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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.
LC031760B

6. If Indian, Allottee or Tribe Name

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

1. Type of Well
☐ Oil Well ☐ Gas Well ☑ Other Inj

8. Well Name and No.
Warren Unit #28

2. Name of Operator
ConocoPhillips Company

9. API Well No.
30-025-07831

3a. Address
P.O Box 51810
Midland, Texas 79710-1810

3b. Phone No. *(include area code)*
432-688-6913

10. Field and Pool or Exploratory Area
Warren Mckee ~~Simpson~~

4. Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)*
1980 FSL & 2310 FEL, UL J, Section 20, T20S, R38E

11. Country or Parish, State
Lea, 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
	☐ 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 repair a potential casing leak and return the well to production.

Procedure attached.

SEE ATTACHED FOR CONDITIONS OF APPROVAL

SUBJECT TO LIKE APPROVAL BY STATE

APPROVED
NOV 4 2009
/s/ Myles Kristof
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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

Title Regulatory Specialist

Signature

Date 10/13/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title DISTRICT I SUPERVISOR

Date NOV 09 2009

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.

(Instructions on page 2)

A. Recommended Procedure- Warren Unit 28

1. MIRU well service rig. MIRU pump truck. ND WH and NU shop tested, Class 1 Hydraulic BOP and environmental tray. Haul in 9000' +/- of 2 3/8", 4.7# workstring.

2. Unset packer. TOOH 1 joint and reset packer at 8950' +/-. Test casing/tubing annulus to 500 psig. If no leak is detected, go to Step # 12. If leak is detected, TOOH 1 joint and reset packer no shallower than 8920'. Repeat annulus pressure test. If no leak is detected, go to Step # 12. If leak is detected, proceed to Step # 3.

3. TOOH with 2 3/8", 4.7# IPC tubing and packer. LD and scan tubing at Tuboscope's yard and place all yellow/blue band tubing in COPC inventory.

4. PU 2 3/8" workstring and TIH with 4¾" bit and 5½" casing scraper on workstring to 9000' +/-. TOOH with workstring, casing scraper, and bit.

5. PU and TIH with 5½" RBP and 5½" treating packer on workstring to 8980' +/-. Set treating packer at 8980' +/- and **leave RBP unset.** Test casing/tubing annulus to 500 psig. If no leak is detected, TOOH with RBP, packer, and tubing and go to Step # 11.

6. If leak is detected, un-set packer and set RBP at 8980' +/-. Set packer at 8920' +/-. Test RBP to 500 psig. Test casing/tubing annulus to 500 psig. If no leak is detected, TOOH with RBP, packer, and tubing and go to Step # 11. If leak is detected, use RBP and packer to isolate casing leak(s) and obtain pump in rate(s) and pressure(s) for cement squeeze design.

7. If only one leak is found, contact service company for cement squeeze design. Perform cement squeeze. If multiple leaks are found in Steps # 5 & # 6, or a leak cannot be isolated within 30' +/-, run 40-arm caliper log based on location of leaks. Contact Production Engineer before preceding.

8. Wait on cement. TIH with 4 ¾" bit and three 3 ½" DC's on 2 ⅜" WS. RU reverse unit and power swivel. Drill out cement retainer (if used) and cement, and clean out to RBP. Test casing and RBP to 500 psig. Resqueeze if necessary. Circulate well clean. TOOH with 2 ⅜" workstring, DC's, and bit.

9. TIH with 2 3/8" workstring and retrieve RBP. TOOH with RBP and 2 3/8" workstring.

10. TIH with bit and bailer on 2 3/8" workstring. Clean out to PBTD at 9102' +/-. TOOH with bit, bailer, and workstring.

11. TIH with new 2 3/8", 4.7# IPC tubing and packer per WellView design. Set packer no shallower than 8920'.

12. Circulate wellbore with inhibited packer fluid. ND BOP and NU WH. RDMO well service rig. Connect surface lines. Notify NMOCD to witness mechanical integrity test. Pressure test casing to 500 psig for 30 minutes. Monitor tubing and casing pressure. Record test using circular chart. Place electronic copy of MIT chart in HobbsOU\MIT Charts folder for documentation.

13. Place well on water injection. Report injection rate and injection pressure in WellView. Submit change of status report.

Warren Unit 28
30-025-07831
Conoco Phillips Company
November 4, 2009
Conditions of Approval

1. **Surface disturbance beyond the existing pad must have prior approval.**
2. **Closed loop system required.**
3. **3M BOP to be NU and tested ON SITE prior to RIH.**
4. **Subsequent sundry along with a copy of the MIT to be submitted to the BLM.**

MAK 110409