

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD-HOBBS

FORM APPROVED  
OMB NO. 1004-0137  
Expires: July 31, 2010

## 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)  
575-748-1471

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At Surface 1980'FSL & 1980'FEL (Unit J, NWSE)

At top prod. Interval reported below

BHL 1857  
1873'FSL & 7470'FEL (Unit J, NWSE)  
1569

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5. Lease Serial No.

NM-104693

6. If Indian, Allottee or Tribe Name

NA

7. Unit or CA Agreement Name and No.

NA

8. Lease Name and Well No.

Bargain BQA Federal #1H

9. API Well No.

30-025-33341

10. Field and Pool or Exploratory

Wildcat; Bone Spring

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

Surface-Sec 22-T22S-R33E  
BHL-Sec 21-T22S-R33E

12. County or Parish 13. State

Lea

New Mexico

14. Date Spudded  
RE 8/11/10

15. Date T.D. Reached  
9/11/10

16. Date Completed 3/16/11  
☐ D & A ☒ Ready to Prod.

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

3556'GL 3583'KB

18. Total Depth: MD 15,010'  
TVD 10,500'

19. Plug Back T.D.: MD 14,950'  
TVD NA

20. Depth Bridge Plug Set: MD NA  
TVD NA

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

CNL, Hi-Res Laterolog Array, CBL

22 Was Well cored? ☒ No ☐ Yes (Submit analysis)

Was DST run? ☒ No ☐ Yes (Submit report)

Directional Survey? ☐ No ☒ Yes (Submit copy) (ATTACHED)

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
17-1/2"	13-3/8"	54.5#	0	650'		In Place		0	
12-1/4"	8-5/8"	32#	0	4906'		In Place		0	
7-7/8"	5-1/2"	17#	0	14,995'		1280sx PVL 625sx "H"			

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"	8950'	8950'						

25. Producing Intervals

Formation	Top	Bottom
A) Bone Spring	9949'	14,940'
B)		
C)		

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
3/17/11	3/18/11	24	→	290	1160	614	NA	NA	Flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
24/64"	800 psi	100 psi	→	290	1160	614	NA		
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

MAR 25 2011  
ProducingBUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

APR 06 2011

## 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.)

## Flaring

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.

Formation	Top	Bottom	Description, Contents, etc.	Name	Top
					Meas. Depth
Rustler	991'	4566'		Rustler	991'
BOS	4567'	5089'		BOS	4567'
Bell Canyon	5090'	5765'		Bell Canyon	5090'
Cherry Canyon	5766'	6709'		Cherry Canyon	5766'
Brushy Canyon	6710'	8627'		Brushy Canyon	6710'
Bone Spring	8628'	15,010'		Bone Spring	8628'

31. Formation (Log) Markers

32. Additional remarks (include plugging procedure):

Bureau of Land Management  
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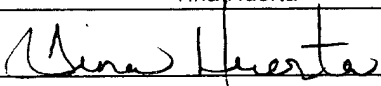
Carlsbad Field Office  
Carlsbad, N.M.

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☒ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☒ 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 March 21, 2011

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.

**Form 3160-4 continued:**

26. Perforation Record			
Perforated Interval	Size	No. Holes	Perf. Status
14,940'		12	Producing
14,812'		12	Producing
14,684'		12	Producing
14,556'		12	Producing
14,296'		12	Producing
14,135'		12	Producing
13,974'		12	Producing
13,813'		12	Producing
13,652'		12	Producing
13,491'		12	Producing
13,330'		12	Producing
13,169'		12	Producing
13,008'		12	Producing
12,847'		12	Producing
12,688'		12	Producing
12,525'		12	Producing

26. Perforation Record			
Perforated Interval	Size	No. Holes	Perf. Status
12,364'		12	Producing
12,203'		12	Producing
12,042'		12	Producing
11,881'		12	Producing
11,720'		12	Producing
11,559'		12	Producing
11,398'		12	Producing
11,237'		12	Producing
11,076'		12	Producing
10,915'		12	Producing
10,754'		12	Producing
10,593'		12	Producing
10,432'		12	Producing
10,271'		12	Producing
10,110'		12	Producing
9949'		12	Producing

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

Depth Interval	Amount and Type of Material
11,881'-14,940'	Spotted 2500g 7-1/2% HCL acid
14,556'-14,940'	Acidized w/2500g 7-1/2% HCL acid, Frac w/slickwater, 25# linear gel, 30# borate XL, 6626 bbls fluid, 14,532# 100 mesh sand, 84,413# 40/70 white sand, 25,471# 20/40 RCS
14,296'	Spotted 2500g 7-1/2% HCL acid
13,813'-14,296'	Acidized w/2500g 7-1/2% HCL acid, Frac w/slickwater, 25# linear gel, 25# borate XL, 8553 bbls fluid, 14,913# 100 mesh sand, 86,807# 40/70 white sand, 140,428# 20/40 RCS
13,652'	Spotted 2500g 7-1/2% HCL acid
13,169'-13,652'	Acidized w/2500g 7-1/2% HCL acid, Frac w/slickwater, 25# linear gel, 25# borate XL, 7861 bbls fluid, 14,822# 100 mesh sand, 85,000# 40/70 white sand, 55,800# 20/40 VP
13,008'	Spotted 2500g 7-1/2% HCL acid
12,525'-13,008'	Acidized w/2500g 7-1/2% HCL acid, Frac w/slickwater, 25# linear gel, 25# borate XL, 6583 bbls fluid, 14,600# 100 mesh sand, 85,800# 40/70 white sand, 22,000# Versaprop
12,364'	Spotted 2500g 7-1/2% HCL acid
11,881'-12,364'	Acidized w/4000g 7-1/2% HCL acid, Frac w/slickwater, 25# linear gel, 25# borate XL, 7974 bbls fluid, 14,881# 100 mesh sand, 85,000# 40/70 white sand, 82,423# 20/40 VP
11,720'	Spotted 2500g 7-1/2% HCL acid
11,237'-11,720'	Acidized w/4000g 7-1/2% HCL acid, Frac w/slickwater, 25# linear gel, 25# borate XL, 30# linear gel, 8032 bbls fluid, 14,926# 100 mesh sand, 85,974# 40/70 white sand, 94,124# 20/40 Versaprop
11,076'	Spotted 2500g 7-1/2% HCL acid
10,593'-11,076'	Acidized w/4000g 7-1/2% HCL acid, Frac w/slickwater, 25# linear gel, 25# borate XL, 30# linear gel, 8363 bbls fluid, 14,904# 100 mesh sand, 85,386# 40/70 white sand, 100,324# 20/40 Versaprop
10,432'	Spotted 2500g 7-1/2% HCL acid
9949'-10,432'	Acidized w/4000g 7-1/2% HCL acid, Frac w/slickwater, 25# linear gel, 25# borate XL, 30# linear gel, 8157 bbls fluid, 14,970# 100 mesh sand, 84,906# 40/70 white sand, 102,924# 20/40 Versaprop

  
Regulatory Compliance Supervisor  
March 21, 2011