

Submit 3 Copies To Appropriate District  
Office 3  
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  
Jun 19, 2008

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

WELL API NO.

30-039-07502

5. Indicate Type of Lease

STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

San Juan 29-6 Unit

8. Well Number 48

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

P.O. Box 4289, Farmington, NM 87499-4289

4. Well Location

Unit Letter A : 990 feet from the North line and 990 feet from the East line

Section 35 Township 29N Range 6W NMPM Rio Arriba County

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

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 ☐

OTHER: ☒ MIT-Squeeze-Repair BH

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ P AND A ☐

CASING/CEMENT JOB ☐

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 requests to perform an MIT on production casing; run CBL; chemically cut production casing and squeeze cement behind intermediate casing to repair bradenhead per the attached procedure.

Attached: WB diagram

RCVD SEP 30 '08  
OIL CONS. DIV.

DIST. 3

Spud Date :

8/26/56

Rig Released Date:

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 NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE

Tracey N. Monroe

TITLE

Staff Regulatory Technician

DATE 9/26/08

Type or print name

Tracey N. Monroe

E-mail address: monrotn@conocophillips.com

PHONE: 505-326-9752

For State Use Only

Deputy Oil & Gas Inspector,

District #3

APPROVED BY:

John E. Roldan

TITLE

DATE

OCT 06 2008

Conditions of Approval (if any):

NOTIFY OCD AZTEC 24 HOURS PRIOR TO START OF OPERATIONS

**ConocoPhillips**  
**San Juan 29-6 Unit 48**  
**Bradenhead Repair/Casing MIT**

**Lat 36° 41' 11.868" N    Long 107° 25' 33.967" W**

**PBTD: 5670'**  
**KB: 11.5'**

**PROCEDURE:**

1. Hold pre-job safety meeting. Comply with all NMOCD, BLM and COPC safety and environmental regulations. Test rig anchors prior to moving in rig.
2. MIRU. Check casing, tubing and bradenhead pressures and record them in WellView.
3. RU blow lines from casing valves and blow down casing pressure. Kill well with 2% KCl if necessary.
4. ND WH and determine if wellhead has secondary seal. Perform wellhead seal test if secondary seal is present. If secondary seal has not been installed, install secondary seal and perform wellhead seal test. Notify engineer of results. NU BOP.
5. PU additional joint(s) as necessary to tag for fill. PBTD is at 5670', and EOT is at 5535'. Record fill depth in WellView and notify engineer of fill depth so tubing landing depth can be modified as necessary.
6. TOOH with tubing (detail below):
  - 177 – 2-3/8" 4.7# J-55 EUE tubing joints
  - 1 – 2-3/8" F nipple
  - 1 – 2-3/8" 4.7# J-55 EUE tubing joint
  - 1 – 2-3/8" expendable checkVisually inspect tubing and record findings in WellView. Make note of corrosion or scale. LD and replace any bad joints. If scale or paraffin is present, obtain a water sample for analysis and contact engineer.
7. RIH w/ composite bridge plug for 5-1/2" 14# casing on wireline and set at +/-3958' KB (50' above top perforation). Load hole w/ 2% KCl water (casing volume = 96.5 bbl) and pressure test casing to 500 psi.
8. Rig up loggers to run CBL. Run CBL with 500 psi on casing (if casing is capable of holding pressure). Begin logging at the CBP at 3958' and continue logging until a definite top of cement is identified. Report top of cement to engineer and provide copies of log for engineer as soon as possible.
9. If production casing failed MIT, TIH w/ packer and RBP to isolate casing failure(s). Once failures have been isolated, contact engineer for procedure to repair. After repair is completed, drill out, pressure test, and run another CBL to locate TOC. Report top of cement to engineer and provide copies of log for engineer as soon as possible.

10. If necessary, perforate squeeze holes and squeeze cement to ensure overlap of production casing cement and intermediate casing. Contact engineer for detailed procedure. An additional CBL will be required if this squeeze work is necessary. Report top of cement to engineer and provide copies of log for engineer as soon as possible.
11. RIH with chemical cutter and chemically cut casing +/-20' above TOC
12. Rig up to pull 5-1/2" casing, and TOO H w/ production casing.
13. RIH w/ RBP for 7-5/8" 26.4# casing on tubing and set 20' above casing cut off. Dump sand on top of RBP. Load intermediate casing w/ 2% KCl water (casing volume is 0.0471 bb/ft) and pressure test casing to 500 psi.
14. Rig up loggers to run CBL. Run CBL with 500 psi on casing (if casing is capable of holding pressure). Begin logging at the RBP and log to surface. Report top of cement to engineer and provide copies of log for engineer as soon as possible.
15. If intermediate casing failed MIT, TIH w/ packer to isolate failure(s). Once failure is located, notify engineer of depth and wait for instructions on how to proceed.
16. If intermediate casing passed MIT, shoot squeeze holes at depth specified by engineer as determined from CBL.
17. Depending on depth of failure/squeeze holes, TIH w/ packer and set +/-50' above top failure/squeeze hole. Establish two rates and pressures into hole(s). Attempt to establish circulation to surface. Report results of pressure/rate test and circulation attempt to engineer.
18. Pump cement at rate and pressure as determined from above results. Make sure that backside is loaded with water, and maintain 300-500 psi on the backside while pumping to avoid collapse of old casing. Monitor backside pressure while pumping.
19. Pump at least 100% excess cement or more as determined from results of tests in step 17. Do not mix cement at greater than 14-15 ppg. Once good cement is circulated to surface, close bradenhead and continue pumping to displace past packer. While displacing, monitor pumping pressure carefully to avoid shallow fracturing. If any significant pressure increase is seen during displacement, immediately stop pumping cement, release packer and reverse circulate to clean up.
20. If sufficient displacement past packer was achieved, leave packer in hole to allow cement to set up. If sufficient displacement past packer was not achieved, release packer and reverse circulate to clean up and TOO H immediately.
21. TOO H w/ packer and WOC.
22. TIH and tag TOC. Record tag depth. Drill out cement. Record depth of bottom of cement.
23. Load hole and pressure test to 500 psi for 30 minutes. Pressure test must be recorded on a 2 hour chart.
24. If pressure test held, circulate hole clean and TIH to retrieve RBP. TOO H w/ RBP.
25. TIH w/ 5-1/2" 14# casing mill and mill out CBP at 3958'. Continue tripping in hole to cleanout to PBTD @ 5670'.

26. TIH broaching production string as follows:  
179 – 2-3/8" 4.7# J-55 EUE tubing joints  
1 – 2-3/8" x 2' tubing sub  
1 – 2-3/8" 4.7# J-55 EUE tubing joint  
1 – 2-3/8" x 1.78" ID F nipple  
1 – 2-3/8" mule shoe/expendable check

Land tubing at +/-5598' KB with F nipple at 5596' KB.

27. Drop standing valve and pressure test tubing to 1000 psi.
28. Pump off expendable check and make swab runs as necessary to kick well off.
29. Notify MSO that well is ready to be returned to production, and RDMOL.

# CURRENT SCHEMATIC

ConocoPhillips

SAN JUAN 29.6 UNIT #048

District SOUTH	Field Name MV	API / UWI 300390750200	County RIO ARRIBA	State/Province NEW MEXICO	<a href="#">Edit</a>
Original Spud Date 8/26/1956	Surface Legal Location NMPM-29N-06W-35-A	E/W Dist (ft) 990.16	E/W Ref E	N/S Dist (ft) 990.16	N/S Ref N

Well Config: Vertical - Original Hole, 9/22/2008 9:31:29 AM

