

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTOCD-HOBBSD  
RECEIVEDFORM 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: \_\_\_\_\_

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 330'FSL & 990'FWL (Unit M, SWSW) ✓

At top prod. interval reported below

BHL 4946'FSL & 637'FWL (Unit D, NWNW)

5. Lease Serial No.

NM-94095

6. If Indian, Allottee or Tribe Name

NA

7. Unit or CA Agreement Name and No.

NA

8. Lease Name and Well No.

Caper BFE Federal #16H ✓

9. API Well No.

30-025-38101 ✓

10. Field and Pool or Exploratory

Lost Tank; Delaware

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

Section 17-T21S-R32E ✓

12. County or Parish 13. State

Lea New Mexico ✓

14. Date Spudded RH 7/9/10 RT 7/15/10  
15. Date T.D. Reached 7/30/10  
16. Date Completed 12/16/10  
☐ D & A ☒ Ready to Prod.

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

3637'GL 3664'KB

18. Total Depth: MD 12,800'  
TVD NA  
19. Plug Back T.D.: MD 12,748'  
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
26"	20"	Cond.	0	90'		Redi-mix		0	
17-1/2"	13-3/8"	48#	0	1060'		850sx "C"		0	
12-1/4"	9-5/8"	36#, 40#	0	4306'		1150sx 35:65:6 200sx "C"		0	
8-1/2"	5-1/2"	17#	0	12,800'		900sx PVL 1175sx 35:65:6 100sx "H"		0	

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"	7661'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Delaware	8715'	12,740'				
B)						
C)						

SEE ATTACHED SHEET  
PRODUCED FOR RECORD

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

Depth Interval	Amount and Type of Material

SEE ATTACHED SHEET

JAN 9 2011

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
12/17/10	12/20/10	24	→	122	130	1205	NA	NA	Pumping
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
NA	1750 psi	NA	→	122	130	1205	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	
			→						

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## 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
Rustler	978'	1107'		Rustler	978'
TOS	1108'	3313'		TOS	1108'
BOS	3314'	4542'		BOS	3314'
Bell Canyon	4543'	5505'		Bell Canyon	4543'
Cherry Canyon	5506'	6705'		Cherry Canyon	5506'
Brushy Canyon	6706'	12,800'		Brushy Canyon	6706'

## 32. Additional remarks (include plugging procedure):

## 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)\*

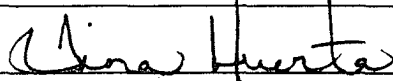
Name (please print)

Tina Huerta

Title

Regulatory Compliance Supervisor

Signature



Date

December 21, 2010

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.

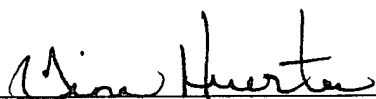
Yates Petroleum Corporation  
 Caper BFE Federal #16H  
 Section 17-T21S-R32E  
 Lea County, New Mexico  
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**Form 3160-4 continued:**

26. Perforation Record			
Perforated Interval	Size	No. Holes	Perf. Status
12,740'		12	Producing
12,610'		12	Producing
12,480'		12	Producing
12,350'		12	Producing
12,000'		10	Producing
11,500'		10	Producing
11,000'		10	Producing

26. Perforation Record			
Perforated Interval	Size	No. Holes	Perf. Status
10,500'		10	Producing
10,000'		10	Producing
9540'		10	Producing
9265'		10	Producing
8990'		10	Producing
8715'		10	Producing

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.	
Depth Interval	Amount and Type of Material
12,350'-12,740'	Acidized w/2500g 7-1/2% HCL acid, Frac w/a 30# borate XL, 3660 bbls fluid, 187,200# 20/40 Ottawa, 15,000# 20/40 RCS
9681'-12,740'	Spotted 2500g 15% IC HCL DI acid
10,000'-12,000'	Spotted 12,000g 7-1/2% HCL inhibited acid, Frac w/a 30# borate XL, 15,262 bbls fluid, 607,000# 20/40 Ottawa, 395,146# 20/40 RCS
9620'	Spotted 2500g 7-1/2% HCL acid
8715'-9540'	Acidized w/10,000g 7-1/2% HCL acid, Frac w/a 30# borate XL, 7670 bbls fluid, 392,966# 20/40 Ottawa, 163,660# RCS

  
 Regulatory Compliance Supervisor  
 December 21, 2010