</div>							
14. Date Spudded RH 2/28/03 RT 3/28/03		15. Date T.D. Reached 4/16/03		16. Date Completed <div style="text-align: center;"> <input type="checkbox"/> D & A <input type="checkbox"/> Ready to Prod. </div>		17. Elevations (DF, RKB, RT, GL)* <div style="text-align: center;">3704'GL 3715'KB</div>			
18. Total Depth: MD 5928' TVD NA		19. Plug Back T.D.: MD 5490' TVD NA		20. Depth Bridge Plug Set: MD 5600' & 5490' TVD NA					
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CNL, Azimuthal Laterolog, Borehole Compensated Sonic				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
	16"		Surf	40'		Conductor		Surf	
14-3/4"	11-3/4"	42#	Surf	928'		700 sx		Surf	
11"			Surf	1510'					
7-7/8"	4-1/2"	11.6#	1510'	5928'		735 sx		3088' 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)	
2-3/8"	5170'	5170'							
25. Producing Intervals					26. Perforation Record				
Formation		Top	Bottom		Perforated Interval	Size	No. Holes	Perf. Status	
A) Cisco		5220'	5260'		<div style="border: 1px solid black; padding: 10px;"> See Attached Sheet ACCEPTED FOR RECORD <div style="text-align: center;"> JUL 21 2003 ARMANDO A. LOPEZ PETROLEUM ENGINEER </div> </div>				
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
	5/19/03	24	→	0	418	0	NA	NA	
Choke Size	Tbg. Press. Flwg.	Csg. Press. Packer	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
3/8"	110 psi		→	0	418	0	NA		
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.)

Sold if produced

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
				Queen	365'
				San Andres	735'
				Glorieta	1654'
				Yeso	1772'
				Tubb	3147'
				Abo	3811'
				Wolfcamp	4496'
				WC B Zone	4591'
				Spear	4825'
				Cisco	5110'
				Strawn	5322'
				Mississippian	5554'
				Siluro-Devonian	5642'
				Pre-Cambrian	5660'

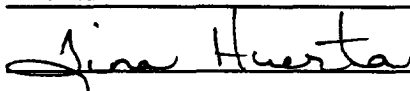
32. Additional remarks (include plugging procedure):

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 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 July 16, 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
Luther BBN Federal Com #1
Section 13-T5S-R25E

Form 3160-4 continued:

26. Perforation Record

Perforated Interval	Size	No. Holes	Perf. Status
5642'-5658'		34	Under CIBP
5506'-5516'		60	Under CIBP
5526'-5532'		36	Under CIBP
5220'-5226'		36	Open
5248'-5260'		72	Open

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

Depth Interval	Amount and Type of Material
5642'-5658'	Acidize w/6000g 20% IC acid and 40 balls
5506'-5532'	Acidize w/1600g 7-1/2% IC acid and 144 balls
5220'-5260'	Acidize w/1800g HCL acid with 144 ball sealers
	Frac w/93,600g 65Q CO2 foamed and 75,000# 20/40 Ottawa sand