

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

FORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other **OPERATOR'S COPY**
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 J, 2375' FSL, 1780' FEL
At top prod. interval reported below Same
At total depth UL L, 1977' FSL, 351' FWL, Sec 2, T23S, R30E

5. Lease Serial No.
NM0543280A

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and no.
MA 124952

8. Lease Name and Well No.
Hudson 1 Federal 9H

9. API Well No.
30-015-37310

10. Field and Pool, or Exploratory
Quahada Ridge (Delaware)

11. Sec., T., R., M., on Block and Survey or Area
Sec 1, T23S, R30E

12. County or Parish
Eddy

13. State
NM

14. Date Spudded
02/07/2010

15. Date T.D. Reached
03/10/2010

16. Date Completed
☐ D & A ☒ Ready to Prod.
09/09/2010

17. Elevations (DF, RKB, RT, GL)*
3271' GL

18. Total Depth: MD 15,675'
TVD 7349'

19. Plug Back T.D.: MD
TVD

20. Depth Bridge Plug Set: MD
TVD

21. Type of Electric & Other Mechanical Logs Run (Submit copy of each)
Borehole Profile Log, GR/CCL Compensated Neutron Log

22. 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"	54.50# *	0	572' TVD		575 sxs		0' Circ	
12-1/4"	9-5/8"	40# **	0	3915' TVD		1345 sxs		0' Circ	
8-3/4"	7"	26# ***	0	7870'	5006.9"	450 sxs Stg I		5006.9' DV	
						600 sxs Stg II		0' Circ	
6-1/8"	4-1/2"	11.6# *	7722'	15,635'					

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"	6,823'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Delaware	3882'	7,299' TVD	8001'-14,291'	pre perf		Producing
B)			15,281'-15,627'	pre perf		Producing
C)						
D)						

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

Depth Interval	Amount and Type of Material
8,001'-15,281'	Frac'd w/ 12,486 gals WF25, 114,473 gals 25# linear, 1,543,053 gals YF125ST w/ 5,301,941# 16/30 Ottawa 24 stages (#3 & #4 bypassed)

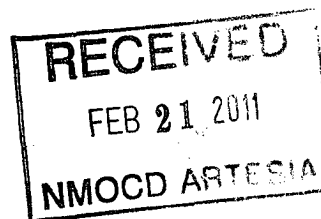
28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
09/09/10	09/20/1024	→	230	191	1507	39	82.802	82.802	Gas lift
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
W/O	1120230	→	→				830.43	Gas lift	

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)



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 (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
					Mens. Depth
Bell Canyon	3926'	4790'	Sandstone	T/Rustler	187'
Cherry Canyon	4,790'	6,052'	Sandstone	T/Salt	544'
Brushy Canyon	6,052'	not reached	Sandstone	B/Salt	3622'
				T/Lamar	3882'
				T/Bell Canyon	3926'
				T/Cherry Canyon	4,790'
				T/Lower Cherry Canyon	6,023'
				T/Brushy Canyon	6,052'

32. Additional remarks (include plugging procedure):

* 54.50# J-55 STC
 ** 40# J55 LTC
 *** 26# P110 LTC
 *11.6# HCP-110 LTC

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

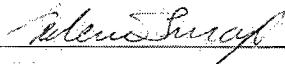
☒ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geological Report ☐ DST Report ☒ Directional Survey
☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☐ Other

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 Clerk

Signature



Date 09/23/2010

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.

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87500

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

☐ AMENDED REPORT

APF Number 30-015-37310		Pool Code 50470	Pool Name Quahada Ridge (Delaware)
Property Code 306408	Property Name HUDSON "1" FEDERAL		Well Number 9H
CGRID No. 260737	Operator Name BOPCO, L.P.		Elevation 3271'

Surface Location

UL or lot No.	Section	Township	Range	Lot ldn	Feet from the	North/South line	Feet from the	East/West line	County
J	1	23 S	30 E		2375	SOUTH	1780	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	2	23 S	30 E		1977	SOUTH	351	WEST	EDDY
Dedicated Acres		Joint or Infill	Consolidation Code		Order No.				
280		N							

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

"Survey certification for
Surface location only"

HOLE LOCATION
Lat - N 32°19'56.21"
Long - W 103°51'33.21"
HMSPEC - N 484939.376
E 587773.698
(HAD-83)

CANYON ENTRY POINT
Lat - N 37°19'59.73
Long - W 103°49'57.23
NMSPCE- N 485333.03
E 696006.87
(NA0-83)

ENTRY POINT
 Lat - N 32°19'59.89
 Long - W 103°49'52.98
 NWSPCE- N 485350.5
 E 696371.3
 (NAD-83)

Lat - N 37°19'59.89"
Long - W 103°49'52.98"
NAD83 - N 485350.5
E 696371.3
(NAD-83)

OPERATOR CERTIFICATION

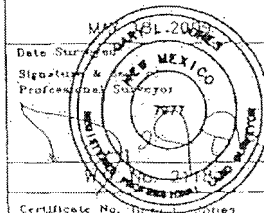
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or undivided mineral interest in the land including the proposed bottom hole location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the Division.

John S. 1-11-10
Signature Date

Jordan R. Evans
Printed Name

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief.



Certificate No. 7977

BIRTH SURVEYS