

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

**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**

**RECEIVED**

**FEB 22 2010**

**NMOCD ARTESIA**

5. Lease Serial No.

NMNM62589

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Federal 23 #16

9. API Well No.

30-015-37341

10. Field and Pool, or Exploratory Area  
Livingston Ridge Delaware

11. County or Parish, State

Eddy NM

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

TYPE OF SUBMISSION

TYPE OF ACTION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

☐ Acidize

☐ Alter Casing

☒ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☒ Other Intermediate

Casing Repair

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 shall 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 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 final site is ready for final inspection.)

See Attached

**ACCEPTED FOR RECORD**

**FEB 20 2010**

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

David Stewart

Title

Sr. Regulatory Analyst

Date

2/16/10

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

Approved by

Title

Date

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, makes 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.

D.A. 2/23/10

Federal 23 #16

Date	Remarks
2/8/10	RU PU FUNCTION TEST OK RIH WITH RBP RETRIEVING TOOL Released RBP at 1135' x No pressure below plug POOH HALCO RBP RIH w/ 7-7/8" Bit and 35 jts 2-7/8" N-80 Tbg x Bit swinging 1117 SION
2/9/10	Tag CBP 1415 x Felt No obstructions running bit RIH w/ 8-5/8" Test Packer SET AT 1404 Test Casing 1404 to 1415 x CIBP and Casing tested ok SET PKR AT 1285 Test casing at 600 psi 1285 to surface x Tested good Pump down tubing into casing perforation at 1381-1382 x PIR 2 BPM 760 psi x Pump into perms 15 bbls brine POOH 8-5/8" packer SION
2/10/10	Cement Retainer swinging 1279 Pump thru cement retainer w/ FW x Set Retainer 1279 x Stung out of and back in retainer x No Problems x Pressure casing to 500 psi x Held ok x Pressured test Lines to 4000 psi x Pumped 500 bbls 9.8 ppg brine at 2.5 BPM with ATP 1450 psi x Pumped 5 BFW spacer x Pumped 2500 gals Halco Flo-Check x Pumped 5 BFW Spacer x Mixed and pumped 600 sacks 14.8 ppg Prem Plus Cement xcontaining 2% Cacl at 2 BPM w/ ATP 1290 psi x Displaced tbg w/ 2 BFW x SI Tbg x Washed up tub and lines x Open up tbg SITP 470 psi x Hesitated squeeze cement in (4) 20 min stages x Final squeeze pressure 750 psi x Stung out of retainer x Reverse circ clean w/ FW  POOH w/ Tbg and setting tool SION
2/11/10	RIH 7-7/8" Smith bit x Bit SUB x (6) 4-1/8' DC's x X-O x TOTAL BHA 185.85 RIH BHA +2-7/8" N-80 tbg x TAG CEMENT 1271 Drill 1271 o 1279 Drill on Retainer 1279 Drilling on retainer 1279
2/12/10	Fell out of retainer 1281x Immediately drilling hard cement Drill cement 1281 to 1304 Drill 1304 to 1380 Drill 1380 to 1388 Pressure casing to 1500 psi and record pressure x Casing charted and tested
2/13/10	Drill cement 1388 to 1405 Tag CIBP 1415 Pressure casing annulus to 1600 psi and recorded pressure x Charted good LD Drill collars x Bit inner cones found worn flat x Outer cones ok Filled casing with Brine water RD PU

D. 2/23/10

