

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
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.

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

2. Name of Operator
ConocoPhillips Company

3a. Address
PO BOX 4289 Farmington NM 87499

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
990 NORTH 990 EAST
UL: A, Sec: 30, T: 27N, R: 11W

5. Lease Serial No.

SF078896

6. If Indian, Allottee or Tribe Name

2005 JUN 12 20 2 10
7. Unit or CA Agreement, Name and/or No.

MUDGE FEDERAL
RECEIVED

8. Well Name and No.
MUDGE FEDERAL 1

9. API Well No.

30-045-06300

10. Field and Pool, or Exploratory Area
BASIN DAKOTA

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			
<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 checked="" type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<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 recompleat 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 recompleat 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 pull tbg, test casing, isolate leak, perform cement squeeze to repair this well as per attached procedure.

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

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 *Mark Habbert*

Title *PETE ENG*

Date *6-13-06*

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.

NMOCDO



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

San Juan Workover Procedure Mudge Federal #1

Objective: Pull tubing, test casing, isolate leak, perform cement squeeze to repair, drill out, run tubing to mid perforation, and resume production.

WELL DATA

API #: 30-045-0630000

Location: T27N-R11W-30-A

Lat: 36° 33' 2.088" N

Long: 108° 2' 20.04" W

Elevation: 6180' GLM

6191' KBM

TD: 6490'

PBTD: 6418'

Existing Perforations: DK: 6336'-6368'

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	10 ¾	298		10.192/10.036	32.75	H-40	0.1009	1820	840	Surf
Production	5 ½	6490	207	4.950/4.825	15.5	J-55	0.0238	4810	4040	Unknown
Tubing	2 3/8	6343	200	1.995/1.901	4.7	J-55	0.00387	7700	8100	-
	1.79" "F" Profile nipple @ 6344'; Muleshoe @ 6344'									

Artificial lift on well:

Plunger Lift

PROCEDURE:

All plunger lift equipment will be removed from the tubing before the scheduled rig arrival. If plunger lift equipment can not be removed, a wireline stop will be set above equipment to make sure equipment can not come to surface while working tubing string.

1. Notify operator (Terry Medford - Cell # 505-486-6783) of plans to move on the well.
2. Ensure that well is shut in, energy isolated, locked and tagged out; cathodic protection disconnected. Record SI tbg; SI csg: Braidenhead pressures.

3. Hold pre-job Safety Meeting.
4. MI & RU WO rig.
5. 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).
6. Pick up tubing hanger and tubing and tag bottom for fill. (PBSD 6418', Hard fill left at 6353' when last rig on well). POOH with tubing and standing back. Inspect tubing for holes, crimps and scale. Replace anybad joints.
7. PU and RIH with RBP and packer. Set RBP at +/- 6300' and test RBP. PUH and set packer at 4300'. Load and test tbg and RBP (if test fails move downhole and isolate leak). Load annulus with water and test casing to verify leak. POOH testing casing to isolate leak. NOTIFY ENGINEERING before proceeding with the next steps.
8. RIH and retrieve RBP and set the RBP below the leak and set RTTS packer or Retainer above top of leak. Drop 2 sacks frac sand on top of RBP. Allow time for sand to settle.
9. Notify BLM / NMOCD 24 hrs prior to any perforating or cementing.
10. MIRU Cement Service. Pump cement squeeze, as per Service Co. design. Let cement job set, at least overnight.
11. Hook up air/foam package. PU bit, sub, and drill collars. RIH to drill up cement. Test squeeze to 500# for 15 minutes. If pressure test is successful, retrieve the RBP and POOH.
12. PU bit, sub, and drill collars again and RIH and drill out fill back to PBSD (6418', fill noted during rig work in '99 as very hard and at 6353').
13. RIH with mule shoe on bottom, expendable check, 1.78" "F" profile nipple, 2 3/8" production tubing and land at approximately +/- 6344'. Drift tubing slowly with a 1.901" x 24" diameter drift bar. (See attached drift procedure.)
14. ND BOP, NU WH, pump out expendable check, and circulate well dry.
15. RD MO rig. Turn well over to production. Notify operator – Terry Medford - Cell # 505-486-6783.
16. Notify cathodic protection personnel after job is complete so cathodic protection equipment can be re-activated. Ensure pit closures done.

Bureau of Land Management Conditions of Approval:

- 1) If cement squeeze work is necessary, contact Matt Halbert of the BLM Farmington Field Office @ (505) 599-6350.**