

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

**OIL CONSERVATION DIVISION**

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.

**30-045-27935**

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

**E-5113-21**

7. Lease Name or Unit Agreement Name

**San Juan 32-8 Unit (SWD)**

8. Well Number

**301**

9. OGRID Number

**217817**

10. Pool name or Wildcat

**Morrison Bluff Entrada**

**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 4298, Farmington, NM 87499**

4. Well Location

Unit Letter **L**

: **1643**

feet from the

**South**

line and

**1006**

feet from the

**West**

line

Section **16**

Township **31N**

Range **8W**

NMPM

**San Juan**

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

**6621'GL**

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

**NOTICE OF INTENTION TO:**

PERFORM REMEDIAL WORK ☒

TEMPORARILY ABANDON ☐

PULL OR ALTER CASING ☐

DOWNHOLE COMMINGLE ☐

PLUG AND ABANDON ☐

CHANGE PLANS ☐

MULTIPLE COMPL ☐

OTHER: ☐

**SUBSEQUENT REPORT OF:**

REMEDIAL WORK ☐

COMMENCE DRILLING OPNS. ☐

CASING/CEMENT JOB ☐

ALTERING CASING ☐

P AND A ☐

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.

RCVD OCT 4 '10

OIL CONS. DIV.

DIST. 3

Attached is the Action Plan to address back side pressure with wellbore schematic and well history.

SPUD DATE:

RIG RELEASE DATE:

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

SIGNATURE

*Rhonda Rogers*

TITLE

**Staff Regulatory Technician**

DATE

**9/30/10**

Type or print name

**Rhonda Rogers**

E-mail address:

**rrogers@conocophillips.com**

PHONE:

**505-599-4018**

**For State Use Only**

**Deputy Oil & Gas Inspector,**

**District #3**

APPROVED BY

*Kelly G. Boats*

TITLE

DATE

**OCT 19 2010**

Conditions of Approval (if any):

\* SEE WRITTEN CONDITIONS IN PROCEDURE

## ConocoPhillips Action Plan

### San Juan 32-8 #301 SWD

The charts are indicating that there is a potential issue resulting in casing pressure; however, the charts are inconclusive in determining what the exact problem is. COP proposes the following diagnostic work to occur within 30 days of NMOCD approval of this document:

1. Conduct an MIT to test the casing. RU pump truck to casing and pressure up to 560 psig. Record for 30 minutes on a 2 hour chart with a 1,000# spring. If MIT passes, move on to the next step. If MIT fails, COP will commence planning for remedial work to repair the casing. NOTIFY  
NMOCD 24  
HOURS PRIOR
2. Rig-up slick-line unit. Set a test plug in the upper X-nipple @ 8,196'. Test tubing to 1,000 psig. If tubing passes pressure test, move on to the next step. If tubing fails pressure test, COP will commence planning for remedial work to repair the tubing.
3. Set a test plug in the lower XN-nipple @ 8,245' to test the seal assembly to packer seal. If pressure test passes, move on to the next step. If pressure test fails, one of the following options in conjunction with the NMOCD may be considered to resolve the leaking seals:
  - Provide a secondary seal by installing an Internal Isolation Tool Assembly.
  - Pump high viscosity Teflon sealer to seal the seal assembly.
  - Increase compression on the tubing string.
  - Pull the tubing and change the seals on the seal assembly (contingent on the results of an ongoing elastomer study).
4. If the seal assembly passes a pressure test in static conditions, conduct and document bleed off testing over a 2 week period during normal injection operations. Prior to bleed down, the casing pressure will be recorded. The pressure will be bled down and the amount of fluid recovered will be measured. If the seal assembly passes this testing, ConocoPhillips will work with the NMOCD for approval of one of the following options:
  - Grant an exception to the rule requiring zero pressure on the casing/tubing annulus. Pressure accumulation and dissipation during normal injection and shut in cycles is the result of thermal expansion of the fluids and tubulars in the wellbore.
  - Allow for the casing/tubing annulus to be capped with an inert fluid (nitrogen) that can be pressure regulated to dampen the effect of pressure accumulation due to the thermal expansion of the annular fluid.
  - Allow for the control of the thermal expansion effects during the daily injection and shut in cycles with the installation of an accumulator.

