

Form 3160-4
(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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 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:						5. Lease Serial No. <div style="text-align: center; border: 1px solid black; padding: 5px;">NM-2351</div>			
2. Name of Operator <div style="text-align: center;">Yates Petroleum Corporation</div>						6. If Indian, Allottee or Tribe Name <div style="text-align: center;">Federal HY #12</div>			
3. Address <div style="text-align: center;">105 S. 4th Str., Artesia, NM 88210</div>			3a. Phone No. (include area code) <div style="text-align: center;">505-748-1471</div>			7. Unit or CA Agreement Name and No. <div style="text-align: center;">Section 28-T7S-R25E</div>			
4. Location of Well (Report location clearly and in accordance with Federal requirements) <div style="text-align: center;">At Surface 990'FNL & 1980'FWL (Unit C, NENW)</div> <div style="text-align: center;">At top prod. Interval reported below Same as above</div> <div style="text-align: center;">At total depth Same as above</div>						8. Lease Name and Well No. <div style="text-align: center;">Federal HY #12</div> 9. API Well No. <div style="text-align: center;">30-005-63503</div> 10. Field and Pool, or Exploratory Survey or Area <div style="text-align: center;">Pecos Slope Abo</div> 11. Sec., T., R., M., on Block and Survey or Area <div style="text-align: center;">Section 28-T7S-R25E</div> 12. County or Parish 13. State <div style="text-align: center;">Chaves New Mexico</div>			
14. Date Spudded <div style="text-align: center;">RH 1/25/03 RT 1/27/03</div>		15. Date T.D. Reached <div style="text-align: center;">2/11/03</div>		16. Date Completed 3/4/03 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		17. Elevations (DF, RKB, RT, GL)* <div style="text-align: center;">3757'GL</div>			
18. Total Depth: MD 5135' <div style="text-align: center;">TVD NA</div>		19. Plug Back T.D.: MD 4800' <div style="text-align: center;">TVD NA</div>		20. Depth Bridge Plug Set: MD 4850' & 4800' <div style="text-align: center;">TVD NA</div>					
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) <div style="text-align: center;">CNL, Azimuthal Laterolog, Borehole Compensated Sonic</div>				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
	16"		Surface	40'		Conductor		Surface	
14-3/4"	11-3/4"	42#	Surface	746'		600 sx		Surface	
11"	4-1/2"	11.6#	Surface	1518'					
7-7/8"	4-1/2"	11.6#	1518'	5135'		550 sx		2992' (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)	
2-3/8"	3560'	3560'							
25. Producing Intervals					26. Perforation Record				
Formation		Top		Bottom		Perforated Interval	Size	No. Holes	Perf. Status
A) Abo		3618'		3880'		SEE ATTACHED SHEET			
B)									
C)									
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.									
Depth Interval		Amount and Type of Material							
4886'-4906'		Acidize w/2000g 15% IC acid and 63 balls							
4826'-4838'		Acidize w/1200g 7-1/2% IC acid and 108 balls							
3618'-3880'		Spotted 500g 7-1/2% IC acid							
		Frac w/106,800g 55Q CO2 foam and 250,000# 16/30 Brady							
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
3/11/03	3/13/03	24	⇒	0	694	15	NA	NA	Flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press. Packer	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
16/64"	420 psi		⇒	0	694	15	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	
			⇒						

YATES PETROLEUM CORPORATION
Federal HY #12
Section 28-T7S-R25E

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26. Perforation Record

Perforated Interval	Size	No. Holes	Perf. Status
4826'-4838'		72	
4886'-4906'		42	
3618'-3640'		23	Producing
3644'-3648'		5	Producing
3700'-3702'		3	Producing
3726'-3734'		9	Producing
3788'-3792'		5	Producing
3842'-3846'		5	Producing
3864'-3880'		17	Producing

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
				San Andres	436'
				Glorieta	1356'
				Yeso	1470'
				Tubb	2924'
				Abo	3593'
				Wolfcamp	4344'
				Wolfcamp B Zone	4434'
				Spear	4589'
				Cisco	4841'
				Strawn	4971'
				Pre-Cambrian	5052'

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: Deviation Survey

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 HuertaTitle Regulatory Compliance SupervisorSignature Tina HuertaDate April 18, 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.

WELL NAME AND NUMBER Federal "HY" No. 12
LOCATION 990' FNL & 1980' FWL, Section 28, T7S, R25E, NE/NW Chaves Co. NM
OPERATOR Yates Petroleum Corporation
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>1° 514'</u>	<u>1° 4522'</u>	<u> </u>
<u>1-1/4° 1015'</u>	<u>3/4° 5088'</u>	<u> </u>
<u>1-1/4° 1539'</u>	<u> </u>	<u> </u>
<u>1/2° 2010'</u>	<u> </u>	<u> </u>
<u>1° 2513'</u>	<u> </u>	<u> </u>
<u>3/4° 3015'</u>	<u> </u>	<u> </u>
<u>1-1/4° 3518'</u>	<u> </u>	<u> </u>
<u>1-1/4° 4020'</u>	<u> </u>	<u> </u>



Drilling Contractor United Drilling, Inc.

By: Angel Salazar

Title: Vice President

Subscribed and sworn to before me this 14th day of February,
2003.

Barbara J. Jankowski
Notary Public

My Commission Expires: 09-25-03

Chaves NM
County State