

N.M. Oil Cons. Division

1625 N. French Dr.

Hobbs, NM 88240

Form 3160-4
(September 2001)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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. NM078968-C NM078968-A NM90
b. Type of Completion: <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input checked="" 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. SW833
3. Address 105 S. 4th Str., Artesia, NM 88210	3a. Phone No. (include area code) 505-748-1471	8. Lease Name and Well No. Grace Federal 1
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At Surface Unit G, 1980' FNL 1980' FEL At top prod. Interval reported below At total depth		9. API Well No. 30-025-24215 0052
<div style="border: 1px solid black; padding: 5px; text-align: center;"> ACCEPTED FOR RECORD APR 2 2003 </div>		10. Field and Pool, or Exploratory Wildcat Atoka
		11. Sec., T., R., M., on Block and Survey or Area Sec 20-T22S-R32E
		12. County or Parish Lea
		13. State NM

14. Date Spudded 12/3/02	15. Date T.D. Reached N/A	16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod	17. Elevations (DF, RKB, RT, GL)* 3621' GL
18. Total Depth: MD 14865' TVD	19. Plug Back T.D.: MD 13754' TVD	20. Depth Bridge Plug Set: MD 14350', 13754' TVD	

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) N/A	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)
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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
REFER TO ORIGINAL COMPLETION									

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"	13659'	13659'							

25. Producing Intervals				26. Perforation Record			
Formation	Top	Bottom		Perforated Interval	Size	No. Holes	Perf. Status
A) Atoka	13707'	13722'		13994-998'	4"	30	RBP
B)				13794-800'	4"	42	RBP
C)				13715-722'	4"	48	Producing
D)				13707-712'	4"	36	Producing

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.		Amount and Type of Material
Depth Interval		
13707-13998'	5 bbls 7-1/2% Morrow acid	<div style="border: 1px solid black; padding: 10px; text-align: center;"> APPROVED APR - 2 2003 </div>
13707-13998'	2000 gals 7-1/2% Morrow acid w/1000 SCF/N2 per bbl	
13707-13722'	1500 gals 7-1/2% Morrow acid w/1000 SCF/N2	

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
3/12/03	3/18/03	24	⇒	0	15	30			<div style="border: 1px solid black; padding: 5px;"> GARY GOUDLEY PETROLEUM ENGINEER </div>
Choke Size 64/64"	Tbg. Press. Flwg. 60	Csg. Press.	24 Hr. Rate ⇒	Oil BBL 0	Gas MCF 15	Water BBL 30	Gas: Oil Ratio	Well Status 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	

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

REFER TO ORIGINAL COMPLETION

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:

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

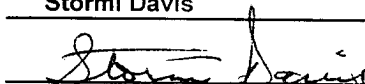
Name (please print)

Stormi Davis

Title

Regulatory Compliance Tech

Signature



Date

3/20/03

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.