

**NM OIL CONSERVATION**  
 UNITED STATES DEPARTMENT OF THE INTERIOR  
 BUREAU OF LAND MANAGEMENT  
 ARTESIA DISTRICT  
 OCD Artesia  
**JAN 31 2018**

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No.  
 NMLC065914A

**RECEIVED**

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 LP** Contact: **TRACIE J CHERRY**  
 E-Mail: **tracie\_cherry@xtoenergy.com**

3. Address: **6401 HOLIDAY HILL RD BLDG 5 SUITE 200 MIDLAND, TX 79707** 3a. Phone No. (include area code) **Ph: 432.683.2277**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface: **Sec 27 T20S R31E Mer NMP SWNE 2000FNL 1873FEL 32.324529 N Lat, 103.511447 W Lon**  
 At top prod interval reported below: **Sec 27 T20S R31E Mer NMP SENE 1983FNL 1044FEL**  
 At total depth: **Sec 25 T20S R31E Mer NMP SENE 1968FNL 161FEL**

6. If Indian, Allottee or Tribe Name \_\_\_\_\_  
 7. Unit or CA Agreement Name and No. **891000326X**  
 8. Lease Name and Well No. **BIG EDDY UNIT DI 5 24H**  
 9. API Well No. **30-015-43444-00-S1**  
 10. Field and Pool, or Exploratory **WC WILLIAMS SINK-BONE SPRING UNKNOWN**  
 11. Sec., T., R., M., or Block and Survey or Area **Sec 27 T20S R31E Mer NMP**  
 12. County or Parish **EDDY** 13. State **NM**  
 14. Date Spudded **05/23/2017** 15. Date T.D. Reached **07/17/2017** 16. Date Completed  D & A  Ready to Prod. **09/17/2017**  
 17. Elevations (DF, KB, RT, GL)\* **3524 GL**  
 18. Total Depth: MD **21406** TVD **9599** 19. Plug Back T.D.: MD **MD** TVD **TVD** 20. Depth Bridge Plug Set: MD **MD** TVD **TVD**  
 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) **CNL SONIC HRLA CBL** 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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	16.000 J55	84.0		859		445	124	0	
14.750	13.375 P110	68.0		2810		615	192	0	
12.750	9.625 J55	40.0		3502	2930	800	241	0	
8.500	5.500 P-110	17.0		21406		3065		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	8826							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING 2ND	9206	21406	9879 TO 21281		2736	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
9879 TO 21281	FRAC INTERVAL USING 27627002# PROPANT, 72472 GAL ACID, 27181686 GAL SLICK WTR ACROSS 58 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
10/11/2017	10/17/2017	24	→	826.0	878.0	5018.0			ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI			→	826	878	5018	1063	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**

BUREAU OF LAND MANAGEMENT  
 CARLSBAD FIELD OFFICE

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

ELECTRONIC SUBMISSION #393419 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\*

*Reclamation due 03/17/2018*

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	3932	4684	SANDSTONE, SHALE, LIMESTONE	RUSTLER	665
CHERRY CANYON	4684	5887	SANDSTONE, SHALE, LIMESTONE	SALADO	941
BRUSHY CANYON	5887	7510	SANDSTONE, SHALE, LIMESTONE	BELL CANYON	3932
BONE SPRING	7510	8738	LIMESTONE, SHALE, SANDSTONE	CHERRY CANYON	4684
BONE SPRING 1ST	8738	9206	SANDSTONE, LIMESTONE, SHALE	BRUSHY CANYON	5887
BONE SPRING 2ND	9206		SANDSTONE, LIMESTONE, SHALE	BONE SPRING	7510

32. Additional remarks (include plugging procedure):

Pilot hole drilled to 9812' MD. Set KO plug to 8590' w/535 sx cmt.

Well flowing when completion sundry filed. Converted to pump prior to testing.

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 #393419 Verified by the BLM Well Information System.  
For BOPCO LP, sent to the Carlsbad  
Committed to AFMSS for processing by DUNCAN WHITLOCK on 11/03/2017 (18DW0021SE)**

Name (please print) TRACIE J CHERRY Title REGULATORY ANALYST

Signature \_\_\_\_\_ (Electronic Submission) Date 10/30/2017

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.

**Revisions to Operator-Submitted EC Data for Well Completion #393419**

	<b>Operator Submitted</b>	<b>BLM Revised (AFMSS)</b>
Lease:	NMLC065914A	NMLC065914A
Agreement:	NMNM68294X	891000326X (NMNM68294X)
Operator:	BOPCO LP 6401 HOLIDAY HILL RD BLDG 5 SUITE 200 MIDLAND, TX 79701 Ph: 432-683-2277	BOPCO LP 6401 HOLIDAY HILL RD BLDG 5 SUITE 200 MIDLAND, TX 79707 Ph: 432.683.2277
Admin Contact:	TRACIE J CHERRY REGULATORY ANALYST E-Mail: tracie_cherry@xtoenergy.com  Ph: 432-221-7379	TRACIE J CHERRY REGULATORY ANALYST E-Mail: tracie_cherry@xtoenergy.com Cell: 432.221.7379 Ph: 432.683.2277
Tech Contact:	TRACIE J CHERRY REGULATORY ANALYST E-Mail: tracie_cherry@xtoenergy.com  Ph: 432-221-7379	TRACIE J CHERRY REGULATORY ANALYST E-Mail: tracie_cherry@xtoenergy.com Cell: 432.221.7379 Ph: 432.683.2277
Well Name: Number:	BIG EDDY UNIT DI5 024H	BIG EDDY UNIT DI 5 24H
Location: State: County: S/T/R: Surf Loc:	NM EDDY Sec 27 T20S R31E Mer NMP SWNE 2000FNL 1873FEL	NM EDDY Sec 27 T20S R31E Mer NMP SWNE 2000FNL 1873FEL 32.324529 N Lat, 103.511447 W Lon
Field/Pool:	WC G-06 S203127G;B.S.	WC WILLIAMS SINK-BONE SPRING
Logs Run:	CNL, SONIC, HRLA, CBL	CNL SONIC HRLA CBL
Producing Intervals - Formations:	2ND BONE SPRING	BONE SPRING 2ND
Porous Zones:	BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING 1ST BONE SPRING 2ND BONE SPRING	BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING BONE SPRING 1ST BONE SPRING 2ND
Markers:	RUSTLER SALADO BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING	RUSTLER SALADO BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING