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1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

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

Form C-103
Jun 19, 2008

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.)		WELL API NO. 30-039-24807
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator ConocoPhillips Company		6. State Oil & Gas Lease No. E-2893
3. Address of Operator P.O. Box 4289, Farmington, NM 87499-4289		7. Lease Name or Unit Agreement Name San Juan 29-6 Unit SWD
4. Well Location Unit Letter P : 350 feet from the South line and 350 feet from the East line Section 2 Township 29N Range 6W NMPM Rio Arriba County		8. Well Number 301
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6434' GR		9. OGRID Number 217817
		10. Pool name or Wildcat Morrison Bluff Entrada

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 ☐
DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:

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

OTHER:

TBG 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 Company requests permission to perform a tubing repair on the subject well per the attached procedure.

RCVD FEB 3 '11

OIL CONS. DIV.

DIST. 3

Spud Date:

Rig Released Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Cristal Tafoya TITLE Staff Regulatory Technician DATE 2/2/2011

Type or print name Crystal Tafoya E-mail address: crystal.tafoya@conocophillips.com PHONE: 505-326-9837

For State Use Only

Deputy Oil & Gas Inspector,

APPROVED BY: Kelly G. Roldan TITLE District #3 DATE FEB 14 2011

Conditions of Approval (if any):

Notify NMOCD 24 hrs
prior to beginning
operations

AS

ConocoPhillips
SAN JUAN 29-6 UNIT 301 SWD
Expense - Repair Tubing

Lat 36° 44' 53.664" N

Long 107° 25' 26.148" W

PROCEDURE

Note: Prior rig moving on location, slickline well with gauge ring and tag fill depth.

1. Hold pre-job safety meeting. Comply with all NMOC, BLM, and COPC safety and environmental regulations. Test rig anchors prior to moving in rig.
2. Move in and rig up work over rig. Check casing, tubing, and bradenhead pressures and record them in Wellview.
3. Rig up blow lines from casing valves and begin blowing down casing pressure. Kill well with weighted fluid (NaCl).
4. Nipple down wellhead and nipple up blow-out preventers. Pick up tubing and attempt to unsting seal assembly (80-40 E-22 anchor tubing seal assembly with two seal units) from packer (85-40 Baker packer FB-1 latch-in type at 8354'KB) by rotating to the right and pulling together. If unable to unsting the seal assembly from packer, rig up slickline and run in hole with a rattle shot/back-off shot and engage tool help free seal assembly. However, if seal assembly won't unsting from packer, rig up wireline to run free point survey tool to determine point to cut tubing from seal assembly. Run in hole with chemical cutter to the determined free point and cut tubing from seal assembly/packer.

5. Trip out of hole with tubing (details below) and lay down entire string .

Number	Description
273	3-1/2" 9.3# N-80 internally plastic coated tubing joints (8291.97')
1	3-1/2" x 2.81"ID F-Nipple (1.05')
1	3-1/2" 9.3# N-80 internally plastic coated tubing joint (Length dependant upon free point survey)

Record findings in Wellview of tubing condition. **Make note of corrosion, scale, or paraffin and save a sample to give to the engineer for further analysis.**

6. Pick up 2 7/8" American Openhole (AOH) workstring and run in hole with fishing tools (overshot/grapple/jars) and try to engage tubing stem/seal assembly. Pull out of hole with tubing stem/seal assembly and lay down fishing tools. **Take pictures of seal assembly and send seals from E-22 anchor tubing seal assembly in to production engineer for seal analysis.**

Note: Packer milling/retrieving operations should be commenced in the morning to prevent intermittent milling/retrieving of the packer.

7. Pick up and trip in hole with packer milling/retrieving tools (PRS packer retrieving spear, an extension, mill body, replaceable mill or long rotary shoe) for a 85-40 Baker packer FB-1 latch-in type at 8354'KB, and mill upper slips. Trip out of hole and lay down packer milling/retrieving tools with packer bore (2.53'), seal bore extension (9.60'), crossover sub (0.60'), tubing sub (8.20'), 2.75"ID F-nipple (0.85'), cut off tubing sub (4') .

8. Run in hole with 6 1/4" bit with string mill to cleanout the inside diameter of the production casing and remove any fill that has accumulated on top fish (1/2 pup joint, R-nipple and re-entry wireline guide=5.53'). Clean out wellbore.

9. Run in hole with retrievable bridge plug at 8424' and load casing with NaCl and perform casing integrity pressure test. **Pressure up to 400 psig on a 2 hour chart for 30 min. Contact production engineer with results and then proceed to isolate possible failure.**

10. Run in hole with casing inspection log and log well from 8454' to 8254 (200' for packer setting depth). **Contact production engineer with results from casing inspection log.**

11. Trip out of hole with retrievable bridge plug and circulate wellbore clean. Run in hole with new floating packer with **R-profile plug in bottom R-nipple** and set packer within 100' of the top of Bluff perforations at 8354'. Setting depth will be determined from casing inspection.

