OCD-ARTESIA

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No 1004-0137
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 page 2.*

5. Lease Serial No. NM 70335	
6. If Indian, Allottee or Tribe Name N/A	
7. If Unit of CA/Agreement, Name and/or No. N/A	
1 Type of Well ☑ Oil Well ☐ Gas Well ☐ Other	8. Well Name and No. Livingston Ridge Federal # 2
2. Name of Operator ConocoPhillips Company	9 API Well No. 30-015-26436
3a. Address P.O Box 51810 Midland, Tx 79710	3b. Phone No. *(include area code)* 432-688-6943
10. Field and Pool or Exploratory Area Cabin Lake Delaware	
4. Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)* 2240 FSL & 1200 FWL UL L of Section 1-22S-30E	11. Country or Parish, State Eddy County, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☑ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☑ Other Workover
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily 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 must 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 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)

ConocoPhillips Company respectfully submits the attached procedure to add pay, address the issue regarding the minor pressure drop on the MIT done in February and return to production.

SEE ATTACHED FOR CONDITIONS OF APPROVAL

14 I hereby certify that the foregoing is true and correct Name *(Printed/Typed)* Donna Williams	Title Sr. Regulatory Specialist
Signature	Date 07/19/2010

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	

APPROVED
JUL 27 2010
/s/ Dustin Winkler
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD 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.

(Instructions on page 2)

Recommended Procedure

1. Prior to beginning well work, MIRU pump truck and perform MIT to 500 psig for 30 min. Report results to Production Engineer and OCD.
2. MIRU well service rig. MIRU pump truck. Haul in minimum 7600' of 2 7/8", 6.4 lb/ft, J-55 tubing for use as both workstring (WS) and production tubing. If the results of the MIT from Step # 1 are found to be satisfactory, move to Step # 5.
3. PU and TIH with 5 ½" packer on WS to 5700' +/-. Set packer and test casing and CIBP to 500 psig. If leak is noted, use packer to isolate casing leak(s) and obtain pump in rate(s)/pressure(s) for cement squeeze design.
4. If only one leak is found, contact service company for cement squeeze design. Perform cement squeeze. If multiple leaks are found in Step # 3, or a leak cannot be isolated within 30'+/-, run 40-arm caliper log based on location of leaks. WOC.
5. PU and TIH with 4 ¾" bit and DC's on WS. RU reverse unit and power swivel.

   If cement squeeze was performed in Step # 4, DO cement retainer (if used) and cement, and clean out to CIBP. Test casing and CIBP to 500 psig. Resqueeze if necessary. Circulate well clean.

   TIH to top of cement cap at 5755' +/-. DO cement cap and circulate well clean. TOOH with WS and LD DC's and bit.
6. MIRU Schlumberger wireline. RU 5000 psig lubricator. Run GR from 6300' +/- to 3700' +/-. Correlate to Spectral Density Dual Spaced Neutron Log – Dated 1/11/91.
7. RIH and perforate per Schlumberger guidelines (spf and phasing) over the following intervals:

   5245-5254'
   5749-5756'
   5764-5772'
   5779-5790'
   5832-5835'
   6055-6066'

   RDMO wireline and lubricator.

Recommended Procedure (cont.)

8. PU and TIH with 5 ½" treating packer on WS to 5200' +/-. Set packer.
9. MIRU Schlumberger pumping services. RU and test all lines to 5500 psi and monitor for 5 min. Ensure pressure loss does not exceed 200 psi over 5 min. Pressure up casing/tubing annulus to 500 psi and monitor during job.

NOTE: It is ConocoPhillips policy to have shower facilities on location when using acid.

10. Perform acid stimulation as per Schlumberger procedure.
11. Unset and TOOH with 5 ½" packer. LD packer.
12. PU and TIH with 4 ¾" bit and DC's on WS. DO cement cap/CIBP at 6355' +/- and cement plug at 6540' +/-. Continue to TIH with bit and clean out well to 7600' +/-. TOOH and LD bit and DC's. Stand back tubing.
13. MIRU Schlumberger wireline. RU 5000 psig lubricator. RIH and perforate per Schlumberger guidelines (spf and phasing) over the following intervals:

    6528-6531'
    6947-6951'
    7127-7131'

    RDMO wireline and lubricator.
14. PU and TIH with 5 ½" packer and RBP on WS to 7600' +/- and set RBP. Unlatch WS from RBP and TUH to 7150' +/-. Set packer.
15. MIRU Schlumberger pumping services. RU and test all lines to 5500 psi and monitor for 5 min. Ensure pressure loss does not exceed 200 psi over 5 min. Pressure up casing/tubing annulus to 500 psi and monitor during job.

NOTE: It is ConocoPhillips policy to have shower facilities on location when using acid.

16. Perform acid stimulation as per Schlumberger procedure.
17. Unset packer and TIH to 7600' +/-. Latch onto RBP and unset. TUH to 7150' +/- and set RBP.
18. Unlatch WS from RBP and TUH to 6500' +/-. Set packer.

Recommended Procedure (cont.)

19. MIRU Schlumberger pumping services. RU and test all lines to 5500 psi and monitor for 5 min. Ensure pressure loss does not exceed 200 psi over 5 min. Pressure up casing/tubing annulus to 500 psi and monitor during job.

NOTE: It is ConocoPhillips policy to have shower facilities on location when using acid.

20. Perform acid stimulation as per Schlumberger procedure.
21. Unset packer and TIH to 7150' +/-. Latch onto RBP and unset. TOOH with RBP, packer, and WS. LD RBP and packer.
22. TIH with 2 7/8" production tubing per tubing design in WellView.
23. RU pump truck to kill well. ND BOP and NU WH. RIH with pump and rods as per rod design in WellView. Install stuffing box and plumb wellhead. Load tubing and check pump action. Space and hang well on.
24. RDMO well service rig. Turn the well over to Operations and return to production. Report results on morning report until production stabilizes. Notify Regulatory of change of status. Record stabilized rates in Avocet.

Adam Conch
Production Engineer – Hobbs West
Office: (432) 368 1929
Cell: (432) 213 292

ConocoPhillips
NM-70335: Livingston Ridge Federal #2
API: 30-015-26436
Eddy County, New Mexico

RE: Plug back and Recomplete NOI – Conditions of Approval

There is to be no surface disturbance beyond the originally approved pad. A closed loop system is to be used. H2S monitoring and protection equipment recommended to be on site.

Submit subsequent report with well test once work is completed.

DHW 072710