

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address BOPCO, L.P. P O Box 2760 Midland, TX 79707		² OGRID Number 260737
		³ Reason for Filing Code/ Effective Date NW
⁴ API Number 30 - 015-41074	⁵ Pool Name SWD; Devonian	
⁶ Pool Code 96101		
⁷ Property Code 39710	⁸ Property Name James Ranch Unit 21 Federal SWD	⁹ Well Number 001

II. ¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County		
G	21	22S	30E		1451	1508	North	1861	1926	East	Eddy

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Lse Code F	¹³ Producing Method Code	¹⁴ Gas Connection Date / /2014	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

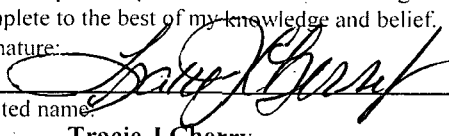
¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
		2837/28
	Non-well POS for reporting sale of skim oil	
	NM OIL CONSERVATION ARTESIA DISTRICT JUL 22 2014	
	RECEIVED	

IV. Well Completion Data

²¹ Spud Date 01/06/2014	²² Ready Date 04/10/2014	²³ TD 16525	²⁴ PBDT	²⁵ Perforations 15252-16525 (OH)	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
18.125	16 J55	540	596		
14.25	13.375 HCN80	3535	2678		
12.25	9.625 HCP110	11216/DV @5531	3035		
8.5	7 HCP110	10673-15252	475		

V. Well Test Data 4.5 L80 15j/PRD 15200

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas		⁴¹ Test Method

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: 		OIL CONSERVATION DIVISION	
Printed name: Tracie J Cherry		Approved by: 	
Title: Sr. Regulatory Analyst		Title: Dr. T. J. Sperry	
E-mail Address: tjcherry@basspet.com		Approval Date: 7-29-14	
Date: 07/21/2014	Phone: (432)683-2277		

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: INJ			5. Lease Serial No. NMNM06808		
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. 891000558X		
Contact: TRACIE CHERRY E-Mail: tjcherry@basspet.com			8. Lease Name and Well No. JAMES RANCH 21 UNIT SWD 1		
3. Address P O BOX 2760 MIDLAND, TX 79702			9. API Well No. 30-015-41074-00-S1		
3a. Phone No. (include area code) Ph: 432-221-7379			10. Field and Pool, or Exploratory SALT WATER DISPOSAL (SWD)		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SENE 1508FNL 1926FEL At top prod interval reported below SENE 1508FNL 1926FEL At total depth SENE 1508FNL 1926FEL			11. Sec., T., R., M., or Block and Survey or Area Sec 21 T22S R30E Mer NMP		
14. Date Spudded 10/06/2014			15. Date T.D. Reached 04/10/2014		
16. Date Completed ☐ D & A ☒ Ready to Prod. 04/17/2014			17. Elevations (DF, KB, RT, GL)* 3165 GL		
18. Total Depth: MD TVD 16525		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 HRLA GR HRLA MICRO-CFL HGNS CAL ECS HNGR			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	540		596		0	
14.250	13.375 HCN-80	68.0	0	3535		2678		0	
12.250	9.625 HCP-110	53.5	0	11216	5531	3035		0	
8.500	7.000 P-110	32.0	10673	15252		475		10673	
6.000			15252	16525					

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
4.500	15217	15200						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) DEVONIAN	15258	15816	15252 TO 16525			OPEN HOLE
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
15252 TO 16525	ACIDIZE W/40000 GAL 20% HCL, 10500# ROCK SALT ACROSS 8 STAGES

NM OIL CONSERVATION
ARTESIA DISTRICT

JUL 29 2014

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
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

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 #253845 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

RECEIVED

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. 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	Thg. 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.)
UNKNOWN

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	3571	4435	SANDSTONE	RUSTLER	194
CHERRY CANYON	4425	5770	SANDSTONE	BASE OF SALT	3260
BRUSHY CANYON	5770	8388	SANDSTONE	DEVONIAN	15258
WOLFCAMP	10697	12244	SANDSTONE, LIMESTONE	FUSSELMAN	15846
ATOKA	12587	13241	LIMESTONE, SANDSTONE		
MORROW	13241	14668	SANDSTONE		
DEVONIAN	15258	15816	DOLOMITE, LIMESTONE		

32. Additional remarks (include plugging procedure):

16" csg TOC 100' by temp survey. Volume includes 136 sx (32 bbls) for top out

14.75" csg TOC 488' by temp survey. Volume includes 146 sx (35 bbls) for top out

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 #253845 Verified by the BLM Well Information System.

For BOPCO LP, sent to the Carlsbad

Committed to AFMSS for processing by DUNCAN WHITLOCK on 07/22/2014 (14DW0201SE)

Name (please print) TRACIE CHERRY

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 07/21/2014

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 ** REVISED ****

Revisions to Operator-Submitted EC Data for Well Completion #253845

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMNM06808	NMNM06808
Agreement:	NMNM70965X	891000558X (NMNM70965X)
Operator:	BOPCO LP P O BOX 2760 MIDLAND, TX 79702 Ph: 432-683-2277	BOPCO LP P O BOX 2760 MIDLAND, TX 79702 Ph: 432.683.2277
Admin Contact:	TRACIE CHERRY REGULATORY ANALYST E-Mail: tjcherry@basspet.com Ph: 432-221-7379	TRACIE CHERRY REGULATORY ANALYST E-Mail: tjcherry@basspet.com Ph: 432-221-7379
Tech Contact:	TRACIE CHERRY REGULATORY ANALYST E-Mail: tjcherry@basspet.com Ph: 432-221-7379	TRACIE CHERRY REGULATORY ANALYST E-Mail: tjcherry@basspet.com Ph: 432-221-7379
Well Name:	JAMES RANCH UNIT 21 SWD	JAMES RANCH 21 UNIT SWD
Number:	001	1
Location:		
State:	NM	NM
County:	EDDY	EDDY
S/T/R:	Sec 21 T22S R30E Mer NMP	Sec 21 T22S R30E Mer NMP
Surf Loc:	SENE 1508FNL 1926FEL	SENE 1508FNL 1926FEL
Field/Pool:	SWD; DEVONIAN	SALT WATER DISPOSAL (SWD)
Logs Run:	CNL, HRLA/GR, HRLA/MICRO-CFL/HGNS, CAL, ECS, BNGR	HRLA GR HRLA MICRO-CFL HGNS CAL ECS HNGR
Producing Intervals - Formations:	DEVONIAN	DEVONIAN
Porous Zones:	BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING (1,2 & 3) WOLFCAMP ATOKA MORROW DEVONIAN	BELL CANYON CHERRY CANYON BRUSHY CANYON WOLFCAMP ATOKA MORROW DEVONIAN
Markers:	RUSTLER SALADO/T. SALT B. SALT DEVONIAN FUSSELMAN MONTROYA DEVONIAN	RUSTLER BASE OF SALT DEVONIAN FUSSELMAN