

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
May 27, 2004

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO.	30-039-21226
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name SAN JUAN 29-6 UNIT	
8. Well Number	55A
9. OGRID Number	217817
10. Pool name or Wildcat	BLANCO MESAVERDE

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

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

2. Name of Operator
ConocoPhillips Company

3. Address of Operator
PO BOX 4289
Farmington, NM 87499

4. Well Location
Unit Letter C : 900 feet from the NORTH line and 1460 feet from the WEST line
Section 18 Township 29N Range 6W NMPM County RIO ARriba

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
6370 GR

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____

Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: Casing Repair ☒

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

ConocoPhillips proposes to test casing, isolate leak and repair as per the attached procedure.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOC guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Juanita Farrell TITLE Regulatory Specialist DATE 09/22/2006

Type or print name Juanita Farrell E-mail address: juanita.r.farrell@conocophillips.com Telephone No. (505)326-9597

For State Use Only

APPROVED BY: A. Villanueva TITLE DEPUTY OIL & GAS INSPECTOR, DIST. 4 DATE SEP 26 2006

Conditions of Approval (if any):

B 9/29



San Juan Workover Procedure

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

WELL: SJ 29-6 #55A (LS/MV)

Objective: Pull rods and tubing; set CIBP and test for casing leak with packer. If a casing leak is discovered, the leak will be sealed off with a 4-1/2" liner and the pumping unit restarted in order to restore production.

San Juan Workover 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 before any doing any cementing work.

Ensure that well is shut in, energy isolated, locked and tagged out; Cathodic protection disconnected. Record SI tbg; SI csg: Bradenhead pressures.

Test Casing

1. Notify Lease Operator, Lucas Longacre (cell # 505-486-1904) of intent to move on well. Hold pre-job Safety Meeting. Check anchors for recent inspection. Last time rig was on location – 05/2005.
2. MI RU workover rig.
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. Well should be dead or blow down rapidly due to casing leak, but if necessary, kill well w/ 2% KCL water. ND wellhead and NU BOPE (Class 2 (3M) manual BOPE is sufficient) with spool equipped with 3000 psi outlet threaded or flanged double ball or gate valves below BOPE. The well is a Class 1, Category I well. Refer to COPC Well Control Manual, Sec. 6 for BOPE requirements.
5. POOH w/ rods and insert pump and LD. Visually inspect rods and discard those that appear corroded or damaged. Inspect couplings for indication of rod wear on the tubing. Save the serviceable rods for future use on this well at the end of the job.
6. Unseat tbg hanger & LD. Add 2 or 3 joints of tubing to check for fill. Note fill depth and POOH w/ 2-3/8" tubing & BHA. Visually inspect tubing for signs of corrosion or scale and note any holes in the tubing. If scale is present, collect a sample for analysis. Stand back the first 77 joints of tubing (for future use) and LD all joints below that. The bottom 94 joints will be replaced. Clean and set aside screen for future use.
7. Round-trip a 7" casing scraper to TOL at 2503' RKB and tag TOL. Take care to tag TOL *gently* and note depth of TOL. Round-trip 4-1/2" casing (liner) scraper to 4900'.
8. RIH and set a 4-1/2" RBP at +/- 4800'. TIH with and set 4-1/2" full bore packer at 4750'. Test RBP to 500 psi for 10 minutes. Unset packer and move uphole to 2525', just below TOL at 2503'. Load the casing with 2% KCl water and test to 500 psi for 10 minutes. The casing should leak. Set packer and test liner to 500 psi for 10 minutes.

9. POOH w/ 4-1/2" packer and RIH w/ 7" packer. Set packer at 2485' +/- and test TOL to 500 psi for 10 minutes. Unset and POOH w/ packer if TOL test holds.
10. If casing leaks, POOH w/ packer (assuming the liner held) and LD. Establish an injection rate into the leak. Do not exceed 1500 psi.
11. If a casing leak is not found, notify engineer immediately.
12. RIH and Retrieve RBP and POOH.
13. RIH w/ a 4-1/2" wireline-set Owen CIBP and set at 2535' in the 4-1/2" liner to act as a barrier for the cement.

Tie Back and Cement 4-1/2" Liner

14. If a leak is found, a 4-1/2" liner will be run. PU and RIH w/ a tapered mill for 4-1/2" 10.5# casing to dress off the ID and liner top at 2503' to prepare for accepting the Baker Hughes lead seal. POOH and ND BOPE.
15. Cut 7" casing as low as possible. NU 3000 psi 7" x 4-1/2" tubing head w/ dual 3000 psi threaded outlet valves. NU BOPE. Install 4-1/2" hydraulic casing slips (Contact: Lee Whiting @ Baker Hughes, 505-325-0216).

+ 5 days - ocd

Notify COPC and BLM personnel at least 24 hours before cementing and 4 hours before running casing so cement job may be observed if necessary.

16. PU and RIH w/ a Baker 4-1/2" x 7" lead seal and bell-shaped skirt (to swallow top joint of existing liner), 4-1/2" insert float valve, float shoe, and 4-1/2" 10.5# K-55 casing (liner). Run 4-1/2" x 7" casing centralizers on joint numbers 21, 27, and 33. Tag liner *gently* at 2503' RKB. Pick up liner +/- 2'.
17. Be sure at least 300 bbls of water still remain on location. RU cementing service company (Halliburton). Conduct a safety meeting. NU cement manifold and wiper plug launcher to the top of the 4-1/2" liner with an adapter and surface lines to the outlet valve on the 7" x 4-1/2" tubing head for circulation back to the pit. Load 4-1/2" wooden wiper plug.
18. Pump 2% KCl water down 4-1/2" casing and up the 7" annulus and establish circulation to pit. Calculated volume is 90 bbls., given an empty hole.
19. Mix and pump cement according to attached Halliburton cementing proposal.
20. Drop wooden wiper plug and displace cement to insert float valve with 40 bbls of 2% KCl water. Bump plug to 1000 psi over treatment pressure.
21. Release pressure on 4-1/2" casing to verify that float valve is holding. RD cement manifold and wiper plug launcher. RD cementers.
22. As soon as possible after cementers RD their manifold, PU liner and record string weight. RIH w/ 4-1/2" liner and set lead seal on existing liner top. Energize lead seal with +/- 13,000 lbs of string weight. Set hydraulic casing slips with +/- 13,000 lbs of weight on the lead seal. Packoff 4-1/2"

liner in 7" x 4-1/2" tubing head and secure wellhead. Note on report hook weight with 13,000 lbs on seal and the volume of cement circulated to surface in cubic feet and barrels.

23. WOC at least 24 hours.

Drill Out Cement and Bridge Plug and Clean Out to TD

24. NU Class 2 (3000#) manual BOPE with spool equipped with 3000 psi outlet threaded or flanged double ball or gate valves below BOPE. NU tall stripping head with outlet valve. BOPE will conform to COPC Well Control Manual.

25. RU A/F drilling unit and power swivel. PU and RIH w/ 3-7/8" bit, sub, DC's, x-over, and 2-3/8" J-55 tubing to approximately 2500'. Establish circulation and circulate fluid out of wellbore while RIH with BHA. DO wooden wiper plug and cementing insert float valve. Fill wellbore with water and test liner and cement job to 500 psi for 30 minutes.

26. RIH w/ drill string, circulating fluid out of wellbore with air, DO CIBP's and descend to TD and clean out any fill or junk. POOH w/ bit and DC's, LD bit and DC's.

Run Tubing and Rods

27. Make up muleshoe collar, 1 joint of 2-3/8" tubing, sand screen (original), and 1.78" F nipple. RIH w/ BHA on 2 3/8" tubing, tag PBTD (5622') to check for additional fill. If fill is significant, contact engineer and a decision will be made whether or not to TOH and CO. Pull up hole and land bottom of 2-3/8" cover joint at +/- 5585' RKB. Rabbit tubing with 1.901" diameter drift bar – adhere to attached Tubing Drift Check Procedure.

Note: Apply pipe dope to pin ends only and minimize amount used.

28. RIH w/ 1-1/4" insert pump and type "D" rods.

29. ND BOP. NU WH and leave WH in operational state.

30. Close water line (tubing) valve and long-stroke pump to 500 psi to verify that pump is operational.

31. RDMO rig. Turn well over to production. Notify Operator. Lucas Longacre (505-486-1904). Operator will coordinate pumping unit startup.

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

Engineer:

Mike Megorden

**Phone #
Cell #**

**505-324-5142
719-650-6726**