

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 259H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 27 T19S R31E SESE 660FSL 10FEL 32.373318 N Lat, 103.505285 W Lon		9. API Well No. 30-015-41601-00-X1
		10. Field and Pool, or Exploratory HACKBERRY
		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.)

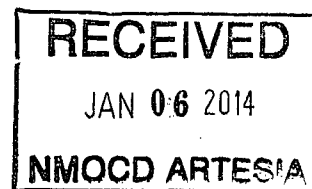
BOPCO, L.P. respectfully requests permission to amend the casing program for Big Eddy Unit 259H. This will be accomplished by drilling a 8-3/4" production hole from the 9-5/8" 2nd intermediate casing to EOC (9,487' MD/ 9,160' TVD). A 7-7/8" lateral hole will be drilled from EOC to TD (13,797' MD/9,070' TVD). The production string will be cased using a 5-1/2", 17#, HCP-110, BTC long string and then cemented in two stages with the 2nd stage to tie back to 50' above the Capitan Reef to 2,685'. Please find the casing and cement revisions below.

Revised Casing Program:
Type Interval (MD) Hole Size
5-1/2", 17#, HCP-110, BTC 0'- 13,797' 7-7/8"

Casing Program Safety Factors:
Type Tension Collapse Burst

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

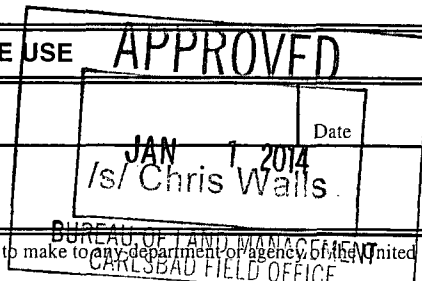
Accepted for record
NMOC D 10/16/2014



14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #230513 verified by the BLM Well Information System For BOPCO LP, sent to the Carlsbad Committed to AFMSS for processing by CHRISTOPHER WALLS on 12/31/2013 (14CRW0166SE)	
Name (Printed/Typed) CHRISTOPHER VOLEK	Title DRILLING ENGINEER
Signature (Electronic Submission)	Date 12/26/2013

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 #230513 that would not fit on the form

32. Additional remarks, continued

5-1/2", 17#, HCP-110, BTC 4.24 1.61 2.05

Cementing Program: Please see below for updates to cement program

5-1/2" Production cement (caliper volume + 50% excess)

1st Stage

Lead Slurry: Versacem-H + 8% WY Bentonite + 0.5 lb/sk D-Aire 5000 + 0.7% HR-601 + 0.125 lb/sack Pol-E-Flake

Lead Volume: 410 sacks

Lead Details: 11 ppg, 2.64 ft³/sk yield, H₂O 14.84 gal/sk

Top of Lead: DV Tool (+/- 5,000?)

Tail Slurry: Versacem H System + 0.5% LAP1 + 0.3% CFR-3 + 0.5 lb/sk D-Air5000+0.1

FWCA+0.15%HR-601+0.125 Pol-E-Flake

Tail Volume: 1210 sacks

Tail Details: 13.0 ppg, 1.67 ft³/sk yield, H₂O 8.88 gal/sk

Top of Tail: KOP (8,587?)

2nd Stage

Lead Slurry: Versacem-C + 8% WY Bentonite + 0.5 lb/sk D-Air 5000 + 1 lb/sk Cal-Seal 60 + 0.125 lb/sack Pol-E-Flake

Lead Volume: 320 sacks

Lead Details: 11.90 ppg, 2.25 ft³/sk yield, H₂O 12.80 gal/sk

Top of Lead: DV-Tool (2,685?)

Tail Slurry: Cemex Premium Plus C

Tail Volume: 141 sacks

Tail Details: 14.8 ppg, 1.33 ft³/sk yield, H₂O 6.34 gal/sk

Top of Tail: KOP (4,500?)

Conditions of Approval

1. The minimum required fill of cement behind the 5-1/2 inch production casing is:

Operator has proposed DV tool at depth of 5000'. Operator is to submit sundry if DV tool depth varies by more than 100' from approved depth

- 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:

☒ Cement should tie-back at least **50 feet above the Capitan Reef**. Operator shall provide method of verification.