

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

At top prod. Interval reported below

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

RECEIVED
SEP 22 2011
NMOCD ARTESIA

5 Lease Serial No

LC-050429-B

6 If Indian, Allottee or Tribe Name

NA

7 Unit or CA Agreement Name and No

NMNM125546

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 7786'

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	
						800sx "H"			
7-7/8"	5-1/2"	17#	0	12,203'		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)						

SEE ATTACHED SHEET

27 Acid, Fracture, Treatment, Cement Squeeze, Etc

Depth Interval	Amount and Type of Material

SEE ATTACHED SHEET

RECLAMATION

DUE 3-15-11

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	

ACCEPTED FOR RECORD

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'

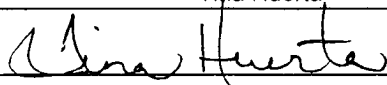
32 Additional remarks (include plugging procedure)

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 7, 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
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 7, 2011