

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. 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

Chaves

13. State

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	Perforated Interval	Size	No. Holes	Perf. Status
A) Wolfcamp	4402'	4612'				
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material

See Attached Sheet

ACCEPTED FOR RECORD

JUL 21 2003

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			

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	
			⇒						

SIWOPL

Production Method A. LOPEZ  
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 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)\*

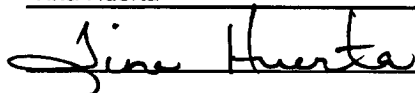
Name (please print)

Tina Huerta

Title

Regulatory Compliance Supervisor

Signature



Date

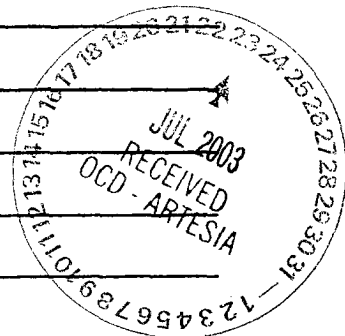
June 25, 2003

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 25<sup>th</sup> day of March,  
2003.

Karna Tankersley  
Notary Public

My Commission Expires: 9-25-03  
Chaves NM  
County State