Form 3160-5
(April2004)

UNITEDSTATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORMAPPROVED
OM B No. 1004-0137
Expires: March 31, 2007

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.*

5. Lease Serial No.
NMNM010063

6. If Indian, Allottee or Tribe Name

2006 JUN 12 PM 2 09

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

RECEIVED
070 FARMINGTON NM

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
Redfern #5E

2. Name of Operator
ConocoPhillips Company

9. API Well No.
30-045-24403

3a. Address
PO BOX 4289 Farmington NM 87499

3b. Phone No. *(include area code)*
(505)326-9597

10. Field and Pool, or Exploratory Area
Basin Dakota

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 9 T28N R11W SWSE 790FSL 1850 FEL

11. County or Parish, State
San Juan
NM

12. CHECK 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
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Bradenhead Rpr
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ 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 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 proposes to repair bradenhead as per attached procedure.

JUN 2006
OIL CONS. DIV.
DIST. 3

CONDITIONS OF APPROVAL
Adhere to previously issued stipulations.

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

Title Regulatory Specialist

Signature Juanita Farrell

Date 06/09/2006

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by Matt Halbert

Title PETE ENG

Date 6-15-06

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 BLM-FFO.

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)

NMOCD

ConocoPhillips

'Our work is never so urgent or important that we cannot take time to do it safely.'

San Juan Workover Procedure
Redfern #5E

Objective: Bradenhead Repair

WELL DATA

API #: 30-045-24403
Location: T28N-R11W-09-O
Lat: 36° 40' 17.364" N **Long:** 108° 0' 21.6" W

Elevation: 5510' GLM 5523' KBM
TD: 6283' **PBTD:** 6246'

Existing Perforations: DK: 5992'-6156'

Existing Casing, Tubing and Packer Information

	OD (in)	Depth (ft)	Joints	ID/Drift (inches)	Weight (#/ft)	Grade	Capacity (bbls/ft)	Burst (psi)	Collapse (psi)	Cmt top
Surface	8 5/8	510	12	8.097/7.972	24	J-55	0.0637	2950	1370	Surf.
Production	4 1/2	4200 6276	102 67	4.052/3.927 4.000/3.875	10.5 11.6	K-55	0.0159 0.0155	4970 5350	4010 4960	Unk
Tubing	2 3/8	6143	196	1.995/1.901	4.7	J-55	0.00387	7700	8100	-

Artificial lift on well: PlungerLift

PROCEDURE:

Note: All cement for squeezing will be ASTM Type III, mixed at 14.8 ppg with a 1.32 cf/sx yield.
Notify the BLM and OCD before any doing any cementing work.
Minimize the use of pipe dope during workover operations to protect the formation.

1. Notify operator (Terry Medford - Cell # 505-486-6783) of plans to move on the well. Determine if well is equipped with a plunger. Have lease operator remove plunger or if necessary have slick line unit recover plunger and BH spring assembly.

2. Ensure that well is shut in, energy isolated, locked and tagged out; cathodic protection disconnected. Record SI tbg, SI csg, and Braidenhead pressures.

3. Set and fill 400 bbl water tank with 2% KCL fluid. Place biocide and scale inhibitor (Techni-hib 763) in the water tank with the first load.

4. Install and test location rig anchors. MOL and RU daylight pulling unit.

5. Conduct safety meeting for all personnel on location. Complete JSA as appropriate for the work at hand.

6. If necessary, kill well w/ 2% KCL water (contingent on Category designation of well; refer to COPC well control manual). ND wellhead and NU BOPE (refer to COPC well control manual, Sec 6.13). This well is a class 2, category 2 well.

7. PU additional 2 3/8" tubing and tag fill. LD additional joints. TOH with 196 joints 2 3/8" tubing with SN on bottom. Visually inspect tubing and note any corrosion, mud or scale.

8. Round-trip 4 1/2" casing scraper to 5910' or as deep as possible. Set a 4 1/2" RBP (on wireline or on tubing) at 5900'. TIH with 4.5" full bore packer to 5890'. Load the casing with 2% KCl water. Then set the packer and pressure test the RBP to 800 PSI. Unset the packer and pressure test the casing to 500#. If casing leaks, then isolate casing / wellhead leak with a packer (and an additional RBP if necessary). If holes, isolate section and do pump in test, while monitoring bradenhead pressure. Contact Engr on next steps; cement design.

9. If the casing does not leak, then TOH with packer and rig up a wireline unit. Run a CBL to determine the condition of cement outside the 4 1/2" casing. Contact the Engineer for squeezing or repair recommendations.

Note: Notify BLM / NMOCD 24 Hrs before perforating casing or pumping cement. And get copies of CBL to them also.

10. Drop or spot 10' of sand on the RBP. Squeeze the casing annulus as directed. WOC. PU 3.125" drill collars and 3.75" mill tooth bit. Drill out the cement and check for stringers below. Pressure test the squeeze to 500# for 30 minutes.

11. TOH with the bit and then LD the drill collars. PU and TIH with a 4 1/2" casing scraper to 1' above the RBP. Reverse circulate the well with clean 2% KCl water. TOH with scraper.

12. TIH and retrieving head and circulate well clean above the RBP. Swab down the fluid level. Then retrieve the RBP. TOH and LD the RBP. .

13. RIH with bit and scraper to PBTD; circulate hole clean; POOH. RIH w/ muleshoe collar and F nipple. TIH with 2 3/8" tubing to 6140' +/- KB. Land tubing. **Note: Apply pipe dope to pin ends only and minimize amount used.**

14. **Rabbit tubing per ConocoPhillips "Tubing Drift Procedure".**

15. If necessary swab well to kick off production. If expendable check used, load tubing with 2% inhibited KCL and blow off expendable check.

16. RD MO rig. Turn well over to production. Notify Terry Medford. Cell # 505-486-6783.

17. Notify cathodic protection personnel after job is complete so cathodic protection equipment can be re-activated. Ensure pit closures done.