

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. 30-039-29598 |
| 5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 6. State Oil & Gas Lease No. |
| 7. Lease Name or Unit Agreement Name San Juan 31-6 Unit |
| 8. Well Number 48F |
| 9. OGRID Number 217817 |
| 10. Pool name or Wildcat Basin DK/Blanco MV |

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 J : 1480 feet from the South line and 2125 feet from the East line
Section 2 Township 30N Range 6W NMPM Rio Arriba County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
6379' 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 ☐

SUBSEQUENT REPORT OF:

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

OTHER: ☒ Shut off water producing Zone

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 wishes to C/O to PBTD, replace any bad jts, test each producing interval for high water production and attempt to Shut off water producing zone per attached procedure and current schematic.

RCVD AUG 31 '10
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. 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 Jamie Goodwin TITLE Regulatory Technician DATE 08/30/2010

Type or print name Jamie Goodwin E-mail address: Jamie.L.Goodwin@conocophillips.com PHONE: 505-326-9784
For State Use Only

APPROVED BY: Kelly G. Pate TITLE Deputy Oil & Gas Inspector, District #3 DATE SEP 24 2010
Conditions of Approval (if any):

Notify NMOCD 24 hrs
prior to beginning
operations

AK

ConocoPhillips
SAN JUAN 31-6 UNIT 48F
Expense - Water Shut Off

Lat 36° 50' 18.276" N

Long 107° 25' 47.46" W

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 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.

4. ND wellhead and NU BOPE. PU and remove tubing hanger and tag for fill, adding additional joints as needed (tubing currently landed @ 7825', PBTD @ 7905') . Record fill depth in Wellview.

5. TOOH with tubing (details below).

| Number | Description |
|--------|------------------------------|
| 255 | 2-3/8" Tubing joint |
| 1 | 2-3/8" Pup Joint (2') |
| 1 | 2-3/8" Tubing Joint |
| 1 | 2-3/8" F-Nipple (ID 1.81") |
| 1 | 2-3/8" Mule Shoe (ID 1.995") |

Use Tuboscope Unit to inspect tubing and record findings in Wellview. Make note of corrosion or scale. LD and replace any bad joints. If needed, contact Rig Superintendent or engineer for acid, volume, concentration, and displacement volume.

6. If fill is tagged, PU bailer and CO to PBTD (7905'). If fill is too hard or too much to bail, utilize the air package. If fill could not be CO to PBTD call Production Engineer to inform how much fill was left and confirm/adjust landing depth.

7. PU and TIH with RBP & Packer for 4-1/2" 11.6# N-80 Casing, and set RBP @ 4950'. PUH and set Packer @ 4940', and pressure test RBP to 500 psi. Release Packer and test casing @ 500 psi for 30 minutes. Report results to engineer.

8. TIH with RBP and Packer. Set RBP @ 7730', and pull up and set Packer @ 7720' and pressure test RBP to 500 psi. PUH and set packer @ 5850', and Pressure test casing in this interval @ 500 psi for 30 minutes. Report results to engineer.

9. Retrieve RBP @ 7730', and Packer @ 5850.

10. TIH with tubing to 7825' and unload well. Swab if necessary, record time, fluid volume, and fluid levels. Produce well, monitor, and record water production for a 4 hour period. Contact Engineer with results.

11. TIH with RBP and packer. Set RBP @ 7900' and pull up and set Packer @ 7750' to test whole Dakota Interval. Unload well, and swab if necessary, record time fluid volume, and fluid levels. Produce well, monitor, and record water production for a 4 hour period. Contact Engineer with results.

12. Unseat Packer @ 7750', and reset Packer @ 7815'. Test Lower interval of Dakota, Unload well, and swab if necessary, record time fluid volume, and fluid levels. Produce well, monitor, and record water production for a 4 hour period. Contact Engineer with results.

12. Based on the water rates, further instruction will be given towards performing the water-shutoff.

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

Recommended

| | |
|-------------------|--------|
| Tubing Drift ID: | 1.901" |
| Land Tubing At: | 7825' |
| Land F-Nipple At: | 7824' |

| Number | Description |
|--------|----------------------------|
| 1 | 2-3/8" Mule shoe guide |
| 1 | 2-3/8" F nipple (ID 1.78") |
| 1 | 2-3/8" tubing joint |
| 1 | 2-3/8" Pup Joint (2') |
| 255 | 2-3/8" tubing joints |

**TUBING TALLY COULD CHANGE BASED ON
THE RESULTS OF THE WATER SHUT-OFF**

8. 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.

9. 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

SAN JUAN 31-6 UNIT #48F

| | | | | | |
|--------------------|------------------------|------------|---------------|----------------|---------------|
| District | Field Name | API / UWI | County | State/Province | Edit |
| NORTH | MV/DK COM | 3003929598 | RIO ARriba | NEW MEXICO | |
| Original Spud Date | Surface Legal Location | | E/W Dist (ft) | E/W Ref | N/S Dist (ft) |
| 10/8/2006 | NMPM-30N-06W-02-J | | 2,125.00 | E | 1,480.00 |
| | | | | | N/S Ref |
| | | | | | S |

Well Config: Vertical - Original Hole, 7/8/2010 6:49:16 AM

