

Submit 3 Copies To Appropriate District Office
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.

30-039-20456

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

E-289-36

7. Lease Name or Unit Agreement Name

San Juan 29-5 Unit

8. Well Number

60

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 : 1090 feet from the North line and 990 feet from the East line

Section 32 Township 29N Range 5W NMPM Rio Arriba County

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

6516' GR

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: Tubing 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 requests permission to perform a tubing repair on the subject well in order to comply with the NMOCD letter reference: RBDMS MPK 1104742718 per the attached procedure and current wellbore schematic.

Spud Date:

3/11/1972

Rig Released Date:

4/3/1972



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

SIGNATURE

Crystal Tafoya

TITLE

Staff Regulatory Technician

DATE

4/11/2011

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,
District #3

APPROVED BY:

Brandon Rell

TITLE

DATE

7/29/11

Conditions of Approval (if any):

W

ConocoPhillips
San Juan 29-5 Unit 60
Expense - Repair Tubing

Lat 36° 41' 10.866" N

Long 107° 22' 28.164" W

PROCEDURE

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. MIRU work over rig. Check casing, tubing, and bradenhead pressures and record them in Wellview.
3. RU blow lines from casing valves and begin blowing down casing pressure. Kill well with 2% KCl, if necessary.

Note: Secondary Seal Test indicated test port plug had pressure. There maybe pressure in the intermediate annulus from being charged.

4. ND wellhead and NU BOPE. PU and remove tubing hanger and tag for fill, adding additional joints as needed (tubing currently landed @ 7861 7', PBTD @ 7949'). Record fill depth in Wellview.

5. TOOH with tubing (details below).

Number	Description
253	2-3/8" 4.7# J-55 EUE tubing joints (7,849 18')
1	2-3/8"x1 780" ID F-Nipple (1.0')
1	Expendable Check Valve (1.0')

Use Tuboscope Unit to inspect tubing and record findings in Wellview. **Make note of corrosion, scale, or paraffin and save a sample to give to the engineer for further analysis.** LD and replace any bad joints. If needed, contact Rig Superintendent or engineer for acid, volume, concentration, and displacement volume.

6. RIH with a bit and string mill, cleanout to PBTD of 7949'. **Save a sample of the fill and contact engineer for further analysis.** TOOH. LD tubing bailer (if applicable). If fill could not be CO to PBTD, please call Production Engineer to inform how much fill was left and confirm/adjust landing depth.

7. PU packer and retrievable bridge plug for 4 1/2" 11.6# K-55 casing. RIH and set retrievable bridge plug at approximately **7670'KB (40' above top perforation)**. PU up one stand and set packer to test retrievable bridge plug.

8. Pressure test retrievable bridge plug with packer, if test fails unset retrievable bridge plug and reset/retest. POOH with packer and reload well with 2% KCl water.

9. Confirm two barriers have been established. **Remove tubing head and inspect secondary seals. If no seal is found, contact Cameron to repair wellhead and install secondary seal. (Confirm 4 1/2" casing sealing with casing hanger).** NU tubing head and close intermediate/bradenhead valves. Keep shut in and monitor pressure.

10. Rig up Weatherford Wireline Services and log well for **GR/CCL/CBL** to confirm production casing cement top. (TOC at 4895.37 using 75% eff Calc)

11. **Casing Pressure Test.** Load well with 2% KCl water. **Pressure test the 4 1/2" casing to 560 psi for 30 min on a chart recorder with a maximum two hour clock and maximum 1000 pound spring with the intermediate and bradenhead valves open.** (Chart recorder calibrated within the six months prior conducting casing integrity test) **If the casing does not test, contact the rig superintendent and production engineer for instruction.**

12. RIH with tubing and cleanout fluid to prevent fallback on to perforations/formations once retrievable bridge plug is removed. Equalize pressure across the retrievable bridge plug, then release retrievable bridge plug and POOH with retrievable bridge plug.

13. TIH with tubing using Tubing Drift Procedure. (detail below).

Recommended

Tubing Drift ID	1.901"
Land Tubing At:	7862'
Land F-Nipple At:	7860'

Number	Description
1	2-3/8" mule shoe/expendable check
1	2-3/8"x1.780" ID F-Nipple
1	2-3/8" 4 7# J-55 EUE tubing joints (31.5')
1	2-3/8" 4.7# J-55 EUE tubing pup joints (2')
248	2-3/8" 4.7# J-55 EUE tubing joints (7793')
X	2-3/8" 4.7# J-55 EUE tubing pup joints (Pup Joints as necessary to achieve proper landing depth)
1	2-3/8" 4.7# J-55 EUE tubing joints (31.5')

14. If there is an air package on location, skip to the next step. Run standing valve on shear tool, load tubing, and pressure test to 500#. Monitor pressure for 15 mins, and make a swab run to remove the fluid from the tubing. Retrieve standing valve.

15. Perform/Document a BH Test on location and contact the rig superintendent and production engineer with test results.

16. ND BOPE, NU Wellhead. Pressure test tubing slowly with an air package as follows: pump 3 bbls pad, drop steel ball, pressure tubing up to 500 psi, and bypass air. Monitor pressure for 15 mins., then complete the operation by pumping off the expendable check. Note in Wellview the pressure in which the check pumped off. Notify the MSO that the well is ready to be turned over to Production Operations. Make swab run to kick-off the well, if necessary, then RDMO.

Tubing Drift Check

Procedure

1. Set flow control in tubing. With air, on location, use expendable check. With no air on location, use wire line plug.
 2. RU drift tool to a minimum 70' line. Drift tool will have an OD of at least the API drift specification of 1.901" for the 2 3/8", 4.7# tubing, and will be at least 15" long. The tool will not weigh more than 10# and will have an ID bore the length of the tool, so fluids may be pumped through the tool if it becomes stuck.
 3. Drop the tool into the tubing string and retrieve it after every 2 joints of tubing ran in hole. If any resistance to the tool movement is noticed, going in or out, that joint will be replaced.
 4. In order to stimulate the plunger lift operation, all equipment must be kept clean and free of debris.
- The drift tool should be measured with calipers before each job, to ensure the OD is the correct size for the tubing being checked. The maximum allowable wear of the tool is .003".

Current Schematic

ConocoPhillips

Well Name: **SAN JUAN 29.5 UNIT #60**

API/URL 3003920456	Surface Legal Location NMMPM-29N-05W-32-A	Field Name DK	License No	State/Province NEW MEXICO	Well Configuration Type Vertical	Edit
Grioted Elevation (ft) 6,516.00	Original KB/RT Elevation (ft) 6,526.50	KB-Grioted Distance (ft) 10.50	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)		

Well Config Vertical - Original Hole, 4/6/2011 6:47:54 PM

