

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Oil Cons.
N.M. DIV-Dist. 2
301 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. Resvr.,
Other: **RE-ENTRY**

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 660'FNL & 1980'FEL (Unit B, NWNE)

At top prod. interval reported below Same as above

At total depth Same as above

5. Lease Serial No.

NM-32167

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.

Spring Deep Federal #4

9. API Well No.

30-005-63022

10. Field and Pool, or Exploratory

Wildcat Wolfcamp

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

Section 5-T6S-R26E

12. County or Parish 13. State

Chaves

New Mexico

14. Date Spudded

RE 3/9/03

15. Date T.D. Reached

3/22/03

16. Date Completed

6/22/03

☐ D & A

☒ Ready to Prod.

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

3692'GL 3704'KB

18. Total Depth: MD 5600'
TVD NA

19. Plug Back T.D.: MD 4920'
TVD NA

20. Depth Bridge Plug Set: MD 6400', 5290', 5115', & 4920'
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 |
|-----------|------------|-------------|----------|-------------|-------------------------|--------------------------------|----------------------|-------------|---------------|
| 12-1/4" | 9-5/8" | 36# | Surf | 935' | | 800 sx In Place | | | |
| 8-3/4" | 5-1/2" | 15.5# | Surf | 1650' | | | | | |
| 7-7/8" | 5-1/2" | 15.5# | 1650' | 5600' | | 235 sx | | 4280' 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) |
|--------|----------------|-------------------|------|----------------|-------------------|------|----------------|-------------------|
| 2-7/8" | 4327' | 4327' | | | | | | |

25. Producing Intervals

| Formation | Top | Bottom |
|-------------|-------|--------|
| A) Wolfcamp | 4402' | 4612' |
| B) | | |
| C) | | |
| D) | | |

26. Perforation Record

| Perforated Interval | Size | No. Holes | Perf. Status |
|---------------------|------|-----------|--------------|
| See Attached Sheet | | | |

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

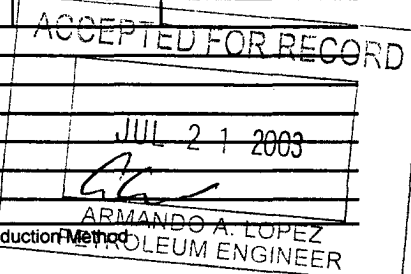
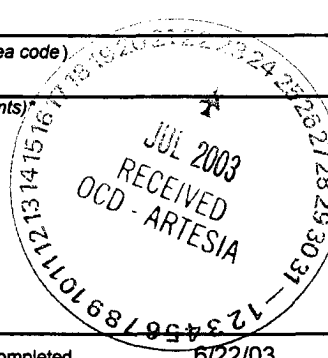
| Depth Interval | Amount and Type of Material |
|--------------------|-----------------------------|
| See Attached Sheet | |

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 |
|------------------------|----------------------|-----------------|-------------------------|------------|------------|--------------|--------------------------|----------------|-------------------|
| | 6/22/03 | 24 | ⇒ | 0 | 50 | 0 | | | |
| Choke Size | Tbg. Press. Flwg. | Csg. Press. | 24 Hr. Rate ⇒ | Oil BBL | Gas MCF | Water BBL | Gas: Oil Ratio | Well Status | |
| 8/64" | 200 psi | NA | ⇒ | 0 | 50 | 0 | | SIWOPL | |

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 | |
| | | | ⇒ | | | | | | |



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 if produced

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 |
| | | | | Abo | 3716' |
| | | | | Wolfcamp | 4400' |
| | | | | Wolfcamp B Zone | 4488' |
| | | | | Spear | 4732' |
| | | | | Cisco | 4988' |
| | | | | Strawn | 5190' |
| | | | | Mississippian | 5368' |
| | | | | Siluro-Devonian | 5398' |
| | | | | Pre-Cambrian | 5434' |

32. Additional remarks (include plugging procedure):

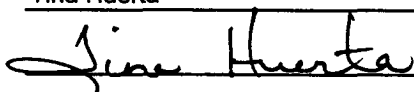
33. Circle enclosed attachments:

- ☒ 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 Supervisor

Signature

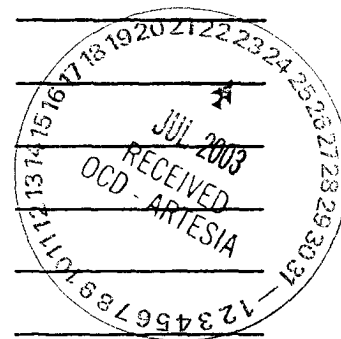

Date June 25, 2003

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 Spring Deep Federal No. 4
LOCATION 660' FNL & 1980' FEL, Section 5, T6S, R26E, Chaves County 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>1/2° 4523'</u> | <u> </u> | <u> </u> |
| <u>3/4° 5027'</u> | <u> </u> | <u> </u> |
| <u> </u> | <u> </u> | <u> </u> |
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Drilling Contractor United Drilling, Inc.

By: George A. Aho
George A. Aho
Title: Business Manager

Subscribed and sworn to before me this 25th day of March,
2003.

Karina Tankersley
Notary Public

My Commission Expires: 9-25-03

Chaves NM
County State