

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

HOBBS OCD

5. Lease Serial No.
NMLC029405B

6. If Indian, Allottee or Tribe Name

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

MAR 12 2014

8. Well Name and No.
RUBY FEDERAL 33

9. API Well No.
30-025-41505-00-X1

10. Field and Pool, or Exploratory
MALJAMAR

11. County or Parish, and State

LEA COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
CONOCOPHILLIPS COMPANY
Contact: SUSAN B MAUNDER
E-Mail: Susan.B.Maunder@conocophillips.com

RECEIVED

3a. Address
3300 N "A" ST BLDG 6
MIDLAND, TX 79705

3b. Phone No. (include area code)
Ph: 281-206-5281
Fx: 281-206-5745

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 18 T17S R32E SWNE 1725FNL 1668FEL 75
32.501393 N Lat, 103.480977 W Lon

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

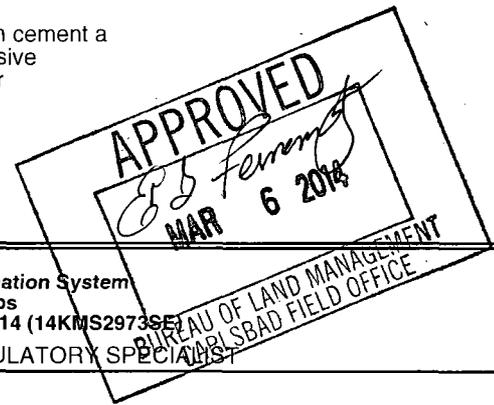
TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> 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 APD
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> 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.)

ConocoPhillips Company respectfully requests a change to our original APD for this well. COPC proposes to perform a remedial cement operation to achieve cement to surface. The need for additional work has been communicated to BLM staff members Jennifer Mason and Ed Fernandez via telephone and email.

Our intent is to perform a bradenhead cement squeeze down the annulus. COPC will wait on cement a minimum of four (4) hours after bringing it to surface or until it reaches 500 pounds compressive strength, whichever is greater. We are including the following documentation as the basis for performing this additional cement operation.

- Well summary
- Complete Procedure



14. I hereby certify that the foregoing is true and correct.
Electronic Submission #237731 verified by the BLM Well Information System For CONOCOPHILLIPS COMPANY, sent to the Hobbs Committed to AFMSS for processing by KURT SIMMONS on 03/06/2014 (14KMS2973SE)

Name (Printed/Typed) SUSAN B MAUNDER Title SENIOR REGULATORY SPECIALIST

Signature (Electronic Submission) Date 03/04/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By EDWARD FERNANDEZ Title PETROLEUM ENGINEER Date 03/06/2014

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 Hobbs

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.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

APR 14 2014

Additional data for EC transaction #237731 that would not fit on the form

32. Additional remarks, continued

-Results of running Cement Bond Logs and pressure testing

Our intent is to proceed with stimulation/completion operations after well integrity has been established. Maximum anticipated frac pressure for this job is 6000 psi, expected during initial formation breakdown. Estimated pad treating pressure during the stimulation varies by stage, from 3000 ? 4000 psi. COPC will install a pressure gauge on the 8-5/8? by 5-1/2? casing annulus to monitor pressure during stimulation operations.

We request verbal approval of our plans, so that we can perform the cement job on March 6 or 7, 2014 followed by completion operations. Thank you for your time in considering this request.

Ruby Federal #33

API 30-025-41505-00

Summary:

During drilling operations for this well, cement did not circulate to surface behind the production casing as specified in our approved APD for two string casing and cementing designs. ConocoPhillips Company (COPC) representatives communicated with BLM staff regarding this occurrence. After scheduling conflicts prevented the completion of a temperature survey, we again contacted BLM staff and received acceptance of our intent to move the rig off location. At that time BLM requested COPC perform a Cement Bond Log (CBL) and a pressure test as means of evaluating the top of cement and well integrity.

On Wednesday, February 19, 2014 we ran a cement bond log with Schlumberger on Ruby Federal 33. We ran two full passes, the first at 0 psi and the second at 1,000 psi. The CBL indicates that top of cement is at approximately 1,090' MD, as indicated by significant reduction in amplitude at this depth. Additionally, there is quality cement above the top producing horizon for this well (Grayburg at 3467' MD). Estimated TOC is 981' above the Yates formation, which is the nearest hydrocarbon bearing zone. The 8-5/8" 24# J-55 STC surface casing is set at 772' MD and cemented to surface. The open hole zone is from 772-1090' MD, and the corresponding formations are the Rustler Anhydrite and Salado Salt.

