

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: \_\_\_\_\_

AUG 12 2009

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)

5 Lease Serial No

NM-57274

6 If Indian, Allottee or Tribe Name

NA

7. Unit or CA Agreement Name and No

NA

8. Lease Name and Well No.

Haracz AMO Federal #8H

9 API Well No

30-015-36778

10 Field and Pool or Exploratory

Poker Lake; Delaware, East

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

Section 23-T24S-R31E

12 County or Parish 13 State

Eddy

New Mexico

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.

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

3562'GL 3580'KB

18 Total Depth MD 12,457'  
TVD 8530'

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"		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"	8000'							

25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A) Delaware	8540'	12,457'				
B)						
C)						
D)						

SEE ATTACHED SHEET

27 Acid, Fracture, Treatment, Cement Squeeze, Etc

Depth Interval	Amount and Type of Material

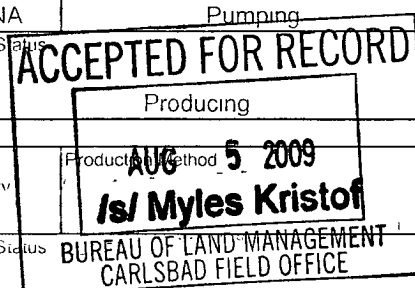
SEE ATTACHED SHEET

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
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		

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
Rustler	668'	999'		Rustler	668'
TOC	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'	8347'		Brushy Canyon	6592'
Bone Spring	8348'	12457'		Bone Spring	8348'
Refer to Logs					

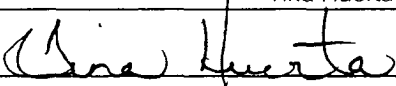
## 32 Additional remarks (include plugging procedure).

## 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 July 29, 2009

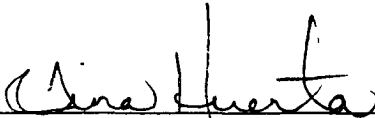
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212 make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

**Form 3160-4 continued:**

26. Perforation Record			
Perforated Interval	Size	No. Holes	Perf. Status
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  
July 29, 2009