

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 ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other  
b. Type of Completion: ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,  
Other: **RECOMPLETION**

5. Lease Serial No.

**NM-92154**

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

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**

8. Lease Name and Well No.  
**Pay AYY Federal Com #1**

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

At Surface **660'FNL & 330'FWL (Unit D, NWNW)**

At top prod. Interval reported below **Same as above**

At total depth **Same as above**

9. API Well No.

**30-005-63510**

10. Field and Pool, or Exploratory

**Pecos Slope Abo**

11. Sec., T., R., M., on Block and Survey or Area

**Section 11-T8S-R26E**

12. County or Parish 13. State

**Chaves**

**New Mexico**

14. Date Spudded  
**RC 8/11/03**

15. Date T.D. Reached  
**NA**

16. Date Completed **9/9/03**  
☐ D & A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*

**3812'GL 3832' KB**

18. Total Depth: MD **5940'**  
TVD **NA**

19. Plug Back T.D.: MD **4900'**  
TVD **NA**

20. Depth Bridge Plug Set: MD **5480' & 4900'**  
TVD **NA**

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

**NA**

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 Skis & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
<b>REFER TO ORIGINAL COMPLETION</b>									

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
A) Abo	4298'	4662'
B)		
C)		
D)		

26. Perforation Record

Perforated Interval	Size	No. Holes	Perf. Status
<b>See Attached Sheet</b>			

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

Depth Interval	Amount and Type of Material
5490'-5538'	Acidize w/4000g 15% IC HCL acid
5042'-5056'	Acidize w/1400g IC HCL acid
4955'-4965'	Acidize w/1000g 20% IC acid and 33 balls
4298'-4662'	Frac w/110,300g 35# x-link, 55Q CO2 foam and 250,000# 16/30 Brown

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
9/10/03	9/11/03	24	⇒	0	160	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	
12/64"	220 psi	NA	⇒	0	160	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	
			⇒						

YATES PETROLEUM CORPORATION  
Pay AYY Federal Com #1  
Section 11-T8S-R26E

**Form 3160-4 continued:**

26. Perforation Record			
Perforated Interval	Size	No. Holes	Perf. Status
5490'-5506'		34	Under CIBP
5514'-5538'		50	Under CIBP
4955'-4965'		22	Under composite
5042'-5056'		30	Under composite
4298'-4302'		5	Producing
4310'-4314'		5	Producing
4324'-4328'		5	Producing
4384'-4386'		3	Producing
4432'-4436'		5	Producing
4448'-4454'		7	Producing
4464'-4470'		7	Producing
4496'-4502'		7	Producing
4508'-4516'		9	Producing
4530'-4532'		3	Producing
4562'-4568'		7	Producing
4610'-4620'		11	Producing
4652'-4662'		11	Producing