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UNITED STATES

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTOperator Copy
I & E Operator Copy

SEP 17 2009

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

MAR 27 2013

FORM APPROVED
ON 01/09/07
NMOC-ARTESIA

BOPCO WTD PRODUCTION

- 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 79702

3a. Phone No. (Include area code)

(432)683-2277

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

At Surface UL F, 2428' FNL, 1340' FWL, Lat N. 32.349161, Long W 103.838597

At top prod. interval reported below

At total depth UL E, 1947' FNL, 783' FWL

CONFIDENTIAL

14. Date Spudded

06/14/2009

15. Date T.D. Reached

07/12/2009

16. Date Completed

☐ D & A ☒ Ready to Prod.
08/12/20095. Lease Serial No.
NM 029528-1

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

NMM 70965X

8. Lease Name and Well No.

James Ranch Unit 105H

9. API Well No.

30-015-37064

10. Field and Pool, or Exploratory

Quahada Ridge SE (Delaware)

11. Sec., T., R., M., on Block and

Survey or Area SEC 36, T22S, R30E

12. County or Parish

Eddy

13. State

NM

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

3311.1' GL

18. Total Depth: MD 13017'
TVD 7209'19. Plug Back T.D.: MD 13012'
TVD20. Depth Bridge Plug Set: MD
TVD21. Type of Electric & Other Mechanical Logs Run (Submit copy of each)
Platform Express Array Induction/MCFL Final Composite
Platform Express Density/Neutron Final Composite22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17-1/2"	13-3/8"	48#	0	602'		575 sxs		0' circ	
12-1/4"	9-5/8"	40#	0	3825.5'		1500 sxs		0' circ	
8-3/4"	7"	26#	0	7669'		460 sxs Stg I		0' circ	
						575 sxs Stg II		179' TOC	
6-1/8"	4-1/2"	11.6#	0	13,017'		n/a		n/a	

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"	6636'							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Delaware	3800'	7309' TVD	7730-4, 8125-9, 8602-4	0.380	24, 24, 24	Producing
B)			8904, 9276, 9690, 10064	0.380	6, 6, 6, 6	Producing
C)			10381, 759, 11136, 468	0.380	6, 6, 6, 6	Producing
D)			11843, 12266, 596, 964	0.380	6, 6, 6, 6	Producing

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

Depth Interval	Amount and Type of Material
12964'	Frac'd w/ 2856 gals 25# linear, 1050 gals 15% HCl, 36,890 gals 25# XL Borate w/ 61,793# Ottawa sand
12596'	Frac'd w/ 2730 gals 25# linear, 714 gals 15% HCl, 37,305 gals 25# XL Borate w/ 101,784# Ottawa sand
12266'	Frac'd w/ 5544 gals 25# linear, 1134 gals 15% HCl, 38,209 gals 25# XL Borate w/ 103,166# Ottawa sand
11843'	Frac'd w/ 6048 gals 25# linear, 1680 gals 15% HCl, 37,797 gals 25# XL Borate w/ 102,035# Ottawa (see

28. Production - Interval A

2nd pg for remaining details) All depths are MD unless otherwise stated

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
08/12/09	08/24/09	24	→	688	484	1428			
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
WO	435	350	→					Producing	

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. SI	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

SEP 14 2009

/s/ Chris Walls
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

Jm

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 (Sold, used for fuel, vented, etc.)

SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones or 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	3827'			T/Rustler	262'
Cherry Canyon	4720'			T/Salt	582'
Brushy Canyon	6033'		Base of Brushy Canyon not reached	T/Lamar	3800'
				T/Bell Canyon	3828'
				T/Cherry Canyon	4732'
				T/Lower Cherry Canyon	5946'
				T/Brushy Canyon	6032'

32. Additional remarks (include plugging procedure):

11468' Frac'd w/ 4740 gals 25# linear, 2226 gals 15% HCl, 37,533 gals 25# XL Borate w/ 102,331# Ottawa
 11136' Frac'd w/ 10668 gals 25# linear, 504 gals 15% HCl, 37,560 gals 25# XL Borate w/ 100,785# Ottawa
 10759' Frac'd w/ 5754 gals 25# linear, 672 gals 15% HCl, 37952 gals 25# XL Borate w/ 104,184# Ottawa
 10381' Frac'd w/ 5628 gals 25# linear, 1260 gals 15% HCl, 37887 gals XL Borate w/ 102,844# Ottawa
 10064' Frac'd w/ 7434 gals 25# linear, 714 gals 15% HCl, 37,428 gals 25# XL Borate w/ 100,947# Ottawa
 9690' Frac'd w/ 4620 gals 25# linear, 630 gals 15% HCl, 39,140 gals 25# XL Borate w/ 103,914# Ottawa
 9276' Frac'd w/ 5040 gals 25# linear, 882 gals 15% HCl, 41,253 gals 25# XL Borate w/ 101,060# Ottawa (cont'd below)

33. Indicate which items have been attached by placing a check in the appropriate boxes:

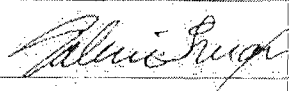
- ☒ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geological Report
 ☐ DST Report
 ☐ Directional Survey
☐ Sundry Notice for plugging and cement verification
☐ Core Analysis
☐ Other

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 Admin Assistant

Signature



Date

09/02/2009

Title 18 U.S.C. Section 101 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 and false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

8904' Frac'd w/ 3654 gals 25# linear, 588 gals 15% HCl, 39,167 gals 25# Borate w/ 109,810 Ottawa
 8602-04' Frac'd w/ 2646 gals 25# linear, 756 gals 15% HCl, 43,028 gals 25# Borate w/ 135,041 Ottawa
 8125-29' Frac'd w/ 3486 gals 25# linear, 714 gals 15% HCl, 42,989 gals 25# Borate w/ 133,160 Ottawa
 7730-34' Frac'd w/ 1932 gals 25# linear, 2478 gals 15% HCl, 44,053 gals 25# Borate w/ 139,757 Ottawa