

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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5 Lease Serial No NM-116044							
b Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff Resrv Other: _____		6 If Indian, Allottee or Tribe Name NA							
2 Name of Operator Yates Petroleum Corporation		7 Unit or CA Agreement Name and No NA							
3 Address 105 S 4th Str, Artesia, NM 88210		8 Lease Name and Well No Petrogulf BJT Federal #1H							
3a Phone No (include area code) 575-748-1471		9 API Well No 30-015-37365							
4 Location of Well (Report location clearly and in accordance with Federal requirements)* At Surface 660'FSL & 330'FEL (Unit P, SESE) At top prod Interval reported below BHL 595'FSL & 4893'FEL (Unit M, SWSW)		10 Field and Pool or Exploratory Poker Lake; Delaware, East 11 Sec, T, R, M, on Block and Survey or Area Section 14-T24S-R31E							
12 County or Parish Eddy		13 State New Mexico							
14 Date Spudded RH 10/28/09 RT 11/2/09		15 Date T D Reached 12/13/09							
16 Date Completed 3/5/10 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod		17 Elevations (DF, RKB, RT, GL)* 3590'GL 3609'KB							
18 Total Depth MD 12,704' TVD 8312'		19 Plug Back T.D MD 12,660' 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? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> 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 Sk & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled
17-1/2"	20"	Cond	0	40'		Redi-mix		0	
12-1/4"	13-3/8"	48#	0	898'		720 sx "C"		0	
7-7/8"	9-5/8"	36#,40#	0	4420'		1300sx 35 65 6 "C" 200sx "C"		0	
	5-1/2"	17#	0	12,704'		750sx PVL 1109sx 35 65 6 "C"		420'CBL	
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"	7744'								
25 Producing Intervals									
Formation	Top	Bottom	26 Perforation Record						
A) Delaware	8673'	12,610'	Perforated Interval	Size	No Holes	Perf Status			
C)			SEE ATTACHED SHEET						
D)									
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
3/6/10	3/10/10	24	→	391	581	2010	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	150 psi	120 psi	→	391	581	2010	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	
			→						

RECEIVED  
SEP 22 2011  
NMOCD ARTESIARECLAMATION  
DUE 9-5-10ACCEPTED FOR RECORD  
SEP 17 2011  
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)	31 Formation (Log) Markers
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	

Formation	Top	Bottom	Description, Contents, etc	Name	Top Meas Depth
Rustler	722'	1049'		Rustler	722'
TOS	1050'	4355'		TOS	1050'
BOS	4356'	4633'		BOS	4356'
Bell Canyon	4634'	5495'		Bell Canyon	4634'
Cherry Canyon	5496'	6723'		Cherry Canyon	5496'
Brushy Canyon	6724'	8433'		Brushy Canyon	6724'
Bone Spring	8434'	12,704'		Bone Spring	8434'
REFER TO LOGS					

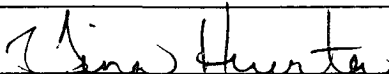
32 Additional remarks (include plugging procedure)

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 8, 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

(Continued on page 3)

(Form 3160-4, page2)

**Form 3160-4 Continued:**

26. Perforation Record			
Perforated Interval	Size	No Holes	Perf. Status
12,610'		12	Producing
12,483'		12	Producing
12,356'		12	Producing
12,229'		12	Producing
12,102'		12	Producing
11,975'		12	Producing
11,848'		12	Producing
11,721'		12	Producing
11,594'		12	Producing
11,467'		12	Producing
11,340'		12	Producing
11,213'		12	Producing
11,086'		12	Producing
10,959'		12	Producing
10,832'		12	Producing
10,705'		12	Producing

26. Perforation Record			
Perforated Interval	Size	No Holes	Perf Status
10,578'		12	Producing
10,451'		12	Producing
10,324'		12	Producing
10,197'		12	Producing
10,070'		12	Producing
9943'		12	Producing
9816'		12	Producing
9689'		12	Producing
9562'		12	Producing
9435'		12	Producing
9308'		12	Producing
9181'		12	Producing
9054'		12	Producing
8927'		12	Producing
8800'		12	Producing
8673'		12	Producing

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

Depth Interval	Amount and Type of Material
12,166'	Spotted 2500g 7-1/2% acid
12,229'-12,610'	Acidized w/2500g 7-1/2% HCL acid
	Frac w/a 30 PPT borate gel, 123,928# 20/40 Jordan-Unimin, 84,056# propnet
11,653'	Spotted 2500g 7-1/2% acid
11,721'-12,102'	Acidized w/2500g 7-1/2% acid
	Frac w/a 30 PPT borate gel, 125,024# 20/40 Jordan-Unimin, 79,500# propnet
11,150'	Spotted 2500g 7-1/2% acid
11,213'-11,594'	Acidized w/2500g 7-1/2% acid
	Frac w/a 30 PPT borate gel, 123,418# 20/40 Jordan-Unimin, 80,476# 20/40 propnet
10,642'	Spotted 2500g 7-1/2% acid
10,705'-11,086'	Acidized w/2500g 7-1/2% acid
	Frac w/a 30 PPT borate gel, 123,524# 20/40 Jordan-Unimin, 79,885# 20/40 propnet
10,134'	Spotted 2500g 7-1/2% acid
10,197'-10,578'	Acidized w/2500g 7-1/2% acid
	Frac w/a 30 PPT borate gel, 123,950# 20/40 Jordan-Unimin, 82,162# 20/40 propnet
9620'	Spotted 2500g 7-1/2% acid
9689'-10,070'	Acidized w/2500g 7-1/2% acid
	Frac w/a 30 PPT borate gel, 122,245# 20/40 Jordan-Unimin, 80,988# 20/40 propnet
9118'	Spotted 2500g 7-1/2% acid
9181'-9562'	Acidized w/2500g 7-1/2% acid
	Frac w/a 30 PPT borate gel, 123,810# 20/40 Jordan-Unimin, 82,405# 20/40 propnet
8673'-9054'	Acidized w/2500g 7-1/2% acid
	Frac w/a 30 PPT borate gel, 123,087# 20/40 Jordan-Unimin, 62,391# 20/40 propnet

  
Regulatory Compliance Supervisor  
September 8, 2011