Engineering decided to utilize the Formation Integrity Test results as a basis for satisfying the BLM request to conduct a pressure test, because of the open hole zone. On Thursday, February 20, 2014 we pressure tested the 8-5/8" by 5-1/2" casing annulus with PetroPlex. Prior to pressure test, the annular pressure gauge read 0 psi. We pressured up to 200 psi on the surface by production casing annulus and at 2:38 pm NM time, we began the test and monitored annulus pressure for 30 minutes. The test was concluded and the 8-5/8" by 5-1/2" casing annulus pressure was recorded at 179 psi.

On Monday, February 25, 2014 COPC proposed proceeding with completion operations. BLM staff required remedial cement operations be performed prior to stimulation/completion operations.

Well is currently secured.

Proposal:

Our intent is to perform a bradenhead cement squeeze down the annulus. The complete procedure is attached. COPC will wait on cement a minimum of four (4) hours after bringing it to surface or until it reaches 500 pounds compressive strength, whichever is greater. Our intent is to proceed with stimulation/completion operations after well integrity has been established and BLM approval is received. COPC will install an annulus pressure gauge to monitor pressure during stimulation/completion operations.

PROCEDURE: BRADENHEAD SQUEEZE DOWN ANNULUS, RUBY FEDERAL 33

1. Conduct safety meeting (JSA)

2. Excavate cellar and ensure surface casing valve is closed.
3. Remove piping to surface.
4. MIRU Baker Hughes cementing crew and tie surface line into 8-5/8" x 5-1/2" casing annulus valve.
5. Test surface line to 2,500 psi.
6. Pressure up on 8-5/8" x 5-1/2" casing annulus and establish injection by pumping fresh water at 2 – 5 BPM. **Surface pressure must not exceed 2,000 psi. Do not mix cement until ability to inject is confirmed.**
7. After verifying injection, batch mix **50 bbls** of the following cement to surface. Pump at maximum rate achieved in Step 6 and do not exceed 2,000 psi. After pumping 26 bbls; decrease rate to half the original pump rate. If pressure begins to increase while pumping at a constant rate, proceed to Step 8.
 - a) Total Mix Water Required: 1,466 gallons
 - b) Squeeze Slurry: 160 sacks of 13.5 ppg Class C + additives, 1.75 cf/sack yield
8. Displace cement in surface lines and ensure that wellhead is clear of cement below the tree.
9. Clean out batch mixer, preparing for a possible +/-25 bbls excess cement during clean up. Sugar will be added to excess cement as retardant to assist clean-up operations.
10. RDMO Baker Hughes cementing crew.
 - a) If well IS NOT on vacuum after pumping cement, skip to Step 21.
 - b) If well IS on vacuum after pumping cement, proceed as follows.
11. Close 8-5/8" x 5-1/2" casing annulus valve.
12. Spot wireline unit, crane, and equipment truck/trailer.
13. Verify there is no pressure on the 5-1/2" production casing prior to rigging up Wireline Service Company.
14. MIRU Wireline Service Company and place barriers along route of wireline cable between the wellhead and wireline unit (cones, caution tape, etc.).
15. NU pack-off to 7-1/16 10K flanged tubing head.

16. RIH with temperature survey and locate top and bottom of cement. (Bottom of cement should be no deeper than 1,090 ft MD, which was original TOC identified in the CBL prior to remediation).
17. POOH with tool string.
18. ND pack-off and RDMO wireline unit, crane, and equipment truck/trailer.
19. Allow cement to set overnight and prepare for 8-5/8" x 5-1/2" casing annulus pressure test.

PRESSURE TEST 8-5/8" x 5-1/2" CASING ANNULUS

Notify BLM field inspector of intent to pressure test, giving BLM the option to witness pressure test. Contact: (575) 393-3612

20. Ensure cement has set for a minimum of 16 hrs.
21. Move lines to 8-5/8" x 5-1/2" casing annulus.
22. Pressure test to 600 psi and chart pressure for 30 minutes, as required by the BLM. Use a circular pressure chart with 0 – 1500 psi scale. Use red ink for recording pressure.

***** A successful pressure test must not vary by greater than 10% over 30 minutes.**

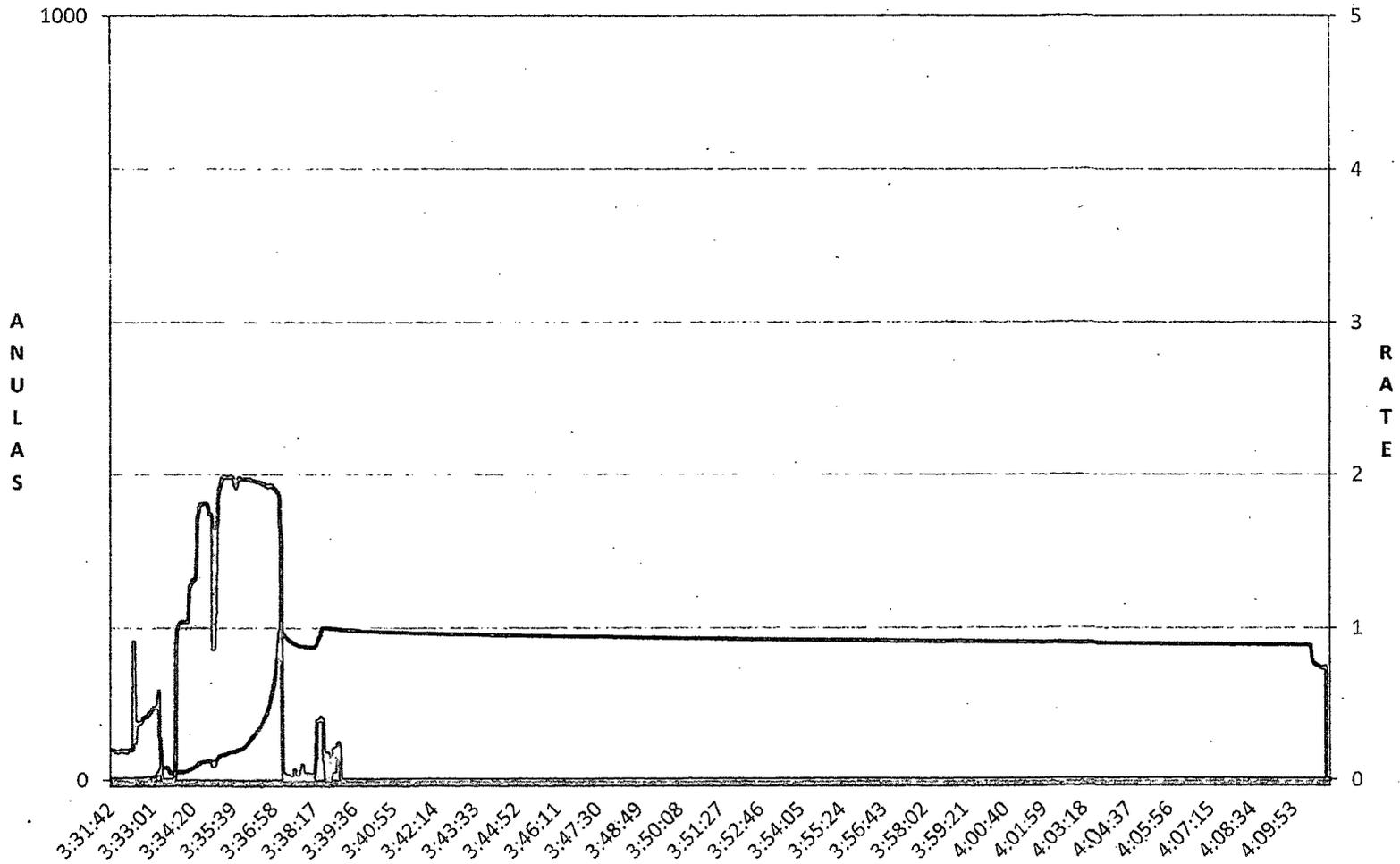
23. After completing pressure test, ensure that the pressure test chart includes the following information, as required by the BLM:
 - a) Well name and number
 - b) API number
 - c) Start time and pressure
 - d) End time and pressure
 - e) Calibration date
 - f) Signature of person performing the test
 - g) Signature of COPC representative witnessing the test
 - h) Signature of any government witness on location

NOTE: Chart line must be clearly visible, do not write over the pressure record line.

24. RDMO lines and test unit.

CONOCO PHILLIPS RUBY FEDERAL 33

— CSG PSI — TBG PSI — RATE



COP REP

JERRY THURMAN
[Signature]

START TIME/PSI 2:38 200PSI
END TIME/PSI 3:08 179 PSI

CALIBRATION DATE 2-14-2014