MEET WITH  
NMOCD PRIOR  
TO PROCEEDING

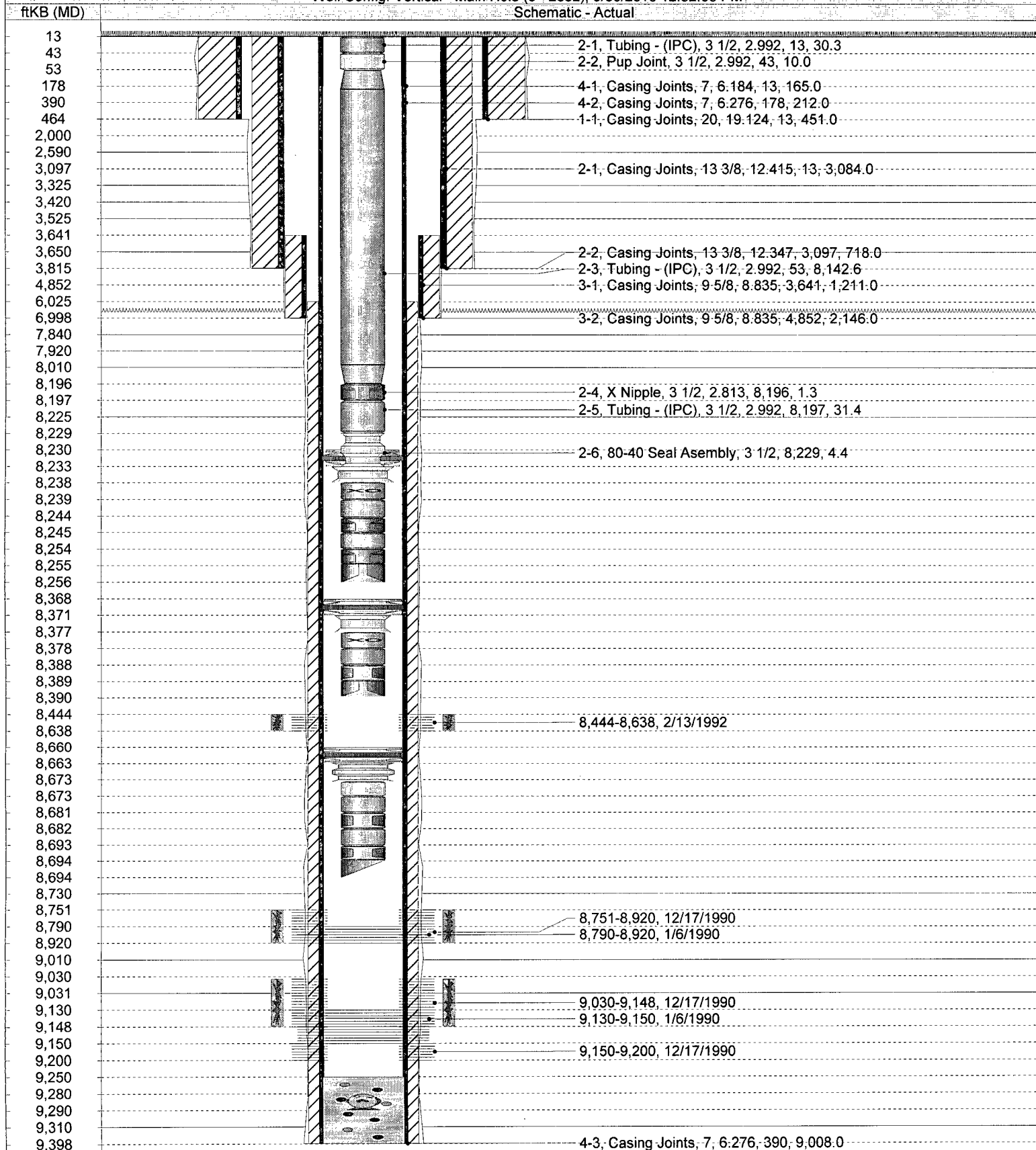
# Schematic - Current

## SAN JUAN 32-8 UNIT #301 SWD

### Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Actual Start Date	End Date
WELL INTERVENTION	Repair Downhole Failure	Tubing Repair	4/25/2006	6/12/2006

Well Config: Vertical - Main Hole (0 - 2852), 9/30/2010 12:32:08 PM



# ConocoPhillips' SWD Wells

## Workover Histories

### San Juan 32-8 #301

Date	Activity	Days	Workover Cost, (M\$)
12/27/1990	Drilled & completed in the Bluff & Entrada formations.		
2/16/1992	Morrison Perf & Frac	15	247.3
8/11/2005	Step Rate Test	1	12.2
4/25/2006	Failed MIT. New packer was set above the two existing packers downhole.	29	516.6
5/22/2010	Wireline was run in May, 2010 to determine if the packer was failing. Plug was set in the XN – tbg blew down 5 minutes then went to 2,300 psi – wireline diagnostic was unsuccessful.	1	15.0
9/30/2010	MIT scheduled. Results pending.		
10/7/2010	Scheduled date for tubing test.		
10/11/2010	Commencement date for bleed off testing.		