

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

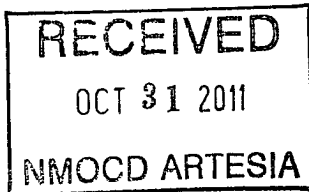
3 Address 105 S 4th Str, Artesia, NM 88210
3a Phone No. (include area code) 575-748-1471

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

At Surface 330'FSL & 660'FEL (Unit P, SESE)

At top prod Interval reported below

BHL 398'FNL & 670'FEL (Unit A, NENE)



5 Lease Serial No

NM-31649

6 If Indian, Allottee or Tribe Name

NA

7 Unit or CA Agreement Name and No

NA

8 Lease Name and Well No

Melson ZS Federal #2H

9 API Well No

30-015-38665

10 Field and Pool or Exploratory

Corral Canyon; Bone Spring, South

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

Section 8-T26S-R30E

12 County or Parish 13 State

Eddy

New Mexico

14 Date Spudded
RH 7/8/11 RT 7/14/11

15 Date T D Reached
8/5/11

16 Date Completed 9/29/11
☐ D & A ☒ Ready to Prod

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

3076'GL 3102'KB

18 Total Depth MD 12,190'
TVD NA

19 Plug Back T.D.: MD 12,084'
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	808'		900sx "C"		0	
12-1/4"	9-5/8"	36#,40#	0	3434'		1170sx "C"		0	
8-1/2"	5-1/2"	20#	0	12,175'		1640sx "H" 283sx "C"		3530'	

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"	7210'	7210'						

25 Producing Intervals

Formation	Top	Bottom
A) Bone Spring	8225'	12,075'
B)		
C)		

26 Perforation Record

Perforated Interval	Size	No Holes	Perf Status
SEE ATTACHED SHEET			

27 Acid, Fracture, Treatment, Cement Squeeze, Etc

Depth Interval	Amount and Type of Material
SEE ATTACHED SHEET	
RECLAMATION DUE 3-29-12	

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
9/30/11	10/1/11	24	→	295	2094	1950	NA	NA	Flowing
Choke Size	Tbg Press Flwg	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
31/64"	1050 psi	Packer	→	295	2094	1950	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)

ACCEPTED FOR RECORD
Producing

Accepted for record
NMOCD

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	878'	1851'		Rustler	878'
TOS	1852'	3305'		TOS	1852'
BOS	3306'	3528'		BOS	3306'
Bell Canyon	3529'	4429'		Bell Canyon	3529'
Cherry Canyon	4430'	5731'		Cherry Canyon	4430'
Brushy Canyon	5732'	7321'		Brushy Canyon	5732'
Bone Spring	7322'	12,190'		Bone Spring	7322'

32 Additional remarks (include plugging procedure)

**Bureau of Land Management
RECEIVED**

OCT 7 2011

**Carlsbad Field Office
Carlsbad, NM**

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)*

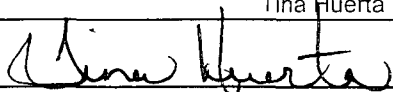
Name (please print)

Tina Huerta

Title

Regulatory Compliance Supervisor

Signature



Date

October 5, 2011

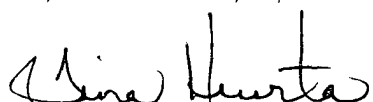
Title 18 U S C Section 1001 and Title 43 U S C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

Form 3160-4 Continued:

26. Perforation Record				26 Perforation Record			
Perforated Interval	Size	No. Holes	Perf. Status	Perforated Interval	Size	No. Holes	Perf. Status
12,075'		12	Producing	10,095'		12	Producing
11,965'		12	Producing	9985'		12	Producing
11,855'		12	Producing	9875'		12	Producing
11,745'		12	Producing	9765'		12	Producing
11,635'		12	Producing	9655'		12	Producing
11,525'		12	Producing	9545'		12	Producing
11,415'		12	Producing	9435'		12	Producing
11,305'		12	Producing	9325'		12	Producing
11,195'		12	Producing	9215'		12	Producing
11,085'		12	Producing	9105'		12	Producing
10,975'		12	Producing	8995'		12	Producing
10,865'		12	Producing	8885'		12	Producing
10,755'		12	Producing	8775'		12	Producing
10,645'		12	Producing	8665'		12	Producing
10,534'		12	Producing	8555'		12	Producing
10,425'		12	Producing	8445'		12	Producing
10,315'		12	Producing	8335'		12	Producing
10,205'		12	Producing	8225'		12	Producing

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

Depth Interval	Amount and Type of Material
11,745'-12,075'	Acidized w/2527g 7-1/2% HCL acid, frac w/25# x-linked gel, 15,174# 100 mesh, 58,370# 40/70 Jordan-Unimin, 108,037# 20/40 Jordan-Unimin
11,690'	Spotted 2500g 15% HCL acid
11,305'-11,635'	Acidized w/2500g 15% HCL acid, frac w/14,898# 100 mesh, 62,900# 40/70 Jordan-Unimin, 202,907# 20/40 Jordan-Unimin
11,250'	Spotted 2500g 15% HCL acid
10,865'-11,195'	Acidized w/2500g 15% HCL acid, frac w/14,721# 100 mesh, 62,723# 40/70 Jordan-Unimin, 204,226# 20/40 Jordan-Unimin
10,800'	Spotted 2500g 15% HCL acid
10,425'-10,755'	Acidized w/2500g 15% HCL acid, frac w/16,209# 100 mesh, 63,020# 40/70 Jordan-Unimin, 204,126# 20/40 Jordan-Unimin
10,370'	Spotted 2500g 15% HCL acid
9985'-10,315'	Acidized w/2629g 15% HCL acid, frac w/14,841# 100 mesh, 62,832# 40/70 Jordan-Unimin, 206,779# 20/40 Jordan-Unimin
9930'	Spotted 2500g 15% HCL acid
9545'-9875'	Acidized w/2520g 15% HCL acid, frac w/1517# 100 mesh, 63,731# 40/70 Jordan-Unimin, 204,104# 20/40 Jordan-Unimin
9490'	Spotted 2500g 15% HCL acid
9105'-9435'	Acidized w/2488g 15% HCL acid, frac w/15,048# 100 mesh, 61,604# 40/70 Jordan-Unimin, 214,405# Jordan-Unimin
9050'	Spotted 2500g 15% HCL acid
8665'-8995'	Acidized w/2497g 15% HCL acid, frac w/15,082# 100 mesh, 64,429# 40/70 Jordan-Unimin, 201,240# 20/40 Jordan-Unimin
8610'	Spotted 2500g 15% HCL acid
8225'-8555'	Acidized w/2494g 15% HCL acid, frac w/15,297# 100 mesh, 69,614# 40/70 Jordan-Unimin, 197,710# 20/40 Jordan-Unimin


 Regulatory Compliance Supervisor
 October 5, 2011