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

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

Form C-103
Jun 19, 2008

WELL API NO. **30-039-21053**

5. Indicate Type of Lease STATE ☒ FEE ☐

6. State Oil & Gas Lease No. E-289-31

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)

7. Lease Name or Unit Agreement Name **San Juan 29-5 Unit**

1. Type of Well: Oil Well ☐ Gas Well ☒ Other

8. Well Number **71**

2. Name of Operator **ConocoPhillips Company**

9. OGRID Number **217817**

3. Address of Operator P.O. Box 4289, Farmington, NM 87499-4289

10. Pool name or Wildcat **Basin Dakota**

4. Well Location
Unit Letter **M** : **800** feet from the **South** line and **970** feet from the **West** line
Section **16** Township **29N** Range **5W** NMPM **Rio Arriba** County

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 6671' GR

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☒	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPNS.	☐	P AND A	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
DOWNHOLE COMMINGLE	☐						
OTHER:	☐			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 P&A the subject well per the attached procedure, current and proposed wellbore schematics.

RCVD OCT 1 '12
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.

SIGNATURE Dollie L Busse TITLE Staff Regulatory Technician DATE 9/28/12

Type or print name Dollie L. Busse E-mail address: dollie.l.busse@conocophillips.com PHONE: 505-324-6104

For State Use Only

APPROVED BY: TITLE Deputy Oil & Gas Inspector, District #3 DATE 10/10/12

Conditions of Approval (if any):

A

ConocoPhillips
SAN JUAN 29-5 UNIT 71
Expense - P&A

Lat 36° 43' 13.832" N **Long 107° 22' 4.404" W**

PROCEDURE

This project requires a NMOCD C-144 CLEZ Closed-Loop System Permit for the use of an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.

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. When an existing primary valve (i.e casing valve) is to be used, the existing piping should be removed and replaced with the appropriate piping for the intended operation.

3. RU blow lines from casing valves and begin blowing down casing pressure. Kill well with water, as necessary, and at least pump tubing capacity of water down tubing.

4. ND wellhead and NU BOPE. Pressure test and function test BOP. PU and remove tubing hanger.

5. TOOH with tubing (per pertinent data sheet).

Tubing: Yes **Size:** 2-3/8" **Set Depth:** 8040'

6. Round trip casing scraper to 7940' or as deep as possible. TOOH, lay down casing scraper. TIH and set cement retainer at 7924'. Test the tubing to 1000 psi. Load casing and pressure test casing to 800 psi. Spot and tag subsequent plugs as appropriate. Maintain 500 psi, if possible, in the casing and run a CBL in the 4-1/2" casing from the intermediate shoe to verify cement top. Change plug depths as appropriate.

All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Type II mixed at 15.6 ppg with a 1.18 cf/sk yield.

7. Plug 1 (Dakota, 7824-7924', 12 Sacks Class B Cement)
Load casing with water and attempt to establish circulation. Mix 12 sxs of class B cement and spot inside the casing above the cement retainer to isolate the Dakota perforations. PUH.

8. Plug 2 (Gallup, 6990-7090', 12 Sacks Class B Cement)
Mix 12 sxs of class B cement and spot a balanced plug inside the casing to isolate the Gallup formation top. PUH.

9. Plug 3 (Mancos, 6110-6210', 12 Sacks Class B Cement)
Mix 12 sxs of class B cement and spot a balanced plug inside the casing to isolate the Mancos formation top. PUH.

10. Plug 4 (Mesa Verde, 5165-5265', 12 Sacks Class B Cement)
Mix 12 sxs of class B cement and spot a balanced plug inside the casing to isolate the Mesa Verde formation top. PUH.

11. Plug 5 (Intermediate Shoe, 3889-3989', 12 Sacks Class B Cement)
Mix 12 sxs of class B cement and spot a balanced plug inside the casing to isolate the intermediate casing shoe. PUH.

12 Plug 6 (Pictured Cliffs, 3570-3670', 12 Sacks Class B Cement)
Mix 12 sxs of class B cement and spot a balanced plug inside the casing to isolate the Pictured Cliffs formation top. TOOH.

