

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON 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.***SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM02447
2. Name of Operator BOPCO LP		6. If Indian, Allottee or Tribe Name
3a. Address MIDLAND, TX 79702		7. If Unit or CA/Agreement, Name and/or No. 891000326X
3b. Phone No. (include area code) Ph: 432-683-2277		8. Well Name and No. BIG EDDY UNIT 250H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 35 T19S R31E NESE 1980FSL 10FEL		9. API Well No. 30-015-40498-00-X1
		10. Field and Pool, or Exploratory WILLIAMS SINK
		11. County or Parish, and State EDDY COUNTY, NM

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

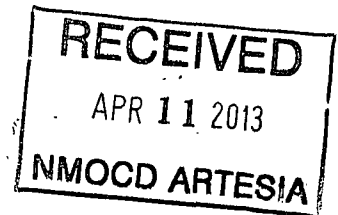
TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<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 checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Change to Original A
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	PD

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 recompleat 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 shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

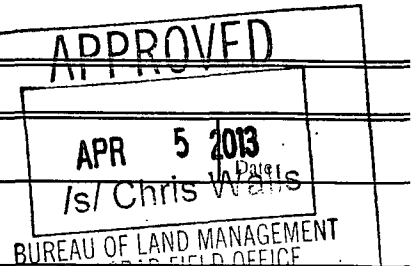
BOPCO, L.P. requests to make the below changes to the above captioned well:

1200 Surface: The hole size will be changed from 26" to 18-1/8" with 16", 84#, J-55, BTC casing set @ 1,450'. Based on offset data we believe this to be 20' above the top of the salt section. This will allow us to get through any shallow, unconsolidated formations and decrease the chance of encountering losses once drilling out with brine water through the ensuing salt section. Updated casing safety factors are as follows:
Collapse - 1.98; Burst - 1.90; Tension - 12.97

1st Intermediate: The hole size will be changed from 17-1/2" to 14-3/4" with 13-3/8", 68#, HCL-80, Ultra Flush Joint casing set at 2,620'. Based on offset data this should place us 50' above the top of the capitan reef. Updated casing safety factors are as follows:

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**Accepted for record *Wade 4/15/2013*

14. I hereby certify that the foregoing is true and correct. Electronic Submission #203703 verified by the BLM Well Information System For BOPCO LP, sent to the Carlsbad Committed to AFMSS for processing by CHRISTOPHER WALLS on 04/05/2013 (13CRW0105SE)	
Name (Printed/Typed) CHRISTOPHER W GIESE	Title DRILLING ENGINEER
Signature (Electronic Submission)	Date 04/05/2013
THIS SPACE FOR FEDERAL OR STATE OFFICE USE	
Approved By _____	Title _____
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 _____
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.	



Additional data for EC transaction #203703 that would not fit on the form

32. Additional remarks, continued

Collapse - 1.65; Burst - 3.38; Tension - 4.72

9-5/8", 40#, N-80, LTC 2st Intermediate casing cement will be performed in two stages to maximize chances of success in circulating cement to surface. A stage tool will be placed directly on top of an external casing packer and will be placed at approximately 2,660' at the top of the capitán reef according to a physical caliper log. Final cement volumes will be based on no less than 30% over gauge hole. Stage 1 Primary - Class "C" + additives @ 13.6 ppg, 1.71 cu ft/sk, 8.69 gal/sk - 625 sr H2O. Stage 2 Lead - Class "C" + additives @ 12.9 ppg, 1.85 cu ft/sk, 9.83 gal/sk H2O. Stage 2 Tail - Class "C" + additives @ 14.8 ppg, 1.33 cu ft/sk, 6.34 gal/sk H2O.

525 sr

120 sr

The following cement volumes will be pumped for the Big Eddy Unit #250H with updated casing and hole size profile.

Surface:

Lead – 1,000 sks Class "C" + additives @ 12.9 ppg, 1.90 cu ft/sk

Tail – 270 sks Class "C" + additives @ 14.8 ppg, 1.33 cu ft/sk

1st Intermediate:

Lead – 500 sks Class "C" + additives @ 12.7 ppg, 1.97 cu ft/sk

Tail – 250 sks Class "C" + additives @ 14.8 ppg, 1.37 cu ft/sk

**PECOS DISTRICT
CONDITIONS OF APPROVAL**

OPERATOR'S NAME:	BOPCO, LP
LEASE NO.:	NM-02447
WELL NAME & NO.:	BIG EDDY UNIT #250H
SURFACE HOLE FOOTAGE:	1980'/S. & 10'/E.
BOTTOM HOLE FOOTAGE	1980'/S & 1155'/E (Sec. 34)
LOCATION:	Section 35, T. 19 S., R. 31 E., NMPM
COUNTY:	Eddy County, New Mexico

1. The 16 inch surface casing shall be set at approximately **1200** feet (a minimum of 25 feet into the Rustler Anhydrite and above the salt) and cemented to the surface.
 - a. If cement does not circulate to the surface, the appropriate BLM office shall be notified and a temperature survey utilizing an electronic type temperature survey with surface log readout will be used or a cement bond log shall be run to verify the top of the cement. Temperature survey will be run a minimum of six hours after pumping cement and ideally between 8-10 hours after completing the cement job.
 - b. Wait on cement (WOC) time for a primary cement job is to include the lead cement slurry.**
 - c. Wait on cement (WOC) time for a remedial job will be a minimum of 4 hours after bringing cement to surface or 500 pounds compressive strength, whichever is greater.
 - d. If cement falls back, remedial cementing will be done prior to drilling out that string.
2. The minimum required fill of cement behind the **13-3/8** inch intermediate casing is:
 - ☒ Cement to surface. If cement does not circulate see B.1.a, c-d above.
Wait on cement (WOC) time for a primary cement job is to include the lead cement slurry due to potash.

3. The minimum required fill of cement behind the **9-5/8** inch intermediate casing is:
- a. First stage to DV tool, cement shall:
 - ☒ Cement to circulate. If cement does not circulate, contact the appropriate BLM office, before proceeding with second stage cement job.
 - b. Second stage above first DV tool, cement shall:
 - ☒ Cement to surface. If cement does not circulate, contact the appropriate BLM office.
4. The minimum required fill of cement behind the **7** inch production casing is:
- c. First stage to DV tool, cement shall:
 - ☒ Cement to circulate. If cement does not circulate, contact the appropriate BLM office, before proceeding with second stage cement job.
 - d. Second stage above first DV tool, cement shall:
 - ☒ Cement to surface. If cement does not circulate, contact the appropriate BLM office. **Additional cement may be required – excess calculates to 10%.**
5. Cement not required on the **4-1/2"** liner. **Packer system being used.**