

UNITED STATES N.M. DIV-Dist. 2  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
1501 W. Grand Avenue  
ALBUQUERQUE, NM 87106

FORM 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-31099</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. Resvr., Other		6. If Indian, Allottee or Tribe Name	
2. Name of Operator <b>Yates Petroleum Corporation</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>Horn YG Federal #6</b>	
3a. Phone No. (include area code) <b>505-748-1471</b>		9. API Well No. <b>30-005-63462</b>	
4. Location of Well (Report location clearly and in accordance with Federal requirements)*  At Surface <b>1830'FNL &amp; 660'FEL (SENE) UT. H</b>  At top prod. Interval reported below <b>Same as above</b>  At total depth <b>Same as above</b>		10. Field and Pool, or Exploratory <b>Pecos Slope Abo</b>	
11. Sec., T., R., M., on Block and Survey or Area <b>Section 15-T8S-R26E</b>		12. County or Parish    13. State <b>Chaves    New Mexico</b>	
14. Date Spudded <b>RH 4/26/02    RT 5/11/02</b>	15. Date T.D. Reached <b>6/3/02</b>	16. Date Completed <b>10/15/02</b> <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.	
17. Elevations (DF, RKB, RT, GL)* <b>3874' GR</b>			

18. Total Depth: MD <b>6565'</b> TVD <b>NA</b>	19. Plug Back T.D.: MD <b>5660'</b> TVD <b>NA</b>	20. Depth Bridge Plug Set: MD <b>5660'</b> TVD <b>NA</b>
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) <b>CNL, Laterolog, Borehole Compensated Sonic NGT</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 type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)		

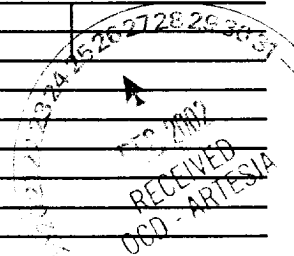
23. Casing and Liner Record (Report all strings set in well)									
Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	State Cementer Depth	No. of Sks & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
	16"		Surf	40'				Surf	
12-1/4"	8-5/8"	24#		1012'		750 sx Class C		Surf	
7-7/8"	5-1/2"	15.5#		6565'		650 sx PV Lite		3670' (CBL)	

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"	5200'							
25. Producing Intervals					26. Perforation Record			
Formation		Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status	
A) Abo		4452'	4825'					
B)				See Attached Sheet				
C)								
D)								

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.	
Depth Interval	Amount and Type of Material
<b>See Attached Sheet</b>	

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
11/6/02	11/7/02	24	⇒	0	67	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	
14/64"	135 psi		⇒	0	67	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
				Seven Rivers	220'
				Queen	560'
				San Andres	1032'
				Glorieta	2118'
				Yeso	2240'
				Tubb	3695'
				Abo	4446'
				Wolfcamp	5119'
				B Zone	5211'
				Spear	5448'
				Cisco	5680'
				Strawn	5793'
				Mississippian	5986'
				Siluro-Devonian	6094'
				Basement-Granite Wash	6344'

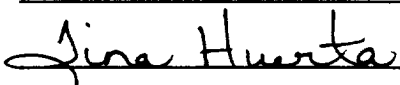
## 32. Additional remarks (include plugging procedure):

## 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 December 9, 2002

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.

YATES PETROLEUM CORPORATION  
Horn YG Federal #6  
Section 15-T8S-R26E

**Form 3160-4 continued:**

26. Perforation Record

Perforated Interval	Size	No. Holes	Perf. Status
6104'-6118'	2 SPF	30	
6122'-6132'	2 SPF	22	
6138'-6147'	2 SPF	20	
5680'-5692'	2 SPF	34	
5704'-5732'	2 SPF	58	
5772'-5794'	2 SPF	46	
4452'-4458'	1 JSPF	7	Producing
4464'-4466'		3	Producing
4474'-4477'		4	Producing
4482'-4485'		4	Producing
4526'-4532'		7	Producing
4542'-4546'		5	Producing
4568'-4572'		5	Producing
4584'-4588'		5	Producing
4610'-4620'		11	Producing
4713'-4720'		8	Producing
4808'-4818'		11	Producing
4822'-4825'		4	Producing

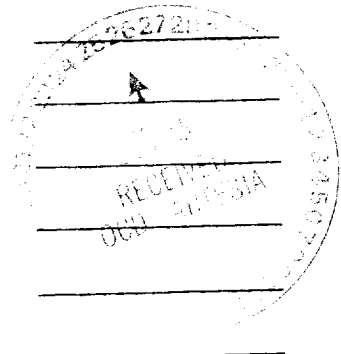
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
6104'-6147'	1000g 15% IC acid. Acidize w/20,000 SCF N2 pad + 5000g 20% IC HCL + 1000 SCF/bbl N2 + balls
5680'-5794'	Acidize w/3300g 15% IC acid + 207 balls
4452'-4825'	Spotted 500g DI 7-1/2% IC acid Frac w/110,600g WF 35,55 Quality CO2 foam and 250,000# 16/30 Brady

WELL NAME AND NUMBER Horn "YG" Fed Com #6  
LOCATION 1830' FNL, 660' FEL, Sec. 15, T8S, R26E, Chaves Co.  
OPERATOR Yates Petroleum Corp.  
DRILLING CONTRACTOR United Drilling, Inc.

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and had conducted deviation tests and obtained the following results:

<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
<u>3/4° @ 487'</u>	<u>3/4° @ 4993'</u>	<u>                    </u>
<u>1/2° @ 989'</u>	<u>3/4° @ 5497'</u>	<u>                    </u>
<u>3/4° @ 1528'</u>	<u>1/2° @ 5968'</u>	<u>                    </u>
<u>1/2° @ 2503'</u>	<u>                    </u>	<u>                    </u>
<u>3/4° @ 3006'</u>	<u>                    </u>	<u>                    </u>
<u>1/4° @ 3509'</u>	<u>                    </u>	<u>                    </u>
<u>1/2° @ 4043'</u>	<u>                    </u>	<u>                    </u>
<u>1/2° @ 4491'</u>	<u>                    </u>	<u>                    </u>



Drilling Contractor United Drilling, Inc.

By: George Aho George Aho

Title: Business Manager

Subscribed and sworn to before me this 6th day of June,  
20 02.

Carlene Martin  
Notary Public

My Commission Expires: 10-04-04

Chaves New Mexico  
County State