

## N.M. Oil Cons. DIV-Dist. 2

Form 3160-4  
(September 2001)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT1001 W. Grand Avenue  
Albuquerque, NM 88210FORM 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		5. Lease Serial No. <b>NM-05110</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. Resrv., Other		6. If Indian, Allottee or Tribe Name							
2. Name of Operator <b>Yates Drilling Company</b>		7. Unit or CA Agreement Name and No.							
3. Address <b>105 S. 4th Str., Artesia, NM 88210</b>		8. Lease Name and Well No. <b>Pecos River Deep Unit #12</b>							
3a. Phone No. (include area code) <b>505-748-8463</b>		9. API Well No. <b>30-015-33942</b>							
4. Location of Well (Report location clearly and in accordance with Federal requirements)*  At Surface <b>660' FNL &amp; 1980' FWL</b>  At top prod. Interval reported below  At total depth		10. Field and Pool, or Exploratory <b>McMillan Morrow</b> 11. Sec., T., R., M., on Block and Survey or Area <b>Section 13-20S-26E</b>							
		12. County or Parish 13. State <b>Eddy NM</b>							
14. Date Spudded <b>5/1/2005</b>	15. Date T.D. Reached <b>6/4/2005</b>	16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. <b>6/30/2005</b>	17. Elevations (DF, RKB, RT, GL)* <b>3289'</b>						
18. Total Depth: MD <b>10,700'</b> TVD	19. Plug Back T.D.: MD <b>10,200'</b> TVD	20. Depth Bridge Plug Set: MD <b>10,200'</b> TVD							
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) <b>CSNG/DSN/SDL; DLL-MGL; SSS-RSCT</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
17 1/2"	13 3/8"	48#	surf	418.84'		448 "C"			circ.
12 1/4"	9 5/8"	36#	surf	2690'		850 "C"			circ.
8 3/4"	5 1/2"	17#, 15.5#	surf	10,666.30'		1910 "C"			circ.
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"	10,037'	10044'							
25. Producing Intervals					26. Perforation Record				
Formation		Top	Bottom		Perforated Interval	Size	No. Holes	Perf. Status	
A) Morrow		10,140'	10,176'		10,140'-10,176'	.36"	32		
B)									
C)									
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.									
Depth Interval		Amount and Type of Material							
10,140'-10,176'		2000 gals 7.5% HCL acid							
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. SI	Csg. Press.	24 Hr. Rate ⇨	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
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. SI	Csg. Press.	24 Hr. Rate ⇨	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

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SIWOPLC AUG 10 2005

LES BABYAK  
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. SI	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. SI	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
				Queen	598'
				Grayburg	860'
				San Andres	1452'
				Bone Spring Lime	2768'
				Wolfcamp	7717'
				Cisco-Canyon	8214'
				Strawn	8971'
				Atoka	9534'
				Morrow	9862'
				Morrow Clastics	10033'
				Barnett	10325'
				Chester	10576'
				TD	10700'

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) Karen J. LeishmanTitle Operations Tech

Signature

*Karen J. Leishman*Date 7/28/2005

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.