

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

**NMOCD**  
**Artesia**

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**

5. Lease Serial No.  
NMLC064827A

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			6. If Indian, Allottee or Tribe Name		
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____			7. Unit or CA Agreement Name and No. 891000558X		
2. Name of Operator BOPCO LP			8. Lease Name and Well No. JAMES RANCH UNIT DI 1 162H		
3. Address P O BOX 2760 MIDLAND, TX 79702			9. API Well No. 30-015-42615-00-S1		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 21 T22S R30E Mer NMP At surface SWNE 1433FNL 1432FEL 32.225136 N Lat, 103.525455 W Lon Sec 21 T22S R30E Mer NMP At top prod interval reported below SWNE 1428FNL 1440FEL Sec 23 T22S R30E Mer NMP At total depth NENW 655FNL 2309FWL			10. Field and Pool, or Exploratory WCG07S223021G-BONE SPRING		
14. Date Spudded 11/01/2014			15. Date T.D. Reached 11/30/2014		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 11/07/2016			17. Elevations (DF, KB, RT, GL)* 3165 GL		
18. Total Depth: MD 18133 TVD 9356			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) CNL GR CCL RCBL GR		
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> 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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J-55	54.5	0	575		700	217	0	
12.250	9.625 N-80	40.0	0	3506		1500	471	0	
8.500	5.500 HCP-110	20.0	0	18121	5006	4165	1150	1218	

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	8075	8075						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING 2ND	9771	18103	9771 TO 18103	0.420	1124	OPEN - Bone Spring
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
9771 TO 18103	FRAC DOWN CSG USING TOTAL 204,414 BBLs FLUID, 13,324,092# PROPANT ACROSS 30 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
11/07/2016	11/16/2016	24	→	402.0	545.0	844.0			FLOWs FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
				402	545	844	1356	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	

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

ELECTRONIC SUBMISSION #358454 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* DAVID R. GLASS

**RECLAMATION DUE:**  
**MAY 07 2017**

**PETROLEUM ENGINEER**

**ACCEPTED FOR RECORD**  
**DAVID R. GLASS**  
**FEB 13 2017**

## 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
BELL CANYON	3568	4451	SANDSTONE	RUSTLER	187
CHERRY CANYON	4451	5772	SANDSTONE	TOP SALT	527
BRUSHY CANYON	5772	7367	SANDSTONE	BASE OF SALT	3290
BONE SPRING 1ST	7367	8991	SANDSTONE,LIMESTONE,SHALE	LAMAR	3544
BONE SPRING 2ND	9771	18103	SANDSTONE,LIMESTONE,SHALE	BELL CANYON	3568
				CHERRY CANYON	4451
				BRUSHY CANYON	5772
				BONE SPRING	7367

## 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 #358454 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 (17DMH0062SE)**

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 \*\***