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District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
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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

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. 30-039-82385
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-2892-4
3. Address of Operator P.O. Box 4289, Farmington, NM 87499-4289		7. Lease Name or Unit Agreement Name San Juan 29-5 Unit
4. Well Location Unit Letter <u>H</u> : <u>1650'</u> feet from the <u>North</u> line and <u>990'</u> feet from the <u>East</u> line Section <u>16</u> Township <u>29N</u> Range <u>5W</u> NMPM Rio Arriba County		8. Well Number 23
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6709' GL		9. OGRID Number 217817
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>		10. Pool name or Wildcat Blanco Mesaverde
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:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input checked="" type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

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 pull tubing and packer, remove tubing obstruction, replace any bad joints, squeeze off possible casing leak per the attached procedures.

RCVD MAR 25 '08

OIL CONS. DIV.

DIST. 3

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 Tamra Sessions TITLE Reg Tech DATE 3/25/2008

Type or print name Tamra Sessions E-mail address: sessitd@ConocoPhillips.com Telephone No. 505-326-9834

For State Use Only

APPROVED BY: A. Villanueva TITLE Deputy Oil & Gas Inspector, District #3 DATE MAR 26 2008
Conditions of Approval (if any): B

ConocoPhillips
San Juan 29-5 Unit #23 (MV)
Repair Casing Procedure

Lat 36° 43' 41.556" N **Long** 107° 21' 23.754" W

Prepared By: Krista McWilliams Engineer Date: 3/17/08
BAE Peer review/approved By: Kelly Kolb Date: 3/24/08

Scope of work: The intent of this procedure is to trip out of hole with tubing and packer, remove tubing obstruction, replace any bad joints, squeeze off casing leak, clean out fill if necessary and return the well to production.

Est. Cost:

Est. Rig Days: 8

WELL DATA:

API: 300398238500

Location: 1650 FNL & 990 FEL, Unit H, Section 16– T29N – R05W

PBTD: 6038' **TD:** 6045'

Perforations: 5549'-5953' (MESAVERDE)

Well History:

The San Juan 29-5 Unit #23 is capable of producing approximately 120 MCFD and is currently not producing. It was spud on March 27, 1961. In May of 1968 a casing leak was discovered at 3886' in the 2-7/8" production casing while running a continuous Flow meter Production Log to determine what perforations were producing the largest percent of gas. A collar locator was then used to determine that the leak was at a collar at 3886'. A packer was set in the well to isolate the leak from the production zone. A rig has not pulled the tubing since 1968. The well fell off production about a year ago and the tubing is plugged off. Notes in the well file show that the tubing is expected to be parted and may need to be fished out. It is intended to trip out of hole with the tubing and packer, remove the obstruction, replace any bad joints, squeeze off the casing leak, clean out fill if necessary and return the well to production.

B2 Adapters are required on all wells other than pumping wells.

Artificial lift on well (type): N/A

Est. Reservoir Pressure (psig): 800 (MV)

Well Failure Date: 12/01/2006

Current Rate (Mcf/d): 0

Est. Rate Post Remedial (Mcf/d): 120

Earthen Pit Required: YES

Special Requirements: 1-1/4" 2.33# IJ J-55 production tubing string (use yellow band if available)
Weatherford Slimhole rental drillstring will be needed (1-13/16" HSL4.19# N-80)

BAE Production Engineer: Krista McWilliams, Home: (505)334-3096, Cell: (505)419-1627

BAE Backup: Pat Bergman, Office: (832)486-2358, Cell: (281)382-8103

MSO: Dion Randall Cell: (505)947-8417

Lead: Billy Schaaphok Cell: (505)320-2597

Area Foreman: Tom Lentz Cell: (505)320-4636

ConocoPhillips
San Juan 29-5 Unit #23 (MV)
Repair Casing Procedure

Lat 36° 43' 41.556" N **Long** 107° 21' 23.754" W

PROCEDURE:

1. Hold safety meeting. Comply with all NMOCD, BLM, and ConocoPhillips safety and environmental regulations. Test rig anchors prior to moving in rig. Last rig date was 1968.
2. MIRU. Check casing, tubing, and bradenhead pressures and record them in Wellview. RU blow lines from casing valves and begin blowing down casing pressure. Kill well with 2% KCL if necessary. ND wellhead, NU BOP.
3. Pull 1-1/4" tubing and attempt to release and pull National packer set in 1968. Be prepared for parted tubing. Consult with Fishing hand if necessary. Packer set @ 5411', PBTD @ 6038', tubing landed @ 5934' (13' KB), and Bottom Perf. @ 5953'.
Tubing detail as follows:
 (166 jts) 1-1/4" 2.33# IJ J-55 Tubing
 (1) National Packer set @ 5411'
 (16 jts) 1-1/4" 2.33# IJ J-55 Tubing
4. Visually inspect tubing and record findings in Wellview. Make note of corrosion or scale. Please notify engineer of any unusual findings. Remove obstructions, replace tubing as needed.
5. MIRU wireline. Run wireline 2-7/8" gauge ring to +/- 5540'. MU 2-7/8" composite bridge plug (CBP). RIH and set plug between 5499'- 5540' (TOC at 4020' by TS, top perforation at 5549'). ND wireline.
6. MIRU cementers. RU to run 2-7/8" wiper plug. Ensure 2-7/8" x 7" annulus is open to pit. Establish circulation rate. Circulate 100 sxs Type III cement (1.38 cuft/sk, 14.5 ppg) followed by wiper plug. Displace to squeeze hole. Once pressure increase is noted, shut down pumps and RDMO cementers. WOC.
7. TIH with drillstring and bit/mill and drill out cement to CBP but do not drill out plug.
8. Load hole with water and pressure test squeeze to 500 psi for 15 minutes. Call Superintendent and Production Engineer if pressure test fails.
9. Conduct Bradenhead test to make sure it will pass. If gas pressure is observed on the intermediate/production string annulus notify Production Engineer.
10. Drill out CBP and clean out to PBTD @ 6038'. TOOH with drillstring and bit.
11. TIH with production tubing (detail below). Recommended landing depth is @ 5920' +/- 10' (13' KB). TIH with tubing using Tubing Drift Check Procedure (tubing drift = 1.286" ID).

 (1) 1-1/4" Muleshoe with Expendable Check
 (1) 1-1/4" x 1.197" Seating Nipple
 (1 jt) 1-1/4" 2.33# J-55 IJ Tubing
 (1 jt) 1-1/4" x 2' 2.33# J-55 Pup Joint
 1-1/4" 2.33# J-55 IJ Tubing to surface

12. If fill is encountered, TIH and clean out to PBSD @ 6038'.
13. ND BOP. NU wellhead. Set standing valve, test tubing to 1500 psi, pull standing valve, pump off expendable check. Make swab run if necessary to kick off well. Notify lease operator that well is ready to be returned to production. RDMO.

Current Schematic

ConocoPhillips

Well Name: SAN JUAN 29-5 UNIT #23

API/UNL	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type	Edit
300398238500	NMPM-29N-05W-16-H	MV		NEW MEXICO	Vertical	
Ground Elevation (ft)	Original KB Elevation (ft)	KB-Gravel Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)		
6,709.00	6,722.00	13.00				

Well Config: Vertical - Main Hole (U - 1844), 3/17/2008 1 08 55 PM

