

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

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. <b>NM-90510</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>Wilhelmina BBM Fed Com #1</b>				
4. Location of Well (Report location clearly and in accordance with Federal requirements)  At Surface <b>1903'FSL &amp; 1885'FWL (Unit K, NESW)</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>30-005-63549</b>				
					10. Field and Pool, or Exploratory <b>Pecos Slope Abo</b>				
					11. Sec., T., R., M., on Block and Survey or Area <b>Section 24-T5S-R25E</b>				
					12. County or Parish <b>Chaves</b>		13. State <b>New Mexico</b>		
14. Date Spudded <b>RH 2/28/03 RT 3/23/03</b>		15. Date T.D. Reached <b>4/12/03</b>		16. Date Completed <b>7/14/03</b> <input type="checkbox"/> D & A <input type="checkbox"/> Ready to Prod.		17. Elevations (DF, RKB, RT, GL)* <b>3695'GL 3708'KB</b>			
18. Total Depth: MD <b>5800'</b> TVD <b>NA</b>		19. Plug Back T.D.: MD <b>5400'</b> TVD <b>NA</b>		20. Depth Bridge Plug Set: MD <b>5535' and 5400'</b> TVD <b>NA</b>					
21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  <b>CNL, Azimuthal Laterolog, Borehole Compensated Sonic</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
	16"		Surf	40'		Conductor		Surf	
14-3/4"	11-3/4"	42#	Surf	925'		1050 sx		Surf	
11"			Surf	1486'					
7-7/8"	4-1/2"	11.6#	1486'	5800'		725 sx		3620'	
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"	3800'								
25. Producing Intervals									
Formation		Top	Bottom	26. Perforation Record					
A) Abo		3846'	4246'	Perforated Interval	Size	No. Holes	Perf. Status		
B)				<b>See Attached Sheet</b>					
C)									
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.									
Depth Interval		Amount and Type of Material							
5542'-5554'		Acidize w/1000g 20% IC acid							
3846'-4246'		Frac w/108,500g 55Q CO2 foam and 250,000# 16/30 Brady							
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
	7/12/03	24	⇒	0	70	210	NA	NA	
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
NA	270 psi	90 psi	⇒	0	70	210	NA	SIWOPL	
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
				San Andres	716'
				Glorieta	1628'
				Yeso	1746'
				Tubb	3142'
				Abo	3805'
				Wolfcamp	4481'
				WC B Zone	4574'
				Spear	4808'
				Cisco	5088'
				Strawn	5266'
				Miss	5508'
				Siluro-Devonian	5540'
				Pre-Cambrian	5580'


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

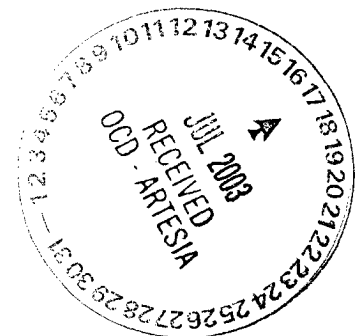
Signature  Date July 14, 2003

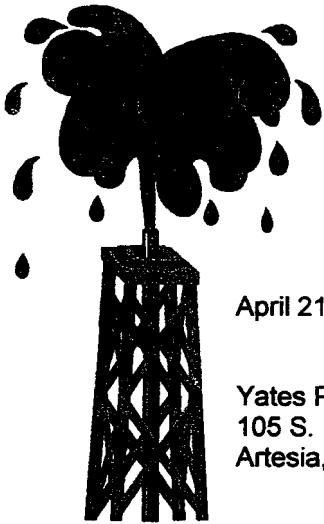
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

YATES PETROLEUM CORPORATION  
Wilhelmina BBM Fed Com #1  
Section 24-T5S-R25E

**Form 3160-4 continued:**

26. Perforation Record			
Perforated Interval	Size	No. Holes	Perf. Status
5542'-5554'		25	Under CIBP
5468'-5474'		36	Under CIBP
5482'-5492'		60	Under CIBP
3846'-3856'		11	Open
3868'-3872'		5	Open
3958'-3969'		11	Open
3986'-3998'		13	Open
4090'-4100'		11	Open
4102'-4106'		5	Open
4238'-4246'		9	Open





# Artesia Fishing Tool Co., Inc.

Oil Well Drilling Contractors  
PO Box 1370 Artesia, NM 88211-1370  
505/746-6651 746-3518 fax 748-2205

April 21, 2003

Yates Petroleum Corporation  
105 S. Fourth  
Artesia, NM 88210


RE: Wilhelmina BBN Fed Com #1  
1903' FSL & 1885' FWL  
Sec. 24, T6S, R25E  
Chaves County, New Mexico

Gentlemen:

The following is a Deviation Survey for the above captioned well.

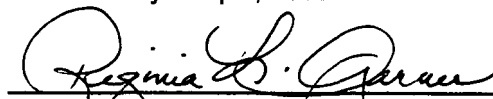
DEPTH	DEVIATION	DEPTH	DEVIATION
444'	1°	3232'	1/2°
946'	2°	3716'	3/4°
1031'	1 3/4°	4233'	1°
1402'	1°	4728'	1 3/4°
1584'	3/4°	4978'	1°
1749'	1/2°	5485'	1°
2243'	1/2°	5800'	1 1/4°
2726'	3/4°		

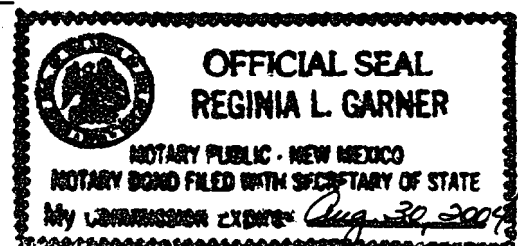
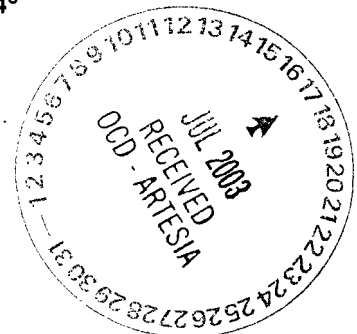
Very truly yours,

  
Eddie C. LaRue  
Vice President

STATE OF NEW MEXICO }  
COUNTY OF EDDY }

The foregoing was acknowledged before me  
This 21<sup>st</sup> day of April, 2003.

  
Regina L. Garner  
Notary Public



03-1209

*Serving Southeast New Mexico and West Texas Since 1974*