13. Cut the 4-1/2" production casing 10' above the TOC at 3390'. POOH and LD cut 4-1/2" production casing. If casing does not cut low or won't POOH, call rig superintendent and Area 24 production engineer for plan forward.

14. Run 7" casing scraper to the top of the 4-1/2" liner. If unable to reach the liner top, contact the rig superintendent and Area 24 production engineer for plan forward. Run CBL in the 7" casing to verify cement top. Change plug depths as appropriate.

15. Plug 7 (Liner Top, 3440-3340, 24 Sacks Class B Cement)
TIH. Mix 24 sxs of class B cement and spot a balanced plug inside the casing to cover the 4-1/2" liner top. Leave 4 sxs in the 4-1/2" liner and spot 20 sxs above the liner top inside the 7" casing.

16. Plug 8 (Fruitland, Kirtland, and Ojo Alamo, 2872-3302', 93 Sacks Class B Cement)
Mix 93 sxs of class B cement and spot a balanced plug inside the casing to isolate the Fruitland, Kirtland, and Ojo Alamo formation tops. TOOH.

17. Plug 9 (Nacimiento, 1002-1102', 55 Sacks Class B Cement)
Perforate 3 HSC squeeze holes at 1102'. RIH and set 7" cement retainer at 1052'. TIH with tubing and sting into cement retainer. Establish injection rate into squeeze holes. Mix 55 sxs of class B cement. Squeeze 26 sxs into the squeeze holes and leave 29 sxs in the casing to isolate the Nacimiento formation top. TOOH.

18. Plug 10 (Surface Casing Shoe and Surface Plug, 0-349', 139 Sacks Class B Cement)
Perforate 3 HSC squeeze holes at 349'. Establish circulation out the bradenhead with water and circulate the bradenhead annulus clean. Mix 139 sxs of class B cement and pump down the 7" casing to circulate good cement out the bradenhead Shut in well and WOC.

19. Nipple down BOP and cut off casing below the casing flange. Install P&A marker with cement to comply with regulations. Rig down, move off location, cut off anchors, and restore location.

```
Tubing Shot:
Fluid Level 7071'
End of Tubing is 8037'
Total Gaseous Liquid Column 966'
Gas Free Liquid is 797' above End of Tubing
Tubing Pressure 148.1 psia
Casing Shot:
Fluid Level 7777'
End of Tubing is 8037'
Total Gaseous Liquid Column 260'
Gas Free Liquid is 198' above End of Tubing
Casing Pressure 408.9 psia
PBHP is 544.2 psia
Top Perf 7974'
Bottom Perf 8040'
Yesterday's Volume 4.8 mcf/d
Line pressure 142.7 psia
Well Status:
Casing---Closed
Tubing---Open
Compression----None
Artificial Lift---Plunger Lift
```

