

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. Resvr.,  
Other: \_\_\_\_\_

2. Name of Operator  
Yates Petroleum Corporation

3. Address  
105 S. 4th Str., Artesia, NM 88210

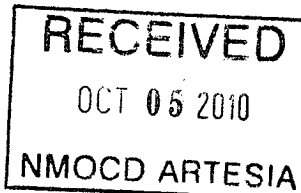
3a. Phone No. (include area code)  
575-748-1471

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

At Surface 460'FSL & 380'FEL (Unit P, SESE)

At top prod. Interval reported below

BHL 627'FSL & 4902'FEL (Unit M, SWSW)



5. Lease Serial No.

LC-050429-B

6. If Indian, Allottee or Tribe Name

NA

7. Unit or CA Agreement Name and No.

NA

8. Lease Name and Well No.

Sand Tank APS Federal Com #2H

9. API Well No.

30-015-37167

10. Field and Pool or Exploratory

Sand Tank; Bone Spring

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

Section 12-T18S-R29E

12. County or Parish 13. State

Eddy

New Mexico

14. Date Spudded  
RH 5/21/10 RT 5/25/10

15. Date T.D. Reached  
7/1/10

16. Date Completed 9/15/10  
☐ D & A ☒ Ready to Prod.

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

3510'GL 3528'KB

18. Total Depth: MD 12,203'  
TVD 8096'

19. Plug Back T.D.: MD 12,175'  
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, Borehole  
Compensated Sonic, 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"	Cond.	0	40'		11yds		0	
14-3/4"	11-3/4"	42#	0	472'		475sx PremPlus		0	
11"	8-5/8"	32#	0	3276'		850sx PremPlus		0	
7-7/8"	5-1/2"	17#	0	12,203'		800sx "H" 500sx LitePrem			

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"	7335'	7335'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Bone Spring	8265'	12,153'				
B)						
C)						

26. Perforation Record

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
9/16/10	9/20/10	24	→	116	122	294	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	250 psi	75 psi	→	116	122	294	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	
			→						

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

## 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	322'	1149'		Rustler	322'
Tansill	1150'	1261'		Tansill	1150'
Yates	1262'	1619'		Yates	1262'
Seven Rivers	1620'	2249'		Seven Rivers	1620'
Queen	2250'	2676'		Queen	2250'
Grayburg	2677'	3115'		Grayburg	2677'
San Andres	3116'	4140'		San Andres	3116'
Bone Spring	4141'	12,203'		Bone Spring	4141'

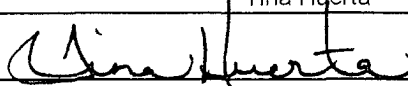
## 32. Additional remarks (include plugging procedure):

## 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 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.


**Form 3160-4 continued:**

26. Perforation Record			
Perforated Interval	Size	No. Holes	Perf. Status
12,153'	9		Producing
12,009'	9		Producing
11,865'	9		Producing
11,721'	9		Producing
11,577'	9		Producing
11,433'	9		Producing
11,289'	9		Producing
11,145'	9		Producing
11,001'	9		Producing
10,857'	9		Producing
10,713'	9		Producing
10,569'	9		Producing
10,425'	9		Producing
10,281'	9		Producing

26. Perforation Record			
Perforated Interval	Size	No. Holes	Perf. Status
10,137'	9		Producing
9993'	9		Producing
9849'	9		Producing
9705'	9		Producing
9561'	9		Producing
9417'	9		Producing
9293'	9		Producing
9129'	9		Producing
8985'	9		Producing
8841'	9		Producing
8697'	9		Producing
8553'	9		Producing
8409'	9		Producing
8265'	9		Producing

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

Depth Interval	Amount and Type of Material
12,163'	Spotted 1500g 15% NEFE HCL
11,721'-12,153'	Frac w/a 30# borate x-linked gel. Pumped 2994g 7-1/2% HCL acid. Total prop 148,680# 20/40 Jordan-Unimin, 82,788# 20/40 Super LC
11,577'	Spotted 1500g 7-1/2% HCL
11,145'-11,577'	Frac w/a 30# borate x-linked gel. Pumped 2995g 7-1/2% HCL. Total prop 149,393# 20/40 Jordan-Unimin, 83,003# 20/40 Super LC
11,001'	Spotted 1500g 7-1/2% HCL
10,569'-11,001'	Frac w/a 30# borate x-linked gel. Pumped 3003g 7-1/2% HCL. Total prop 148,787# 20/40 Jordan-Unimin, 82,876# 20/40 Super LC
10,425'	Spotted 1500g 7-1/2% HCL
9993'-10,425'	Frac w/a 30# borate x-linked gel. Pumped 3165g 7-1/2% HCL. Total prop 151,320# 20/40 Jordan-Unimin, 76,254# 20/40 Super LC
9849'	Spotted 1500g 7-1/2% HCL
9417'-9849'	Frac w/a 30# borate x-linked gel. Pumped 3014g 7-1/2% HCL. Total prop 145,333# 20/40 Jordan-Unimin, 59,525# 20/40 Super LC
9273'	Spotted 1500g 7-1/2% HCL
8841'-9293'	Frac w/a 30# borate x-linked gel. Pumped 3000g 7-1/2% HCL. Total prop 138,701# 20/40 Jordan-Unimin, 67,474# 20/40 Super LC
8697'	Spotted 1500g 7-1/2% HCL
8265'-8697'	Frac w/a 30# borate x-linked gel. Pumped 3000g 7-1/2% HCL. Total prop 121,800# 20/40 Jordan-Unimin, 70,901# 20/40 Super LC

  
Regulatory Compliance Supervisor  
September 21, 2010