

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Oil Cons.
J.M. DIV Dist 2
1301 W. Grand Avenue
Artesia, NM 88210
FORM APPROVED
EXP. NOV 30, 2000
5. Lease Serial No.

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

NM-82845

2. Name of Operator
Yates Petroleum Corporation

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

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

4. Location (Report location clearly and in accordance with Federal Requirements)*

At Surface
760' FSL & 1780' FWL (Unit N, SESW)

At top prod. Interval reported below

At total depth

ACCEPTED FOR RECORD

ALEXIS C. SWOBODA
PETROLEUM ENGINEER

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
Polo AOP Federal #4

9. API Well No.
30-015-28743 3.2

10. Field and Pool or Equivalent
Bagger Draw Upper Penn

11. Sec., T., R., M., on Block
and Survey or Area
Sec. 10-T19S-R25E

12. County 13. State
Eddy NM

14. Date Spudded
12/24/00

15. Date T.D. Reached
1/25/01

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

17. Elevations (DF, RKB, RT, GL) ft
3477' GR

18. Total Depth: MD 9450
TVD

19. Plug Back T.D.: MD 9316
TVD

Depth Bridge Plug Set: MD
TVD

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

GR/CBL/CCL Logs

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) | ement Top | Amount Pulled |
|-----------|------------|-------------|-----------|-------------|-------------------------|--------------------------------|----------------------|-----------|---------------|
| 14 3/4" | 9 5/8" | 36# | 1204 0 | 1204 | | 110 sx circ | | | |
| 8 3/4" | 7" | 26# | 8250 0 | 8250 | | 1750 sx circ | | | |
| 6 1/8" | 4 1/2" | 11.6# | 9450 7544 | 9450 | | 1500 sx circ | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

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" | 8977 | 9019.62 | | | | | | |

26. Perforation Record

| Formation | Top | Bottom | Perforated Interval | Size | No. of Holes | Perforation Status |
|------------|------|--------|---------------------|--------|--------------|--------------------|
| A.) MCBROW | 8370 | 9230 | 9082'-9092' | 4 jspf | 22 | |
| B.) | | | 8870'-8882' | 1 jspf | | |
| C.) | | | | | | |
| D.) | | | | | | |

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

| Depth Interval | Amount and Type of Material |
|----------------|---|
| 9224-9230 | Acidize 1000 gals 7.5% MSA Nitrified acid with 300 scf/bbl @ 2-4 bpm |
| 9082-9092 | Acidize w/1500 gals 7.5% MSA Nitrified acid w/300 scf/bbls @ 2-4 bpm, flush |
| 8990'-8998' | 1000 gals 15% IC acid with a foaming surfactant & 300 scf/bbl at 2-4 bpm, Flushed with water and 300 scf/bbl N2 |
| 8870'-8882' | 1500 15% IC acid with foaming surfactant and 300 scf/bbl at 2-4 bpm, flush with water and |

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 |
|------------------------|----------------------|-----------------|--------------------|------------|------------|--------------|--------------------------|----------------|-------------------|
| 2/16/01 | 3/22/01 | 24 | ⇒ | 0 | 1356 | 0 | | | Pumping |
| Choke Size | Tbj. Press. Flwg. | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas: Oil Ratio | Well Status | |
| 16/64" | 1650# | | ⇒ | | | | | 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 | Tbj. Press. Flwg. | Csg. Press. | 24 Hr. Rate ⇒ | Oil BBL | Gas MCF | Water BBL | Gas: Oil Ratio | Well Status | |

(See instructions and spaces for additional data on reverse side)

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 | Tbj. 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 | Tbj. 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 | 818 |
| | | | | Glorieta | 2341 |
| | | | | Bone Spring | 3576 |
| | | | | Wolfcamp | 5811 |
| | | | | Canyon | 7613 |

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)

Erma Vazquez

Title

Drilling Technician

Signature

Erma Vazquez

Date

Nov 16, 2001

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.