12. Trip in hole with tubing seal assembly and sting in to floating packer and set compression weight to the required load. Monitor pressure once tubing seal assembly is stung in packer as follows:

Number	Description
273	3-1/2" 9.3# N-80 TK-99 internally plastic coated tubing joints (Dependant upon landing depth after casing inspection log)
1	seal assembly

13. Roll hole with packer fluid (2% KCl and Champion Packer Chemicals) from Champion into tubing/casing annulus. Run slickline to set plugs, to test the tubing and test the seals in the
14. Run slickline to set plugs, to test the tubing and test the seals in the seal assembly. Once the tubing/seals of seal assembly test pull test plugs and perform a mechanical integrity test on casing-tubing annulus, pressuring up to 400 psig for 30 min on a 2 hour chart recorder. **Contact NMOC/BLM to witness MIT.**
15. Rig up slickline and fish R-profile plug from bottom R-nipple.
16. Nipple down blow-out preventers and nipple up wellhead. Rig down and move off location.
17. Notify SWD supervisor and production engineer when the well is ready to be returned to normal saltwater disposal injection.



Current Schematic

Well Name: SAN JUAN 29-6 UNIT #301 SWD

API/Unit 3003924807	Surface Legal Location NMPM-29N-06W-02-P	Field Name EN	License No.	State/Province NEW MEXICO	Well Configuration Type Vertical	Edit
Ground Elevation (ft) 6,434.00	Original KIRRT Elevation (ft) 6,452.00	KIR-Ground Distance (ft) 18.00	KIR-Casing Flange Distance (ft)	KIR-Tubing Hanger Distance (ft)		

Well Config: Vertical - Original Hole, 2/1/2011 6:22:19 PM

ftKB (MD)	Schematic - Actual	From Final
18		
486		
2,466		OJO ALAMO, 2,466
2,682		
2,709	Top of Hyflo II Liner Hanger with Packoff at 3333'KB	Intermediate 1 Casing Cement, 18-2,709, 8/6/1990, Stage 2: Lead 1837 sacks
3,065	Tubing Joints (internally plastic coated), 3 1/2in, 9.30lbs/ft, N-80, 18 ftKB, 8,310 ftKB	Haliburton Light Cement, Tail 200 sacks Class B; circulated 600 sacks to surface.
3,333	F-Nipple, 3 1/2in, 9.30lbs/ft, N-80, 8,310 ftKB, 8,311 ftKB	
3,342		
3,415	Tubing Joint (internally plastic coated), 3 1/2in, 9.30lbs/ft, N-80, 8,311 ftKB, 8,342 ftKB	
3,498	Locator Sub, 3 1/2in, 9.30lbs/ft, N-80, 8,342 ftKB, 8,343 ftKB	Intermediate 1 Casing Cement, 2,709-3,536, 8/6/1990, Stage 1: Lead 240 sacks
3,536	Seal Unit, 3 1/2in, 9.30lbs/ft, N-80, 8,343 ftKB, 8,345 ftKB	Haliburton Light Cement, Tail 500 sacks Class B; good circulations throughout stage: (TOC 2588.16 using 75% eff. calc.)
5,248	Spacer Tube, 3 1/2in, 9.30lbs/ft, N-80, 8,345 ftKB, 8,351 ftKB	
5,580	Seal Unit, 3 1/2in, 9.30lbs/ft, N-80, 8,351 ftKB, 8,353 ftKB	
5,922	Mule Shoe, 3 1/2in, 9.30lbs/ft, N-80, 8,353 ftKB, 8,354 ftKB	
5,970		
5,975	Baker Packer (FB-1) (Latch in type), 6.275in, 9.30lbs/ft, N-80, 8,354 ftKB, 8,356 ftKB	Intermediate Casing 2 Cement, 3,333-5,972, 8/15/1990, Lead 940 sacks 50/50 POZ, Tail 100 sacks Class B; did not circulate during job.
6,768	Seal Bore Extension, 3 1/2in, 9.30lbs/ft, N-80, 8,356 ftKB, 8,366 ftKB	
7,970		
8,311	Cross Over Sub, 3 1/2in, 9.30lbs/ft, N-80, 8,366 ftKB, 8,366 ftKB	
8,343		
8,351	Tubing Sub, 3 1/2in, 9.30lbs/ft, N-80, 8,366 ftKB, 8,374 ftKB	
8,353	F-Nipple, 3 1/2in, 9.30lbs/ft, N-80, 8,374 ftKB, 8,375 ftKB	
8,365		
8,374	4' Cut off Tubing Sub, 3 1/2in, 9.30lbs/ft, N-80, 8,375 ftKB, 8,381 ftKB	
8,382		
8,508	Hydraulic Fracture, 11/21/1990, Frac'd Bluff with 9,895 bbbls 40# x-linked gel and 780,000# 20/40 sand.	Bluff, 8,474-8,661, 11/18/1990
8,818	Hydraulic Fracture, 11/16/1990, Frac'd Entrada with 9,950 bbbls 40# x-linked gel and 800,000# 20/40 sand.	Entrada, 8,871-8,971, 11/12/1990
8,971		Unknown Fill, 9,093-9,106, Coil Tubing tagged up at 9093'KB
9,093		Chinle, 9,100, 11/12/1990
9,105		Fish, 9,105-9,111, Cut tbg sub above profile nipple (1/2 of pup jt, R-Nipple and Re-entry Wireline Guide, 5.53')
9,111	PBTD, 9,111	
9,117		Production Casing Cement, 5,973-9,205, 9/12/1990, 1525 sacks Class G; good circulation then lost returns. (TOC 5973'. CBL 11/1/1990)
9,205	TD, 9,205, 9/12/1990	