

## New Mexico Oil Conservation Division, District I

Form 3160-4  
(April 2004)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
1625 N. French Drive  
Hobbs, NM 88240FORM 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. NM-94095
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 N/A
2. Name of Operator Yates Petroleum Corporation		7. Unit or CA Agreement Name and No. N/A
3. Address 105 S. 4th Str., Artesia, NM 88210		8. Lease Name and Well No. Caper BFE Federal 1
3a. Phone No. (include area code) 505-748-1471		9. API Well No. 30-025-36954 0051
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At Surface 660' FSL 1980' FEL At top prod. interval reported below Same as above At total depth Same as above		10. Field and Pool, or Exploratory Lost Tank; Delaware 11. Sec., T., R., M., on Block and Survey or Area Sec 17-T21S-R32E 12. County or Parish Lea 13. State NM

14. Date Spudded 11/30/04 RH; 12/17/04 RT	15. Date T.D. Reached 12/30/04	16. Date Completed 4/2/05 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.	17. Elevations (DF, RKB, RT, GL)* 3637' GL
18. Total Depth: MD 8600' TVD NA	19. Plug Back T.D.: MD 8557' TVD NA	20. Depth Bridge Plug Set: MD TVD NA	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CNL, Laterolog		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"	Conductor		40'					
17-1/2"	13-3/8"	48	Surface	1044'		880 sx		Surface	
12-1/4"	8-5/8"	32	Surface	4200'		1800 sx		Surface	
7-7/8"	5-1/2"	15.5, 17	Surface	8600'		1220 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)
2-7/8"	8464'							

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Delaware	8325'	8442'	8325-41'		16	Open
B)			8362-70'		8	Open
C)			8436-38'		2	Open
D)			8440-42'		2	Open

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

Depth Interval	Amount and Type of Material
8325-8442'	2000 gal 7-1/2% NEFE HCl w/60 ball sealers
8325-8442'	Water frac w/1133 bbls fluid and 125000# 20/40 Super LC

## 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
4/3/05	4/13/05	24	⇒	134	67	283			Pumping
Choke Size	Tbg. Press. Fwlg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			⇒	134	67	283			

## 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. Fwlg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			⇒						

ACCEPTED FOR RECORD

DAVID R. GLASS

APR 20 2005

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	962'
				Top of Salt	1150'
				Bottom of Salt	4066'
				Bell Canyon	4604'
				Cherry Canyon	5405'
				Brushy Canyon	6720'
				Bone Spring	8477'

## 32. Additional remarks (include plugging procedure):

## 33. Indicate which items have been attached by placing a check in the appropriate boxes:

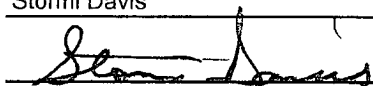
- ☒ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☒ Other: Deviation Report

## 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) Stormi Davis

Title Regulatory Compliance Technician

Signature



Date 4/19/05

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.