

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

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 1180'FNL & 660'FWL (Unit D, NWNW)  
At top prod. Interval reported below DHC-3196 Same as above  
At total depth Same as above NW Leslie Springs Wolfcamp

5. Lease Serial No.  
NM-2357

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.  
Federal HJ #13

9. API Well No.  
30-005-63495

10. Field and Pool, or Exploratory  
Wildcat Wolfcamp

11. Sec., T., R., M., on Block and Survey or Area  
Section 31-T6S-R26E

12. County or Parish  
Chaves

13. State  
New Mexico

14. Date Spudded  
RH 6/3/03 RT 6/4/03

15. Date T.D. Reached  
6/21/03

16. Date Completed  
8/4/03

17. Elevations (DF, RKB, RT, GL)\*  
3725'GR 3738'KB

18. Total Depth: MD 5390'  
TVD NA

19. Plug Back T.D.: MD 4880'  
TVD NA

20. Depth Bridge Plug Set: MD 5187'  
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 Skis & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
16"			Surface	40'		Conductor		Surface	
14-3/4"	11-3/4"	42#	Surface	925'		888 sx		Surface	
11"			Surface	1600'					
7-7/8"	4-1/2"	11.6#	Surface	5390'		545 sx		3120' 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)
2-3/8"	4750'	4750'						

25. Producing Intervals

Formation	Top	Bottom	Perforation Interval	Size	No. Holes	Perf. Status
A) Wolfcamp	4816'	4828'	5292'-5302'	.42"	21	Squeeze
B)			5014'-5022'		48	under plug
C)			4816'-4828'	.42"	72	Producing
D)						

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

Depth Interval	Amount and Type of Material

See Attached Sheet

SEP 19 2003

ARMANDO A. LOPEZ  
PETROLEUM ENGINEER

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
8/5/03	8/21/03	24	⇒	0	255	6	NA	NA	Flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press. Packer	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
20/64"	140 psi		⇒	0	255	6	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	
			⇒						

## 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

## 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	544'
				Glorieta	1510'
				Yeso	1622'
				Tubb	3054'
				Abo	3692'
				Wolfcamp	4470'
				Wolfcamp B Zone	4564'
				Spear	4688'
				Cisco	4942'
				George	5040'
				Strawn	5086'
				Pre-Cambrian	5168'

## 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)\*

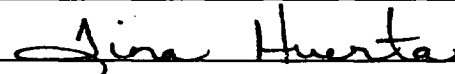
Name (please print)

Tina Huerta

Title

Regulatory Compliance Supervisor

Signature



Date

September 16, 2003

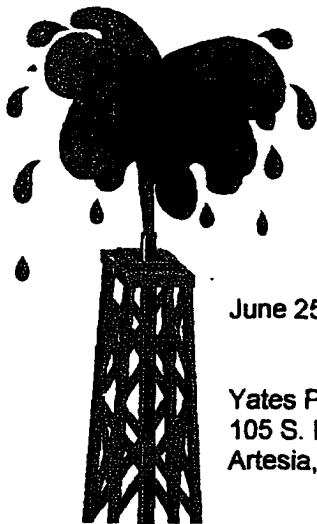
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

YATES PETROLEUM CORPORATION  
Federal HJ #13  
Section 31-T6S-R26E  
Chaves County, New Mexico

**Form 3160-4 continued:**

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

Depth Interval	Amount and Type of Material
5292'-5302'	Acidize w/1000g 7-1/2% IC HCL Squeeze w/150 sx Class "H"
5014'-5022'	Acidize w/800g 7-1/2% IC acid and 72 balls Frac w/45,500g 65Q foamed 35# x-linked gelled 7% KCL water carrying 60,000# 20/40 Ottawa sand
4816'-4828'	Frac w/58,000g 65Q CO2 foamed 35# x-linked gelled 7% KCL water carrying 80,000# 20/40 Ottawa sand 2000g 7-1/2% IC HCL



# Artesia Fishing Tool Co., Inc.

Oil Well Drilling Contractors  
PO Box 1370 Artesia, NM 88211-1370  
505/746-6651 746-3518 fax 748-2205

June 25, 2003

Yates Petroleum Corporation  
105 S. Fourth  
Artesia, NM 88210

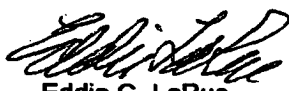
RE: Federal HJ #13  
1180' FNL & 660' FWL  
Sec. 31, T6S, R26E  
Chaves County, New Mexico

Gentlemen:

The following is a Deviation Survey for the above captioned well.

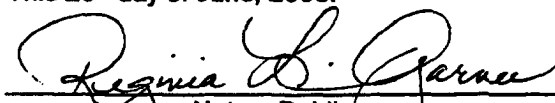
DEPTH	DEVIATION	DEPTH	DEVIATION
519'	1/2°	3392'	3/4°
1023'	1/2°	4082'	1 1/4°
1519'	3/4°	4262'	1 1/4°
1850'	1/4°	4510'	1 1/2°
2278'	1/2°	4850'	1°
25713'	3/4°	5141'	1°
3155	3/4°	5390'	1°

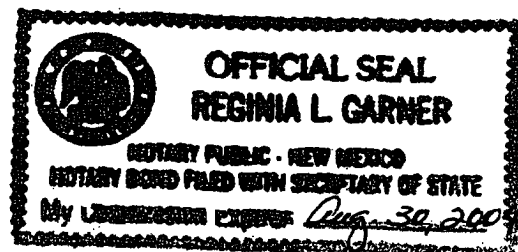
Very truly yours,

  
Eddie C. LaRue  
Vice President

STATE OF NEW MEXICO }  
COUNTY OF EDDY }

The foregoing was acknowledged before me  
This 25<sup>th</sup> day of June, 2003.

  
Regina L. Garner  
Notary Public



03-1218

*Serving Southeast New Mexico and West Texas Since 1974*

**District I**

1625 N. French Dr., Hobbs, NM 88240

**District II**

811 South First, Artesia, NM 88210

**District III**

1000 Rio Brazos Rd., Aztec, NM 87410

**District IV**

1220 S. St. Francis Dr., Santa Fe, NM 87505

Form C-102

Revised August 15, 2000

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number 30-005-63495	<sup>2</sup> Pool Code 82730	<sup>3</sup> Pool Name Pecos Slope Abo
<sup>4</sup> Property Code 12267	<sup>5</sup> Property Name Federal HJ	<sup>6</sup> Well Number 13
<sup>7</sup> OGRID No. 025575	<sup>8</sup> Operator Name Yates Petroleum Corporation	<sup>9</sup> Elevation 3725' GR

**<sup>10</sup> Surface Location**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	31	6S	26E		1180	North	660	West	Chaves

**<sup>11</sup> Bottom Hole Location If Different From Surface**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

<sup>12</sup> Dedicated Acres 160	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A  
NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

		<b><sup>17</sup> OPERATOR CERTIFICATION</b>
		<i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>
		Signature <i>Tina Huerta</i>
		Printed Name Tina Huerta
		Title Regulatory Compliance Supervisor
		Date September 19, 2003
		<b><sup>18</sup> SURVEYOR CERTIFICATION</b>
		<i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i>
		Date of Survey
		Signature and Seal of Professional Surveyor:
		See Original Plat
		Certificate Number