## OCD Artesia REWEIVE FORM APPROVED **UNITED STATES** OM B No 1004-0137 Expires: March 31, 2007 DEPARTMENT OF THE INTERIOR OCT 03 2012 BUREAU OF LAND MANAGEMENT 5 Lease Senal No SL NM02447, BHL NM02447 SUNDRY NOTICES AND REPORTS ON WELLS MOCD ARTESIA his form for proposals to drill or to re-enter an 6 If Indian, Allottee or Tribe Name bandoned well. Use Form 3160 - 3 (APD) for such proposals. 7 If Unit or CA/Agreement, Name and/or No. SUBMIT IN TRIPLICATE- Other instructions on reverse side. Big Eddy Unit 68294X 1 Type of We Gas Well□□ 8 Well Name and No Big Eddy Unit #252H 2 Name of Operator BOPCO, L. P. API Well No 30-015-40500 3a Address 3b Phone No (include area code) 432-683-2277 P. O. Box 2760, Midland, TX 79702 10 Field and Pool, or Exploratory Area WC Williams Sink (Bone Spring) 4 Location of Well (Footage, Sec., T, R, M, or Survey Description) 11 County or Parish, State Surface: SESE, UL P, 620' FSL, 10' FEL, Lat N32.611283, Long W103.830814 Bottom Hole: 330' FSL, 660' FEL, Sec 2, T20S, R31E, Lat: N32.92935, Long: W103.833008 Sec 35, T19S, R31E 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Acidize Water Shut-Off Production (Start/Resume) Deepen Notice of Intent Alter Casing Fracture Treat Reclamation Well Integrity Casing Repair New Construction Other Recomplete Change Plans Temporarily Abandon Plug and Abandon Final Abandonment Notice Convert to Injection Plug Back ■ 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 recomplete 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 recompletion 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. would like to submit a Change of Plans Sundry for the 9-5/8" 2nd Intermediate cement job. The approved APD outlined a single stage cement job that will not be successful due to lost circulation in the Capitan Reef section. A 2-stage cement job has been used in recent offset wells in the section to successfully cement through the Capitan Reef with a DV tool and ECP. A DV tool and external casing packer will be run on the 9-5/8" casing string at +-50' below the 13-3/8" casing at 2661' and above the expected top of the Capitan Reef at +-2790'. Prior to running casing, a 3-arm wireline caliper will be run to help determine ECP placement. The 2-stage cement will be comprised of the following: 1st stage - Tail - 1100 sks Class C + Additives (13.6 ppg, 1.71 yield) 2nd stage - Lead - 600 sks EconoCem HLC + Additives (12.7 ppg, 1.85 yield) Tail - 100 sks Class C + Additives (14.8 ppg, 1.33 yield) Cement will be circulated to surface. SEE ATTACHED FOR CONDITIONS OF APPROVAL Accepted for record NMOCD > I hereby certify that the foregoing is true and correct Name (Printed/Typed) Charles Warne Title Drilling Engineer Date 9-27-12 Signature THIS SPACE FOR FEDERAL OR STATE OFFICE USE Approved by Title

Office

Title 18 USC Section 1001 and Title 43 USC Section 1212, make it a crime for any person knowingly and willfully to make to any department or age

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

States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

which would entitle the applicant to conduct operations thereon

## Conditions of Approval

- 1. The minimum required fill of cement behind the 9-5/8 inch  $2^{nd}$  intermediate casing is:
  - a. First stage to DV tool:
  - Cement to circulate. If cement does not circulate, contact the appropriate BLM office before proceeding with second stage cement job. Operator should have plans as to how they will achieve circulation on the next stage.
  - b. Second stage above DV tool:
  - Ement to surface. If cement does not circulate, contact the appropriate BLM office.