

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Oil Cons.
NM. DIV-Dist. 2

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)*

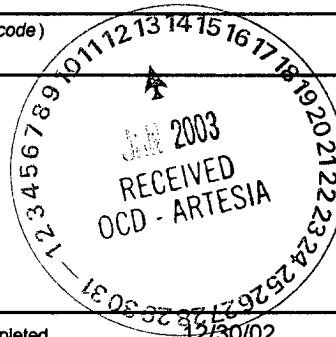
At Surface

990'FSL and 660'FWL

At top prod. interval reported below

At total depth

UT.M



5. Lease Serial No.

NM-103573

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.

Buckaroo AYG Federal #1

9. API Well No.

3A-015-31894
Buckaroo Ranch
73095 H2OK9
Section 1-T20S-R21E

12. County or Parish

Eddy

13. State
New Mexico

14. Date Spudded

RH 8/3/01 RT 8/19/01

15. Date T.D. Reached

9/11/01

16. Date Completed

12/30/02

☐ D & A

☒ Ready to Prod.

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

4256' GL

18. Total Depth: MD

8050'

TVD

NA

19. Plug Back T.D.:

MD 7700'

TVD NA

20. Depth Bridge Plug Set:

MD 7700'

TVD NA

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

CNL, Azimuthal Laterolog, Borehole Compensated Sonic

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"		Surface	40'				Surface	
17-1/2"	13-3/8"	48#	Surface	355'		600 sx + Redi-mix Premium		Surface	
12-1/4"	8-5/8"	24#	Surface	1595'		1375 sx		Surface	
7-7/8"	5-1/2"	15.5#&17#	Surface	8050'		750 sx Super H		3450'	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
		7333'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)			7746'-7754'	4 JSPF	36	
B)			7426'-7430'	4 JSPF	20	
C)			7446'-7456'		44	
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
7746'-7754'	Acidize w/750g 7-1/2% MSA acid
7426'-7456'	Acidize w/1000g 7-1/2% MSA acid w/69 ball sealers

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
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate ⇒	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
									SIWOPLC

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

JAN - 6 2003

LES BABYAK

PRODUCTION 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.)

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	1207'
				Glorieta	1884'
				Yeso	2079'
				Tubb	2771'
				Lower Yeso	2866'
				Abo	3382'
				Wolfcamp	4543'
				Cisco	5961'
				Strawn	7180'
				Atoka	7395'
				Morrow	7692'
				Chester	7920'

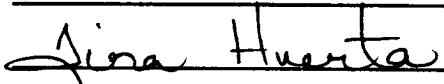
32. Additional remarks (include plugging procedure):

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 January 2, 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.

OPERATOR: YATES PETROLEUM
WELL/LEASE: BUCKAROO AYC FED. #1
COUNTY: EDDY

506-0012

STATE OF NEW MEXICO
DEVIATION REPORT

355	1
854	3
975	2 3/4
1,166	2
1,573	1 1/4
2,104	1
2,605	1/2
3,108	3/4
3,607	3/4
4,106	3/4
4,611	1/2
5,106	1 3/4
5,340	1 3/4
5,832	1/2
6,343	3/4
6,836	2
7,309	1 3/4
7,396	1 1/4
7,787	1 3/4
8,031	1 1/4



By: Steve Moore

STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 18th day of September, 2001, by Steve Moore on behalf of Patterson-UTL Drilling Company LP, LLLP.

Joni D. Hodges
Notary Public for Midland County, Texas

My Commission Expires: 3/31/2003

