

NM OIL CONSERVATION

UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
Carlsbad Field Office  
ARTESIA DISTRICT  
FEB 15 2018

FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018

**SUNDRY NOTICES AND REPORTS WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

5. Lease Serial No.  
NMNM0307337

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.  
891000558X

8. Well Name and No.  
JAMES RANCH UNIT D12 194H

9. API Well No.  
30-015-43369-00-X1

10. Field and Pool or Exploratory Area  
LOS MEDANOS

11. County or Parish, State  
EDDY COUNTY, NM

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
BOPCO LP  
Contact: STEPHANIE RABADUE  
E-Mail: stephanie\_rabadue@xtoenergy.com

3a. Address  
6401 HOLIDAY HILL RD BLDG 5 SUITE 200  
MIDLAND, TX 79707

3b. Phone No. (include area code)  
Ph: 432-620-6714

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 25 T22S R30E NESW 2420FSL 1980FWL  
32.214453 N Lat, 103.500974 W Lon

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize <input type="checkbox"/> Deepen <input type="checkbox"/> Production (Start/Resume) <input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing <input type="checkbox"/> Hydraulic Fracturing <input type="checkbox"/> Reclamation <input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair <input type="checkbox"/> New Construction <input type="checkbox"/> Recomplete <input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans <input checked="" type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection <input type="checkbox"/> Plug Back <input type="checkbox"/> Water Disposal

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

BOPCO, L.P. respectfully submits the following plug & abandon procedure in conjuncture with a drill and abandon. Plug and abandonment is requested due to significant losses at a shallower depth BOPCO has not been able to recover from once beginning the lateral.

- Spot 110sks of Class H from 10829-10560. WOC and Tag
- Spot 110 sks of Class H from 7750-7550. WOC and Tag
- Spot 60 sks of Class C from 387573725. WOC and Tag
- Spot 60 sks of Class C from 724-624. WOC and Tag
- Spot 180 sks of Class C from 420 to surface.
- Cut off WH. Install dry hole marker.

**SEE ATTACHED FOR  
CONDITIONS OF APPROVAL**

*SC 2-15-18*  
Accepted for record - NMOCD

14. I hereby certify that the foregoing is true and correct.  
Electronic Submission #403479 verified by the BLM Well Information System  
For BOPCO LP, sent to the Carlsbad  
Committed to AFMSS for processing by PRISCILLA PEREZ on 02/06/2018 (18PP1067SE)

Name (Printed/Typed) STEPHANIE RABADUE Title REGULATORY ANALYST

Signature (Electronic Submission) Date 02/06/2018

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By ZOTA STEVENS Title PETROLEUM ENGINEER Date 02/07/2018

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office Carlsbad

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.

(Instructions on page 2)

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

# James Ranch Unit DI 1 194H

3rd Bone Spring Horizontal, 3 mile lateral

County: Eddy  
 Surface: 2420' FSL & 1910' FWL  
 Sec 25, T22S / 30E  
 Rig: Noram 25 (25' RKB)



AFE # 1701747  
 XTO ID # 996506  
 API # 30-015-43369  
 Elevation GL 3343', KB 3368' (25' AGL)  
*\*\*Add'l Regulatory paperwork in WellView\*\**

Geology                      Casing & Cement                      Wellhead                      Hole Size                      General Notes

	(Tech Data Sheet)		
TVD Formation			17-1/2"      Notify BLM prior to spud, running casing cementing, and BOP testing
370' Rustler			
	<u>Tail (100% OH excess)</u> 705 sx 14.8ppg Class C Top of Tail @ Surface		
Tangent KOP			
	<b>13-3/8" 48# H-40 STC</b>	<b>674' MD</b>	<i>*set on long side of strap*</i>
670' Top Salt			12-1/4"      RU H <sub>2</sub> S package
	<u>Lead (125% OH excess)</u> 985 sx 12.8ppg Poz/C Top of Lead @ Surface		
	<u>Tail (125% OH excess)</u> 495 sx 14.8ppg Poz/C Top of Tail @ 3000'		
3,825' Delaware			
3,865' Bell Canyon		<b>3884' MD</b>	
	<b>9-5/8" 40# J-55 LTC</b>		8-3/4"      R/U Mud Loggers after Intermediate
4,785' Cherry Canyon			8-3/4" Hole to 11,800'
4,950' Base Manzanita			8-1/2" Hole to 12,689'
6,365' Brushy Canyon			
7,675' Basal Brushy Canyon			
7,700' Bone Spring			
7,800' Avalon Sand			
8,290' Lower Avalon Shale	<u>Lead (30% OH excess)</u> 845 sx 11ppg Poz/H Top of Lead @ 0'		
8,760' 1st Bone Spring Ss			
9,210' 2nd Bone Spring Lm	<u>Tail (20% OH excess)</u> 3665 sx 13.2ppg Poz/H Top of Tail @ 8000'		
9,560' 2nd Bone Spring Ss			EOC
9,850' 3rd Bone Spring Lm			11,645'
<b>10,189' Dir Plan KOP</b>			8-1/2"
10,560' 3rd Bone Spring Ss			
<b>10,926' Landing Target</b>		Actual ----> <b>12,689' MD</b> Proposed ----> <b>25,898' MD</b>	
<b>10,829' TVD @ BHL</b>	<b>5-1/2" 20# GBCD CYP-110</b>		<b>10,829' TVD</b>
			90.36 inc 269.89 azm

### Approvals

Prepared by: \_\_\_\_\_ Date \_\_\_\_\_  
 Robert Carlton, Drilling Engineer

Peer Reviewed by: \_\_\_\_\_

Reviewed by: \_\_\_\_\_ Date \_\_\_\_\_  
 Milton Turman, Drilling Superintendent

Approved by: \_\_\_\_\_ Date \_\_\_\_\_  
 Kendal Decker, Drilling Manager

**BUREAU OF LAND MANAGEMENT**  
**Carlsbad Field Office**  
**620 East Greene Street**  
**Carlsbad, New Mexico 88220**  
**575-234-5972**

**Conditions of Approval**

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within **ninety (90)** days from the approval date of this Notice of Intent to Abandon.

**If you are unable to plug the well by the 90<sup>th</sup> day provide this office, prior to the 90<sup>th</sup> day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.**

**The rig used for the plugging procedure cannot be released and moved off without the prior approval of the authorized officer. Failure to do so may result in enforcement action.**

2. **Notification:** Contact the appropriate BLM office at least 24 hours prior to the commencing of any Recomplete operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-393-3612.

3. **Blowout Preventers:** A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

4. **Mud Requirement:** Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of brine water. Minimum nine (9) pounds per gallon.

5. **Cement Requirement:** Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours.

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient. **Before pumping or bailing cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.**

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

6. Dry Hole Marker: All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). **The BLM is to be notified a minimum of 4 hours prior to the wellhead being cut off to verify that cement is to surface in the casing and all annuluses. Wellhead cut off shall commence within ten (10) calendar days of the well being plugged. If the cut off cannot be done by the 10<sup>th</sup> day, the BLM is to be contacted with justification to receive an extension for completing the cut off.**

The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement, unless otherwise noted in COA (requirements will be attached). The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds).

7. Subsequent Recomplete Reporting: Within 30 days after Recomplete work is completed, file one original and three copies of the Subsequent Report of Recomplete, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date well was plugged.**

8. Trash: All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration will be required. See attached reclamation objectives.