

NM OIL CONSERVATION

ARTESIA DISTRICT

Form 3160-4
(August 2007)

FEB 22 2017

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NMOCD

Artesia

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM04557

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
891000326X

2. Name of Operator
BOPCO LP

Contact: TRACIE J CHERRY
E-Mail: tjcherry@basspet.com

8. Lease Name and Well No.
BIG EDDY UNIT D14 271H

3. Address P O BOX 2760
MIDLAND, TX 79702

3a. Phone No. (include area code)
Ph: 432-683-2277

9. API Well No.
30-015-42652-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface Sec 5 T20S R31E Mer NMP
Lot 2 358FNL 2078FEL 32.362722 N Lat, 103.532108 W Lon
At top prod interval reported below Sec 4 T20S R31E Mer NMP
At total depth SENE 1960FNL 764FEL
Sec 4 T20S R31E Mer NMP
At total depth SENE 2002FNL 416FEL

10. Field and Pool, or Exploratory
GATUNA CANYON-BONE SPRING

11. Sec., T., R., M., or Block and Survey
or Area Sec 5 T20S R31E Mer NMP

12. County or Parish
EDDY

13. State
NM

14. Date Spudded
10/29/2014

15. Date T.D. Reached
01/07/2015

16. Date Completed
☐ D & A ☒ Ready to Prod.
11/10/2016

17. Elevations (DF, KB, RT, GL)*
3470 GL

18. Total Depth: MD 16475
TVD 9142

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)
3470 GL

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
18.125	16.000 J-55	84.0	0	769		400	117	0	
14.750	13.375 N-80	68.0	0	2726		470	160	589	
12.250	9.625 N-80	40.0	0	3651	2504	1335	466	0	
8.750	7.000 HCP-110	26.0	0	4261	3330	870	279	0	
6.125	4.500 HCP-110	11.6	0	16475	4973	1380	386	0	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	7980	7980						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING 2ND	10867	16419	10867 TO 16419	0.420	352	OPEN - Bone Spring
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
10867 TO 16419	FRAC DOWN CSG USING TOTAL 105,243 BBLs FLUID 7,186,953# PROPANT ACROSS 19 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
11/10/2016	11/17/2016	24	→	299.0	278.0	1075.0			OTHER
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→	299	278	1075	930	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	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

ACCEPTED FOR RECORD

TRIG. SGD. DAVID R. GLASS

FEB 13 2017

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

ELECTRONIC SUBMISSION #358433 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

RECLAMATION DUE:

MAY 10 2017

DAVID R. GLASS
PETROLEUM ENGINEER

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 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
RUSTLER	621	871	ANHYDRITE	RUSTLER	621
SALADO	871	2876	SALT	TOP SALT	871
DELAWARE	4060	4132	SANDSTONE,SILTSTONE,SHALES	BELL CANYON	4132
BELL CANYON	4132	5036	SANDSTONE,SILTSTONE,SHALES	CHERRY CANYON	5036
CHERRY CANYON	5036	5456	SANDSTONE,SILTSTONE,SHALES	BRUSHY CANYON	5456
BRUSHY CANYON	5456	7201	SANDSTONE,SILTSTONE,SHALES	BONE SPRING LIME	7201
BONE SPRING 1ST	8134	8963	SANDSTONE,SILTSTONE,SHALES	BONE SPRING 2ND	8963
BONE SPRING 2ND	10867	16419	SANDSTONE,SILTSTONE,SHALES		

32. Additional remarks (include plugging procedure):

PLEASE HOLD COMPLETION CONFIDENTIAL

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice 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 #358433 Verified by the BLM Well Information System.

For BOPCO LP, sent to the Carlsbad

Committed to AFMSS for processing by DEBORAH HAM on 01/30/2017 (17DMH0061SE)

Name (please print) TRACIE J CHERRY

Title REGULATORY ANALYST

Signature _____ (Electronic Submission)

Date 11/18/2016

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.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****