

NM OIL CONSERVATION
ARTESIA DISTRICT

OCT 18 2015

CONFIDENTIAL

NM OIL CONSERVATION

ARTESIA DISTRICT

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Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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		5. Lease Serial No. NMNM02862	
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. Other		6. If Indian, Allottee or Tribe Name	
2. Name of Operator BOPCO LP		7. Unit or CA Agreement Name and No. NMNM71016X	
Contact: TRACIE J CHERRY E-Mail: tjcherry@basspet.com		8. Lease Name and Well No. POKER LAKE UNIT CVX JV PC 020H	
3. Address P O BOX 2760 MIDLAND, TX 79702		9. API Well No. 30-015-42668	
3a. Phone No. (include area code) Ph: 432-683-2277		10. Field and Pool, or Exploratory PIERCE CANYON/BONE SPR, E	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Sec 21 T21S R30E Mer NMP NWNE 65FNL 2454FWL At top prod interval reported below Sec 21 T21S R30E Mer NMP NENW 617FNL 2454FWL At total depth Sec 20 T24S R30E Mer NMP NWNE 682FNL 2303FEL		11. Sec., T., R., M., or Block and Survey or Area Sec 21 T21S R30E Mer NMP	
14. Date Spudded 12/15/2015		15. Date T.D. Reached 02/17/2015	
16. Date Completed ☐ D & A ☒ Ready to Prod. 09/24/2015		17. Elevations (DF, KB, RT, GL)* 3351 GL	
18. Total Depth: MD 16051 TVD 10783		19. Plug Back T.D.: MD TVD	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CNLGR, RCBUL/CCLGR	
22. Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run? ☒ No ☐ Yes (Submit analysis) Directional Survey? ☐ No ☒ Yes (Submit analysis)			

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
17.500	13.375 J55	54.6		1176		1095	336	0	
12.250	9.625 J55	40.0		3813		1500	487	0	
8.750	7.000 P110	26.0		10351	5827	845	317	3930	
6.125	4.500 P110	11.6	10125	16043		550	120	10125	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.275	10200	10200						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
ARND BONE SPRING SAND	9242	16051	11292 TO 15985	0.420	632	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
11292 TO 15985	FRAC USING 82459 BBLs FLUID, 7377672# PROPANT ACROSS 17 STAGES

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
10/06/2015	10/11/2015	24	→	431.0	525.0	1065.0			GAS LIFT
Choke Size	Thg. Press. Flwg. SI	Cvg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→				1218	POW	

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	Thg. Press. Flwg. SI	Cvg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #319444 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

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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	Thg. Press. Flowg. SI	Chg. 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	Thg. Press. Flowg. SI	Chg. 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 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	3860	4704	SANDSTONE	RUSTLER	810
CHERRY CANYON	4704	6015	SANDSTONE	SALADO/T. SALT	1224
BRUSHY CANYON	6015	7657	SANDSTONE	B. SALT	3618
BONE SPRING	7657		SANDSTONE/LIMESTONE	BELL CANYON	3860
*BTM NOT REACHED				CHERRY CANYON	4704
				BRUSHY CANYON	6015
				BONE SPRING	7657
				2ND BONE SPRING SAND	9242

32. Additional remarks (include plugging procedure):
*****CONFIDENTIAL COMPLETION*****
33. Circle enclosed attachments:

- | | | | |
|--|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notices for plugging and cement verification | 6. Core Analysis | 7. Other: | |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #319444 Verified by the BLM Well Information System.
For BOPCO LP, sent to the Carlsbad

Name (please print) TRACIE J CHERRY

Title REGULATORY ANALYST

Signature _____ (Electronic Submission)

Date 10/12/2016

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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