

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		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: _____		AMENDED TVD				
2 Name of Operator Yates Petroleum Corporation						5 Lease Serial No NM-117120 - BHL				
3 Address 105 S. 4th Str, Artesia, NM 88210				3a Phone No (include area code) 575-748-1471		6 If Indian, Allottee or Tribe Name NA				
4 Location of Well (Report location clearly and in accordance with Federal requirements)* At Surface 960'FNL & 30'FEL (Unit A, NENE) At top prod Interval reported below BHL 973'FNL & 3776'FEL (Unit D, NWNW)						7 Unit or CA Agreement Name and No NA				
8 Lease Name and Well No Balsam BNL Federal Com #1H						9 API Well No 30-015-37035				
10 Field and Pool or Exploratory Cedar Canyon, Bone Spring						11 Sec, T, R, M, on Block and Survey or Area Section 8-T24S-R29E				
12 County or Parish Eddy						13 State New Mexico				
14 Date Spudded RH 5/31/09 RT 6/28/09		15 Date T D Reached 7/29/09		16 Date Completed 10/20/09 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod		17 Elevations (DF, RKB, RT, GL)* 2990'GL 3009'KB				
18 Total Depth MD 11,156' TVD 7675'		19 Plug Back T D MD 11,095' 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 Skis & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled	
26"	20"	Cond	0	40'		Redi-mix		0		
17-1/2"	11-3/4"	42#	0	639'		700sx "C"		0		
11"	8-5/8"	24# 32#	0	2810'		820sx "C"		0		
7-7/8"	5-1/2"	17#	0	11,156'		1565sx PVL 430sx "C"				
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"	6805'	6805'								
25 Producing Intervals					26 Perforation Record					
Formation		Top		Bottom		Perforated Interval		Size	No Holes	Perf Status
A) Bone Spring		8182'		11,089'						
B)										
C)										
D)										
27 Acid, Fracture, Treatment, Cement Squeeze, Etc										
Depth Interval		Amount and Type of Material								
		SEE ATTACHED SHEET								
		SEP 17 2011								
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	
10/21/09	10/23/09	24	→	502	667	843	NA	NA	Flowing	
Choke Size	Tbg Press Flwg	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		
21/64"	950 psi	Packer	→	502	667	843	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)

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	308'	634'		Rustler	308'
TOS	635'	2689'		TOS	635'
BOS	2690'	2951'		BOS	2690'
Bell Canyon	2952'	3845'		Bell Canyon	2952'
Cherry Canyon	3846'	5103'		Cherry Canyon	3846'
Brushy Canyon	5104'	6649'		Brushy Canyon	5104'
Bone Spring	6650'	11,156'		Bone Spring	6650'
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 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
11,089'		12	Producing
10,936'		12	Producing
10,783'		12	Producing
10,630'		12	Producing
10,477'		12	Producing
10,324'		12	Producing
10,171'		12	Producing
10,018'		12	Producing
9865'		12	Producing
9712'		12	Producing

26. Perforation Record			
Perforated Interval	Size	No. Holes	Perf Status
9559'		12	Producing
9406'		12	Producing
9253'		12	Producing
9100'		12	Producing
8947'		12	Producing
8794'		12	Producing
8641'		12	Producing
8488'		12	Producing
8335'		12	Producing
8182'		12	Producing

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.	
Depth Interval	Amount and Type of Material
8236'-11,095'	Spotted 2500g 15% IC HCL double inhibitor acid
10,630'-11,089'	Spearhead 2500g 7-1/2% HCL acid ahead of frac. Frac w/30# borate XL, 3763 bbls fluid, 153,398# 20/40 Ottawa, 84,519# RCS
10,477'	Spotted 2500g 7-1/2% HCL acid
10,018'-10,477'	Spearhead 2500g 7-1/2% HCL acid ahead of frac. Frac w/30# borate XL, 4392 bbls fluid, 153,440# 20/40 Ottawa, 84,051# 20/40 RCS
9865'	Spotted 2500g 7-1/2% HCL acid
9406'-9865'	Spearhead 2500g 7-1/2% HCL acid ahead of frac. Frac w/30# borate XL, 3982 bbls fluid, 134,663# 20/40 Ottawa, 80,371# 20/40 RCS
9253'	Spotted 2500g 7-1/2% HCL acid
8794'-9253'	Spearhead 2500g 7-1/2% HCL acid ahead of frac. Frac w/30# borate XL, 4051 bbls fluid, 160,727# 20/40 Ottawa, 71,553# 20/40 RCS
8641'	Spotted 2500g 7-1/2% HCL acid
8182'-8641'	Spearhead 2500g 7-1/2% HCL acid ahead of frac. Frac w/30# borate XL, 4174 bbls fluid, 176,992# 20/40 Ottawa, 83,724# 20/40 RCS


 Regulatory Compliance Supervisor
 September 7, 2011