

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Oil Cons.  
N.M. DIV-Dist. 2  
1301 W. Grand Avenue  
Artesia, NM 88210

FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2004

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other  
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resrv.,  
Other:

2. Name of Operator  
Yates Petroleum Corporation

3. Address  
105 S. 4th Str., Artesia, NM 88210

3a. Phone No. (include area code)  
505-748-1471

4. Location of Well (Report location clearly and in accordance with Federal requirements)

At Surface 710'FSL & 2050'FWL (Unit N, SESW)

At top prod. interval reported below Same as above

At total depth Same as above

14. Date Spudded  
RH 5/28/03 RT 6/5/03

15. Date T.D. Reached  
7/11/03

16. Date Completed  
☐ D & A ☒ Ready to Prod.

18. Total Depth: MD 9700'  
TVD NA

19. Plug Back T.D.: MD 7963'  
TVD NA

20. Depth Bridge Plug Set: MD NA  
TVD NA

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

Density Neutron, Azimuthal Laterolog

22. Was Well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit report)  
Directional Survey? ☒ No ☐ 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
20"	16"		Surface	40'		Conductor		Surface	
14-3/4"	9-5/8"	36#	Surface	1600'		1725 sx		Surface	
8-3/4"	7"	23# & 26#	Surface	8600'		Stage 1: 250 sx		Surface	
						Stage 2 800 sx		3110' CBL	
6-1/8"	4-1/2"	11.6#	8167'	9700'		190 sx		8167'	

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

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Canyon	7434'	7684'				
B)						
C)						
D)						

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

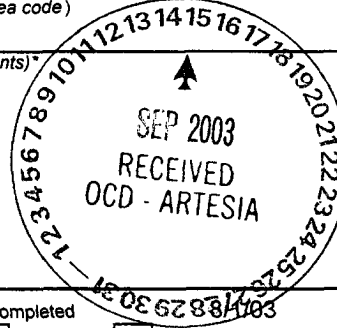
Depth Interval	Amount and Type of Material
SEE ATTACHED SHEET	

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
8/1/03	8/17/03	24	⇒	0	477	1230	NA	NA	Flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
NA	95 psi	NA	⇒	0	477	1230	NA		

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	
			⇒						



ACCEPTED FOR RECORD

LES BABYAK  
PETROLEUM ENGINEER

## 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	852'
				Glorieta	2104'
				2nd Bone Springs	3602'
				3rd Bone Springs	6290'
				Wolfcamp	6636'
				Upper Penn	7424'
				Strawn	8458'
				Atoka	8739'
				Morrow	9298

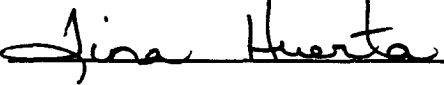
## 32. Additional remarks (include plugging procedure):

## 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 Huerta Title Regulatory Compliance Supervisor

Signature  Date September 9, 2003

YATES PETROLEUM CORPORATION  
Zingaro ANG Federal #5  
Section 1-T22S-R23E  
Eddy County, New Mexico

**Form 3160-4 continued:**

26. Perforation Record

Perforated Interval	Size	No. Holes	Perf Status
7434'-7438'		9	Producing
7446'-7448'		5	Producing
7486'-7492'		13	Producing
7520'-7528'		17	Producing
7540'-7544'		9	Producing
7558'-7562'		9	Producing
7574'-7598'		49	Producing
7626'-7642'		33	Producing
7652'-7666'		29	Producing
7674'-7684'		21	Producing

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

Depth Interval	Amount and Type of Material
7434'-7562'	Acidize w/2500g gelled 20% IC HCL acid Re-acidize w/30,000g gelled 20% IC HCL acid
7574'-7684'	Acidize w/2500g 20% IC HCL w/246 BS
7434'-7684'	Acidize w/1000g 20% IC HCL Re-acidize w/20,000g gelled 20% IC HCL

OPERATOR: YATES PETROLEUM CORP.  
WELL/LEASE: ZINGARO ANG FED. 5  
COUNTY: EDDY

503-0244

STATE OF NEW MEXICO  
DEVIATION REPORT

233	1	7,278	1 1/4
499	1/4	7,531	1
743	1	7,784	1/2
1,014	2 1/4	8,225	3/4
1,230	1 1/2	8,600	1
1,582	2	8,828	1
1,651	1	9,295	1 1/2
1,896	1	9,656	1 1/2
2,372	1/4		
2,850	1 1/2		
3,102	3/4		
3,356	1 1/4		
3,581	1		
3,830	1		
4,052	3/4		
4,550	3/4		
5,028	1 1/4		
5,504	1 1/2		
5,979	2 3/4		
6,104	2 1/2		
6,197	2 1/4		
6,239	2 1/2		
6,335	3		
6,427	2 1/2		
6,520	2		
6,616	2		
6,712	3/4		
6,868	2 3/4		
6,962	3 1/4		
7,059	3		
7,151	2		



By: *Steve Moore*

STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 24th day of July, 2003, by Steve Moore on behalf of Patterson-UTi Drilling Company LP, LLLP.

*Joni D. Hodges*  
Notary Public for Midland County, Texas

My Commission Expires: 4/08/2007

