**UNITED STATES** Form 3160-4 FORM APPROVED DEPARTMENT OF THE INTERIOR (September 2001) OMB NO. 1004-0137 **BUREAU OF LAND MANAGEMENT** Expires: January 31, 2004 **WELL COMPLETION OR RECOMPLETION REPORT AND LOG** 5. Lease Serial No. X Gas Well NMNM18031 1a. Type of Well Oil Well Dry Other X New Well b. Type of Completion: Work Over Plug Back Diff. Resvr., 6. If Indian, Allottee or Tribe Name Other: 2. Name of Operator 7. Unit or CA Agreement Name and No. Yates Petroleum Corporation 3a. Phone No. (include area code) 141516177870 3. Address 8. Lease Name and Well No. 105 S. 4th Str., Artesia, NM 88210 505-748-1471 Huckabay TJ Fed Com #8 4. Location of Well (Report location clearly and in accordance with Federal requirements) 9. API Well No. 30-005-63504 660'FNL & 990'FWL (Unit D. NWNW) At Surface 10. Field and Pool, or Exploratory A567897. Foor Ranch Pre-Perm North 1. Sec., T.,R.,M., on Block and Same as above At top prod. Interval reported below Survey or Area Section 23-T8S-R26E At total depth Same as above 12. County or Parish 13. State Chaves New Mexico 15 02/38/03 15. Date T.D.Reached 14. Date Spudded 16. Date Completed 17. Elevations (DF,RKB,RT,GL)\* 3/24/03 RH 3/4/03 RT 3/6/03 D&A Ready to Prod. 3850'GL 3864'KB 6400 6110' 20. Depth Bridge Plug Set: 6110' 18. Total Depth: MD 19. Plug Back T.D.; MD MD NA NA NA TVD TVD TVD 22 Was Well cored? X No ( Submit analysis) 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) Yes X No Was DST run? ( Submit report) CNL, Azimuthal Laterolog X No Directional Survey? (Submit copy) 23. Casing and Liner Record (Report all strings set in well) State Cementer No. of Sks & Slurry Vol Size/Grade Bottm(MD) Hole Size Wt.(#/ft.) Top (MD) Depth Type of Cement (BBL) Cement Top\* **Amount Pulled** Conductor 16" Surface 40' Surface 8-5/8" 24# 1002 12-1/4" Surface 600 sx Surface 7-7/8" 5-1/2" 15.5# Surface 6400 500 sx 3838' (CBL 24. Tubing Record Depth Set (MD) Packer Depth (MD) Depth Set (MD) Packer Depth (MD) Size Packer Depth (MD) 2-7/8 5800' 5800' 25 . Producing Intervals 26. Perforation Record Тор **Formation Bottom** Perforated Interval Size No. Holes Perf. Status A) Cisco 5858 5878 6118'-6122' 2 SPF Under RBP 10 2 SPF B) 6146'-6170 50 Under RBP C) 5858'-5878' 2 SPF Producing 42 D 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval Amount and Type of Material 6118'-6170 Acidize with 2800g 15% IC acid and 90 balls 5858'-5878' Acidize with 2000g 15% IC acid and 60 balls 28. Production - Interval A Date First Oil Gravity Test Hours Test Oil Gas Water Gas Production Method Produced Date Tested Production BBL. MCF BBL Corr. API Gravity  $\Rightarrow$ 5/29/03 6/5/03 24 1 1298 0 NA NA Flowing Choke Tbg. Press. 24 Hr. Oil Water Gas: Oil Well Status Csg. Gas BBL Size Flwg. Press. Rate MCF 8BL Ratio 22/64" Packer 1298 0 320 psi 1 NA Producing 28a. Production-Interval B Date First Test Hours Test Oil Water Oil Gravity Gas Production Method Gas Produced Date Tested Production BBL MCF BBL Corr. API Gravity  $\Rightarrow$ Csg. Choke Tbg. Press. 24 Hr. Oil Gas Water Gas: Oil Well Status BBL Size Flwg. Press. Rate MCF BBL Ratio  $\Rightarrow$ 

28b. Production	- Interval C								
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method
Produced	Date	Tested	Production	BBL	MCF	BBL	Corr. API	Gravity	
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas: Oil	Well Statu	s
Size	Flwg.	Press.	Rate	BBL	MCF	BBL	Ratio		
28c. Production - Interval D									
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method
Produced	Date	Tested	Production	BBL	MCF	BBL	Corr. API	Gravity	
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas: Oil	Well Status	
Size	Flwg.	Press.	Rate	BBL	MCF	BBL	Ratio		
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29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

30. Summary of Porous Zones (Include Aquifers):

31. Formation (Log) Markers

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.

Formation	Тор	Bottom	Description, Contents, etc.	Name	Тор	
Formation	Тор	Solion	Description, Contents, etc.	Name	Meas Depth	
		1		Seven Rivers	258'	
	-			Queen	600'	
				San Andres	1086'	
				Glorieta	2174'	
				Yeso	2292'	
				Tubb	3743'	
				Abo	4472'	
				Wolfcamp	5182'	
		1		WC B Zone	5278'	
				Spear	5519'	
				Cisco	5756'	
		1 1		Dorothy Zone	5856'	
				Strawn	5886'	
		, ,		Mississippian	6094'	
				Siluro-Devonian	6288'	
		1 1		1	ì	

32. Additional remarks (include plugging procedure):

	anical Logs (1 full set req'd.) or plugging and cement verification	Geologic Report     Core Analysis	3. DST Re	OST Report 4. Directional Survey Other: Deviation Survey		
34. I hereby certify th	at the foregoing and attached informat	tion is complete and correct a	as determined from	all available re	cords (see attached instructions)*	
Name(please print)	Tina Huerta			Title	Regulatory Compliance Supervisor	
Signature	Sine the	unta.		Date	June 11, 2003	

495-5056

OPERATOR: WELL/LEASE:

YATES PETROLEUM CORP. HUCKABAY TJ FED. COM. 8

COUNTY:

**CHAVES** 

## STATE OF NEW MEXICO DEVIATION REPORT

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By: Twe Masse

STATE OF TEXAS

**COUNTY OF MIDLAND** 

The foregoing instrument was acknowledged before me on this 2nd day of April, 2003, by Steve Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.

My Commission Expires: 4/08/2007

otary Public for Midland County, Texas

JONI D. HODGES
NOTARY PUBLIC
STATE OF TEXAS