

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

GCD-ARTESIA

CONFIDENTIAL

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  
BOPCO, L.P.3. Address  
P.O. Box 2760 Midland TX 797023a. Phone No. (include area code)  
(432)683-2277

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

At surface UL A, 270' FNL, 710' FEL, Lat N 32.340006, Long W 103.810761

At top prod. interval reported below

At total depth UL I, 1611' FSL, 610' FEL

14. Date Spudded 11/07/2010 15. Date T.D. Reached 12/01/2010

16. Date Completed 01/19/2011  
☐ D & A ☒ Ready to Prod.

5. Lease Serial No.

NM02887A

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.

James Ranch Unit 114H

9. API Well No.

30-015-37925

10. Field and Pool or Exploratory

Quahada Ridge SE (Delaware)

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

Sec 6, T23S, R31E

12. County or Parish

Eddy

13. State

NM

17. Elevations (DF, RKB, RT, GL)\*  
3325.90' GL18. Total Depth: MD 10,842'  
TVD 7725'19. Plug Back T.D.: MD  
TVD20. Depth Bridge Plug Set: MD  
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
GR/Neutron CCL22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit report)  
Directional Survey? ☐ No ☒ Yes (Submit copy)

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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17-1/2"	13-3/8" *	48#	0	690' TVD		640 Class C		0' Circ	
12-1/4"	9-5/8" ***	36#	0	4003' TVD		1725 Class C		0' Circ	
8-3/4"	7" ***	26#	0	8240'	4986'	500 Class C S I		4986' DV	
				10,842'		650 Class C St II		0' Circ	
6-1/8" *	4-1/2"	11.6#	8,011'	10,792'					

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"	6,814'	NA						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Delaware	3977'	7725' TVD	8,292'-10,785'	pre perf		Producing
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
8,292'-10,785'	Frac'd w/ 41,788 gals 25# linear, 751,207 YF125ST w/ 1,698,958# 16/30 Ottawa. Flushed w/ 44,815 gals 25# linear.

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
01/19/11	01/27/11	24	→	489	399	1962	37.5	.878	Pumping
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
W/O	310	180	→				815.95	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. SI	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)

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ACCEPTED FOR RECORD

MAR 8 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. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

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## 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.)

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	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Bell Canyon	4,005'	4,918'	Sandstone	T/Rustler	310'
Cherry Canyon	4,918'	6,235'	Sandstone	T/Salt	706'
Brushy Canyon	6,235'	not reached	Sandstone	T/Delaware Sand	3977'

## 32. Additional remarks (include plugging procedure):

\* 13-3/8", 48#, H-40, ST&amp;C

\*\* 9-5/8", 36#, J-55, LTC

\*\*\* 7", 26#, N-80, BT&amp;C

\* 6-1/8", 11.6#, HCP-110, LTC

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Carlsbad Field Office  
Carlsbad, N.M.

## 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 02/09/2011

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.

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