Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

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.
NMSF 078995

6. If Indian, Allottee or Tribe Name

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

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

8. Well Name and No.
SAN JUAN 31-6 UNIT 234A

2. Name of Operator
CONOCOPHILLIPS CO.

9. API Well No.
30-039-27336

3a. Address
P.O. BOX 2197 WL3 6108 HOUSTON TX 77252

3b. Phone No. *(include area code)*
(832)486-2326

10. Field and Pool, or Exploratory Area
BASIN FRUITLAND COAL

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
1825 NORTH 1970 WEST
UL: F, Sec: 29, T: 31N, R: 6W

11. County or Parish, State
RIO ARRIBA
NEW MEXICO

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
	☐ 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 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 requests approval to pull liner, cleanout well, deepen 50' and run a new liner as per the attached procedure.

OCT 2005
RECEIVED
OIL CONS. DIV.
DIST. 3

RECEIVED
070 FARMINGTON NM
2005 OCT 13 AM 10 18

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

Title
REGULATORY ANALYST

Signature
Deborah Marberry

Date
10/12/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by
Steven Mason

Title
Pet. Eng

Date
10/25/05

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
FFO

Title 18 U.S.C. Section 1001, makes 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 reverse)

NMOCD

San Juan 31-6 #234A
Pull Liner, Cleanout Well
Replace Stuck Pump

Objective: Pull pump, pull liner, cleanout well, under-ream run in new liner, run new BHA and pump.

Well Data:

API: 30-039-27336
Location: Section 29 (F) – T31N – R6W
1825' FNL & 1970' FWL
Lat: +36.873610 deg N Long: -107.486100 deg W
Elevation: GLM 6490' KBM 6502' (KB 12')
TD: 3488'
PBTD: 3485'
Perforations: 3137'-39', 3163'-67', 3171'-75', 3179'-83', 3227'-32', 3238'-42', 3244'-48', 3294'-3300', 3303'-08', 3321'-24', 3326'-32', 3428'-30', 3433'-38', 3438'-43'

Casing:	OD	Wt., Grade	Connection	ID/Drift (in)	Depth
	9-5/8"	32.3#, H-40	ST&C	9.001 /8.845	223'
	7"	20#, J-55	ST&C	6.456/6.331	3130'
Liner:	5 ½"	15.5#, J-55	8 Rd	4.950/4.825	3077-3486
Tubing:	2-3/8"	4.7#, J-55	EUE 8RD	1.995/1.867	3454'
F Nipple:	2-3/8		EUE 8RD	1.78	3454'
Mud Anchor:	2-3/8"	4.7#, J-55	EUE 8RD	2.441/2.347	3476'

Pump: 2" x 1-1/4" x 12'3" RHAC-Z w/ 12" strainer nipple
Rods: 1 ¾" x 4', 137 ¾" x 25', 1 ¾" x 8', 1 ¾" x 6', 1 ¾" x 2' – Class D
Polished Rod: 1 1-1/4" x 22'

Artificial lift on well: BPU

PROCEDURE:

1. Hold pre-job safety meeting.

2. MIRU workover rig and air packages. Remove polished rod from carrier bar. ND stuffing box. Load tubing as necessary to keep from gassing. Use 1% KCl fluid or clean coal produced water. Minimize the amount of fluid dumped on the formation.

3. Pull stuck pump and stand back rods. Look for indications of scale, corrosion or wear. Determine if scale, coal fines and/or tar is the reason for the stuck pump.

4. Install BPV to isolate tubing.

5. ND wellhead, NU BOP with cavitation spool and blooie line(s) for cleanout under cavitation conditions.

6. Test blind and pipe rams per COP Well Control Manual.

7. Blow down backside of well to atmosphere. Pump only the minimum volume of water down the backside as necessary to control well. Use only clean 1% KCl fluid or non-contaminated produced fluid.

8. PU and remove hanger and BPV. POOH standing back 2-3/8" tubing. Lay down gas anchor assembly.

9. Pick up spear for 5-1/2" 15.5# liner and jars, 400+' of 3-1/2" collars, 2-7/8" American Open Hole Drill pipe. GIH to liner top and engage liner hanger. Pull to release liner hanger. POOH and lay down liner. Note: The liner hanger is a Baker 7" x 5-1/2" SLP-R Hanger with steel sleeve. It is designed for straight pull release.

10. Pick up 6-1/4" bit. Go in hole and clean out to TD using air mist. Make several short trips to insure the wellbore is clean. If approval is has been obtained, deepen the well 50'. Run a pitot test to determine producing rate.

11. If well conditions allow, RIH with 9-1/2" under-reamer and under-ream hole from the 7" shoe to TD. Make short trips to insure hole is clean. Run a pitot test to determine producing rate. Note: If much fluid was lost to the hole during the under-reaming process, and depending on the pitot test, do a few natural surges to clean up the well, then condition hole to run liner. POOH.

12. Change BOP rams as necessary. Pick-up 5-1/2" TIW LA Set shoe 8RFL box bladed shoe, approximately 400' of 5-1/2" 15.5# J-55 LTC casing, and a 5-1/2" TIW H-Latch Set Collar Top 8RFL pin. RIH with J-Lug setting tool and Swab assembly. Set liner at TD. Circulate down if necessary. POOH laying down drill pipe and setting tool. Note: if approval to deepen the well was not approved, less liner can be run.

13. Rig up perforating company. RIH and perforate liner 3137'-39', 3163'-67', 3171'-75', 3179'-83', 3227'-32', 3238'-42', 3244'-48', 3294'-3300', 3303'-08', 3321'-24', 3326'-32', 3428'-30', 3433'-38', 3438'-43' at 4 SPF.

14. RIH with mud anchor assembly and 1.78" F nipple on 2-3/8" production tubing as follows:

    Bottom to Top:

    2-1/16" notched collar
    2-1/16" seating nipple
    2-1/16" by 2-3/8" crossover
    1 joint 2-3/8" tubing with ½" hole drilled just below the upper upset
    2-3/8" F-nipple (1.78" ID).
    2-3/8" EUE tubing to surface

15. Land tubing with F nipple at approximately 3460' or slightly deeper to space out. Set BPV in tubing hanger.

16. ND BOP. Install B-1 adapter.

17. NU sucker rod wellhead assembly. Pull BPV.

18. RIH with re-built 1-1/4" insert pump on three 1-1/4" sinker bars and new 3/4" rods with required pony rods to space out pump for a pumping unit stroke length of 64".

    Bottom To Top

    1" x 8' x .012" screened strainer nipple
    2" x 1-1/4" x 12' rebuilt "standard COP pump"
    three 1-1/4" sinker bars
    Norris 3/4", Type 54, API Grade D rods
    1-1/4" x 22' polished rod

19. Load tubing with water and test tubing to 500 psig. Stroke pump to 500 psig and tie polished rod to pumping unit (if unit is on location). Verify well pumps up before moving out. If pumping unit is not on location, land pump so it is just barely stacked out.

20. Notify the Expense Project Lead (David Cantrell 505-486-1902) that the well is ready to be re-started. Since we are running sinker bars during this job, the pumping unit will need to be re-balanced after the rig moves.