Current Schematic

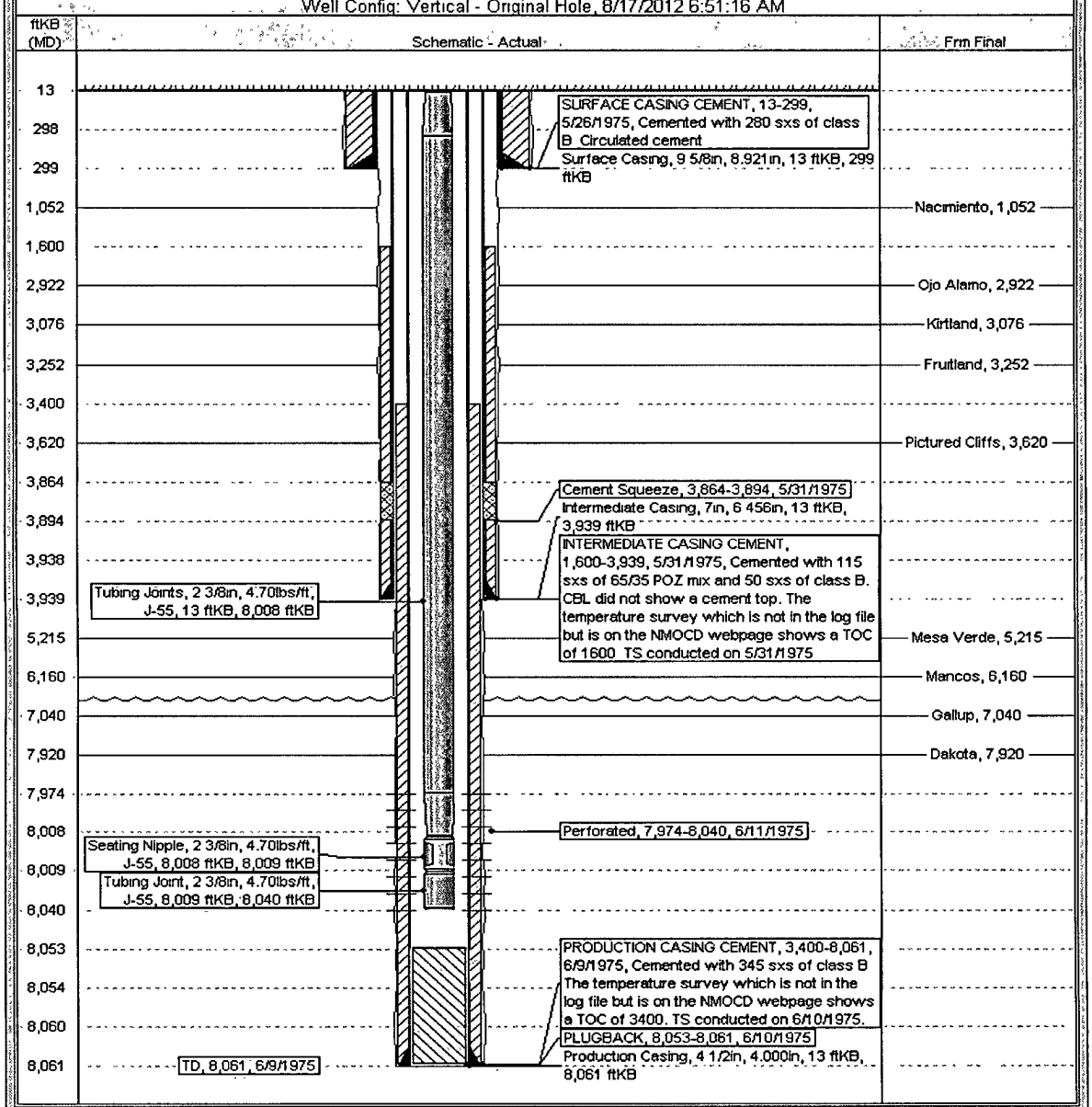
ConocoPhillips

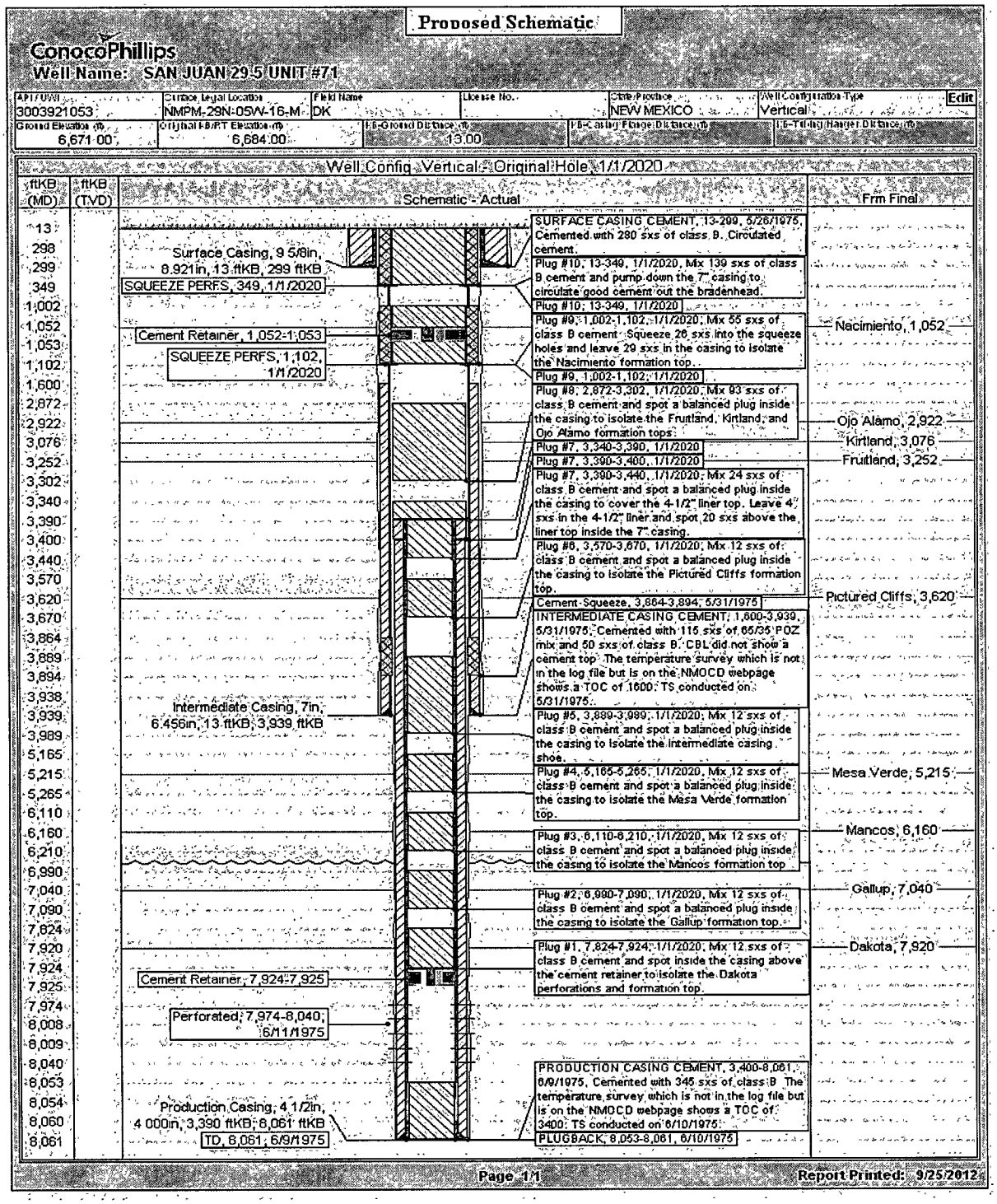
Well Name: SAN JUAN 29-5 UNIT #71

API / UWI	Surface Legal Location	Field Name	License No	State/Province	Well Configuration Type
3003921053	NMPM-29N-05W-16-M	DK		NEW MEXICO	Vertical

Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)
6,671.00	6,684.00	13.00		

Well Config: Vertical - Original Hole, 8/17/2012 6:51:16 AM




Proposed Schematic
ConocoPhillips
Well Name: SAN JUAN 29 5 UNIT #71
API / UWI
3003921053
Surface Legal Location
NMPM-29N-05W-16-M
Field Name
DK
License No.
State / Province
NEW MEXICO
Well Configuration Type
Vertical
Edit
Ground Elevation (ft)
6,671.00
Original KB/RT Elevation (ft)
6,684.00
KB-Ground Distance (ft)
13.00
KB-Casing Flange Distance (ft)
KB-Tubing Hanger Distance (ft)
Well Config: Vertical - Original Hole, 1/1/2020
ftKB (MD)
ftKB (TVD)
Schematic - Actual
Frm Final
13
298
299
349
1,002
1,052
1,053
1,102
1,600
2,872
2,922
3,076
3,252
3,302
3,340
3,390
3,400
3,440
3,570
3,620
3,670
3,864
3,889
3,894
3,938
3,939
3,989
5,165
5,215
5,265
6,110
6,160
6,210
6,990
7,040
7,090
7,824
7,920
7,924
7,925
7,974
8,008
8,009
8,040
8,053
8,054
8,060
8,061
Surface Casing, 9 5/8in, 8.921in, 13 ftKB, 299 ftKB
SQUEEZE PERFS, 349, 1/1/2020
Cement Retainer, 1,052-1,053
SQUEEZE PERFS, 1,102, 1/1/2020
Intermediate Casing, 7in, 6.456in, 13 ftKB, 3,939 ftKB
Cement Retainer, 7,924-7,925
Perforated, 7,974-8,040, 6/11/1975
Production Casing, 4 1/2in, 4.000in, 3,390 ftKB, 8,061 ftKB
TD, 8,061, 6/9/1975
SURFACE CASING CEMENT, 13-299, 5/26/1975, Cemented with 280 sxs of class B. Circulated cement.
Plug #10, 13-349, 1/1/2020, Mix 139 sxs of class B cement and pump down the 7" casing to circulate good cement out the bradenhead.
Plug #10, 13-349, 1/1/2020
Plug #9, 1,002-1,102, 1/1/2020, Mix 55 sxs of class B cement. Squeeze 26 sxs into the squeeze holes and leave 29 sxs in the casing to isolate the Nacimiento formation top.
Plug #9, 1,002-1,102, 1/1/2020
Plug #8, 2,872-3,302, 1/1/2020, Mix 93 sxs of class B cement and spot a balanced plug inside the casing to isolate the Fruitland, Kirtland, and Ojo Alamo formation tops.
Plug #7, 3,340-3,390, 1/1/2020
Plug #7, 3,390-3,400, 1/1/2020
Plug #7, 3,390-3,440, 1/1/2020, Mix 24 sxs of class B cement and spot a balanced plug inside the casing to cover the 4-1/2" liner top. Leave 4 sxs in the 4-1/2" liner and spot 20 sxs above the liner top inside the 7" casing.
Plug #6, 3,570-3,670, 1/1/2020, Mix 12 sxs of class B cement and spot a balanced plug inside the casing to isolate the Pictured Cliffs formation top.
Cement Squeeze, 3,864-3,894, 5/31/1975
INTERMEDIATE CASING CEMENT, 1,600-3,939, 5/31/1975, Cemented with 115 sxs of 65/35 POZ mix and 50 sxs of class B. CBL did not show a cement top. The temperature survey which is not in the log file but is on the NMOCD webpage shows a TOC of 1600. TS conducted on 5/31/1975.
Plug #5, 3,889-3,989, 1/1/2020, Mix 12 sxs of class B cement and spot a balanced plug inside the casing to isolate the intermediate casing shoe.
Plug #4, 5,165-5,265, 1/1/2020, Mix 12 sxs of class B cement and spot a balanced plug inside the casing to isolate the Mesa Verde formation top.
Plug #3, 6,110-6,210, 1/1/2020, Mix 12 sxs of class B cement and spot a balanced plug inside the casing to isolate the Mancos formation top.
Plug #2, 6,990-7,090, 1/1/2020, Mix 12 sxs of class B cement and spot a balanced plug inside the casing to isolate the Gallup formation top.
Plug #1, 7,824-7,924, 1/1/2020, Mix 12 sxs of class B cement and spot inside the casing above the cement retainer to isolate the Dakota perforations and formation top.
PRODUCTION CASING CEMENT, 3,400-8,061, 6/9/1975, Cemented with 345 sxs of class B. The temperature survey which is not in the log file but is on the NMOCD webpage shows a TOC of 3400. TS conducted on 6/10/1975.
PLUGBACK, 8,053-8,061, 6/10/1975
Nacimiento, 1,052
Ojo Alamo, 2,922
Kirtland, 3,076
Fruitland, 3,252
Pictured Cliffs, 3,620
Mesa Verde, 5,215
Mancos, 6,160
Gallup, 7,040
Dakota, 7,920
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Report Printed: 9/25/2012