

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

OCD-ARTESIA

Updated
FORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. NMLC060613							
b. Type of Completion: <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr., Other: _____		6. If Indian, Allottee or Tribe Name							
2. Name of Operator BOPCO, L.P.		7. Unit or CA Agreement Name and No. NMNM68294X							
3. Address P.O. Box 2760 Midland TX 79702		8. Lease Name and Well No. Big Eddy Unit 213							
3a. Phone No. (include area code) (432)683-2277		9. API Well No. 30-015-36293							
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface UL L, 1650' FSL, 660' FWL, Sec 5, T22S, R28E Lat N 32.41915, Long W 104.116003 At top prod. interval reported below At total depth UL L, 1650' FSL, 660' FWL, Lat N 32.41915, Long W 104.116003		10. Field and Pool or Exploratory Carlsbad, E (Morrow) ✓ 11. Sec., T., R., M., on Block and Survey or Area SEC 5, T22S, R28E 12. County or Parish Eddy 13. State NM							
14. Date Spudded 01/08/2010		15. Date T.D. Reached 01/20/2010							
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		17. Elevations (DF, RKB, RT, GL)* 3136' GL							
18. Total Depth: MD 12205' TVD		19. Plug Back T.D.: MD 12115' TVD							
20. Depth Bridge Plug Set: MD TVD		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 checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)							
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) N/A									
23. Casing and Liner Record (Report all strings set in well)									
Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17-1/2"	13-3/8"	48# ***	0	429'		470 sxs		0' circ	
12-1/4"	9-5/8"	40#**	0	6049'		2050 sxs		0' circ	
8-3/4"	5-1/2"	17&20#*	0	12205'		1150 sxs Stg I		8669' circ	
						675 sxs Stg II		2550' 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)	
2-3/8"	11,708'	11,681'							
25. Producing Intervals				26. Perforation Record					
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status			
A) Morrow	11,586'	12,166'	12046'-12064'	0.38	72	TA below CIBP @ 12,034'			
B)			11916'-12009'	0.40	68	Producing			
C)			11826'-11839'	0.40	39	Producing			
D)			11730'-11743'	0.40	39	Producing			
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval		Amount and Type of Material							
11916'-12009'		Acidize w/ 3845 gals 7-1/2% HCl acid; Frac w/ 112,004 gals 30QN2 foam & 148,000# 20/40 Sinterbal bauxite							
11826'-11839'		Frac'd w/ 47,376 gals 35Q N2 YF-130 RGD containing 65,000# 20/40 carbo Prop HSP. Flush w/ 11,340 gals 35Q							
12,034'		Set CIBP @ 12,044' + 10' (40/70 sand dumped on top CIBP)							
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
01/20/10	01/22/10	24	→	0	602	2			Flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
W/O	SI 372	NR	→				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
10/06/10	10/18/10	24	→	2	1223	23	NA	0.609	Flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
13/64	SI 1300	100	→				611,500	Producing	

(See instructions and spaces for additional data on page 2)

RECEIVED
JAN 05 2011
NMOCD ARTESIA

ACCEPTED FOR RECORD
JAN 2 2011
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

CONFIDENTIAL

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. SI	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. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			➔						

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

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	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Morrow	11588'	12230'	TD	T/Rustler	50'
Atoka	10994'			T/Salt	560'
Stawn	10616'			T/Castile	2200'
Wolfcamp	9346'			T/Delaware Mtn Group	2384'
Bone Spring	5878'			T/Bone Spring	5878'
				T/Avalon	6072'
				T/ Wolfcamp	9346'
				T/Strawn	10614'
				T/Atoka	10996'
				T/Morrow	11586'
				T/Barnett	Not logged

32. Additional remarks (include plugging procedure):

*** 48# H-40, LT&C
 ** 40# HCL-80, LT&C; HCP-110, LT&C
 * 17#/20# HCP-110, LT&C/P110, LT&C

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:

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) Valerie Truax

Title Regulatory Clerk

Signature 

Date 12/20/2010

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.