

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Artesia

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 Resrv

Other. \_\_\_\_\_

**AMENDED TVD**

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 & 1980'FEL (Unit O, SWSE)

At top prod Interval reported below

BHL 4665'FSL & 2016'FEL (Unit B, NWNE)

14. Date Spudded  
RH 12/26/08 RT 12/29/08

15 Date T D Reached  
2/16/09

16 Date Completed 6/1/09  
☐ D & A ☒ Ready to Prod

18 Total Depth MD 12,457'  
TVD 8323'

19 Plug Back T D MD 12,238'  
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
20"	16"	Cond.	0	40'		Redi-mix		0	
14-3/4"	11-3/4"	42#	0	898'		475sx "C"		0	
11"	8-5/8"	24#,32#	0	4360'		1100sx 35'65'6 200sx "C"		0	
7-7/8"	5-1/2"	17#	0	12,280'		960sx TXI 500sx 35'65'6 100sx "C"			

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"	8000'							

25 Producing Intervals

Formation	Top	Bottom
A) Delaware	8540'	12,457'
B)		
C)		
D)		

26 Perforation Record

Perforated Interval	Size	No Holes	Perf Status
SEE ATTACHED SHEET			
ACCEPTED FOR RECORD			

27 Acid, Fracture, Treatment, Cement Squeeze, Etc

Depth Interval	Amount and Type of Material
SEE ATTACHED SHEET	
SEP 24 2009	

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
6/2/09	7/19/09	24	→	427	954	816	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	100 psi	190 psi	→	427	954	816	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	
			→						

\*(See instructions and spaces for additional data on page 2)

## 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	668'	999'		Rustler	668'
TOS	1000'	4249'		TOS	1000'
BOS	4250'	4517'		BOS	4250'
Bell Canyon	4518'	5425'		Bell Canyon	4518'
Cherry Canyon	5426'	6591'		Cherry Canyon	5426'
Brushy Canyon	6592'	8437'		Brushy Canyon	6592'
Bone Spring	8348'	12457'		Bone Spring	8348'
REFER TO LOGS					

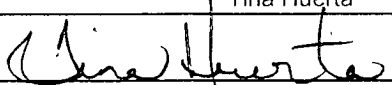
32 Additional remarks (include plugging procedure)

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 September 12, 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

Yates Petroleum Corporation  
 Haracz AMO Federal #8H  
 Section 23-T24S-R31E  
 Eddy County, New Mexico  
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Form 3160-4 continued:

26. Perforation Record

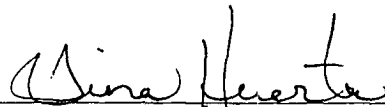
Perforated Interval	Size	No. Holes	Perf. Status
12,150'		12	Producing
11,960'		12	Producing
11,770'		12	Producing
11,580'		12	Producing
11,390'		12	Producing
11,200'		12	Producing
11,010'		12	Producing
10,820'		12	Producing
10,630'		12	Producing
10,440'		12	Producing

26. Perforation Record

Perforated Interval	Size	No. Holes	Perf. Status
10,250'		12	Producing
10,060'		12	Producing
9870'		12	Producing
9680'		12	Producing
9490'		12	Producing
9300'		12	Producing
9110'		12	Producing
8920'		12	Producing
8730'		12	Producing
8540'		12	Producing

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

Depth Interval	Amount and Type of Material
11,580'-12,150'	Frac w/25# borate XL, 3850 bbls fluid, 175,506# 20/40 white and Super LC RCS Pumped 250 bbls fluid down 5-1/2" casing into perfs
12,236'	Spotted 2500g 7-1/2% HCL Triple inhibitor acid
12,280'-12,457' (OH)	Frac w/25# borate XL, 2863 bbls fluid, 186,230# 20/40 white and Super LC RCS
12,160'	Spotted 2500g 7-1/2% HCL acid
11,395'	Spotted 2500g 7-1/2% HCL acid
10,820'-11,390'	Spearhead 2500g 7-1/2% HCL acid Frac w/35# XL, 3434 bbls fluid, 99,659# white sand and 31,142# Super LC RCS
10,640'	Spotted 2500g 7-1/2% HCL acid
10,060'-10,630'	Spearhead 2500g 7-1/2% HCL acid Frac w/35# borate XL, 3338 bbls fluid, 88,853# white sand and 34,104# Super LC RCS
9880'	Spotted 2500g 7-1/2% HCL acid
9300'-9870'	Spearhead 2500g 7-1/2% HCL Frac w/35# borate XL, 3715 bbls fluid, 92,101# 20/40 white sand and 51,137# Super LC RCS
9120'	Spotted 2500g 7-1/2% HCL acid
8540'-9110'	Spearhead 4500g 7-1/2% HCL acid Frac w/35# borate XL, 4083 bbls fluid, 112,284# 20/40 white sand and 79,675# Super LC RCS



Regulatory Compliance Supervisor  
 September 12, 2011