

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.
b. Type of Completion: <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resv. <input type="checkbox"/> Other <b>RE-ENTRY</b>		NM-16784
2. Name of Operator Yates Petroleum Corporation		6. If Indian, Allottee or Tribe Name
3. Address 105 S. 4th Str., Artesia, NM 88210		7. Unit or CA Agreement Name and No.
3a. Phone No. (include area code) 505-748-1471		8. Lease Name and Well No. Verbena UV Deep Federal #1
4. Location of Well (Report location clearly and in accordance with Federal requirements) At Surface 1980'FNL & 660'FEL (SENE, Unit H) At top prod. interval reported below Same as above At total depth Same as above		9. API Well No. 30-005-61748
		10. Field and Pool, or Exploratory Coyote Draw Permo Penn
		11. Sec., T., R., M., on Block and Survey or Area 26-T7S-R25E
		12. County or Parish 13. State Chaves New Mexico

14. Date Spudded RE 9/9/02	15. Date T.D. Reached 10/3/02	16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 2/11/03	17. Elevations (DF, RKB, RT, GL)* 3672'GL
18. Total Depth: MD 5210' TVD NA	19. Plug Back T.D.: MD 5120' TVD NA	20. Depth Bridge Plug Set: MD NA 5120' TVD NA NA	

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CNL, Medium Dual 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)
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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
14-3/4"	10-3/4"	40.5#	Surface	845'		In Place		Surface	
7-7/8"	4-1/2"	9.5#	Surface	4250'		In Place		Surface	
3-7/8"	2-7/8"	6.5#	Surface	5210'		50 sx		4000'	

24. Tubing Record									
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	

25. Producing Intervals				26. Perforation Record			
Formation	Top	Bottom		Perforated Interval	Size	No. Holes	Perf. Status
A) Wolfcamp	4890'	4900'		5132'-5152'	4 JSPF	80	
B)				4890'-4900'	6 SPF	60	Producing
C)							
D)							

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.	
Depth Interval	Amount and Type of Material
5132'-5152'	Acidize w/1000g 20% IC HCL Re-acidize w/3000g 20% IC HCL Re-acidize w/10,000g 20% HCL + 10,000g CO2
4890'-4900'	Acidize w/1000g 7-1/2% IC HCL + 1000 scf/bbl N2 Frac w/1000g 7-1/2% HCL and 44,000g 65 Quality CO2 foamed 35# x-linked gelled 7% KCL water carrying 2500# 100 mesh and 64,000# 20/40 Ottawa sand

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
2/12/03	2/16/03	24	⇒	0	122	0	NA	NA	Flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
16/64"	250 psi	NA	⇒	0	122	0	NA		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	
SI			⇒						

## 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.)

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
				Wolfcamp	4429'
				B Zone	4528'
				Spear	4652'
				Cisco	4898'
				George	5000'
				Strawn	5051'
				Basement Granite Wash	5176'

## 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)\*

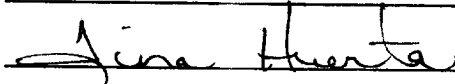
Name (please print)

Tina Huerta

Title

Regulatory Compliance Supervisor

Signature



Date

March 24, 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.



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**BILL RICHARDSON**

Governor

**Joanna Prukop**

Cabinet Secretary

**Lori Wrotenbery**

Director

**Oil Conservation Division**

## **GEOLOGICAL TOPS**

**Yates Petroleum Corporation  
Vebena 'UV' Deep Federal #1  
Unit H, Sec. 26, T-7-S R-25-E  
1980' FNL & 660' FEL (G.L.-3672'; K.B.-3681')  
Chaves Co., N.M.  
30-005-61748**

**(Re-Entry to Deepen Well)  
Geological Tops per/Bryan G. Arrant-OCD**

<b>Wolfcamp</b>	<b>4427'</b>
<b>Cisco</b>	<b>4898'</b>
<b>Strawn</b>	<b>5012'</b>
<b>Granite Wash</b>	<b>5176'</b>