

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

Sundry Notices and Reports on Wells

RCVD NOV 15 '06
OIL CONS. DIV.
DIST. 3

1. **Type of Well**
GAS

2. **Name of Operator**
ConocoPhillips

3. **Address & Phone No. of Operator**
PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. **Location of Well, Footage, Sec., T, R, M**
Sec., T—N, R—W, NMPM

Unit L (NWSW), 1650' FSL & 1075' FWL, Sec. 34, T29N, R6W NMPM

5. **Lease Number**
NMSF-080146
If Indian, All. or
Tribe Name
Unit Agreement Name
San Juan 29-6 Unit

8. **Well Name & Number**

San Juan 29-6 Unit #95

9. **API Well No.**

30-039-20027

10. **Field and Pool**

Blanco MV/ Basin DK

11. **County and State**
Rio Arriba, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission:

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment

Type of Action:

- ☐ Abandonment
☐ Recompletion
☐ Plugging
☐ Casing Repair
☐ Altering Casing
☒ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-off
☐ Conversion to Injection

☒ Other : BH Remediation

13. Describe Proposed or Completed Operations

Attached is the revised procedure for the BH remediation of this well. The previous NOI
Was approved on 11/3/06.

14. I hereby certify that the foregoing is true and correct.

Signed Philana Thompson Title Regulatory Tech Date 11/8/06

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title _____ Date NOV 13 2006
CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD

11/21

PROCEDURE:
San Juan 29-6 Unit #95
30-039-20027 Sec. 34, T29N, R6W
Revised 11/8/06 PROCEDURE:

Note: All cement for squeezing will be ASTM Type III, mixed at 14.8 ppg with a 1.32 cf/sx yield.

Notify the BLM and OCD before any doing any cementing work.

Minimize the use of pipe dope during workover operations to protect the formation.

1. Notify operator (Ryen Christensen - Cell #505-320-9574) of plans to move on the well. Have lease operator remove plunger or if necessary have slick line unit recover plunger and BH spring assembly.
2. Ensure that well is shut in, energy isolated, locked and tagged out; cathodic protection disconnected. Record SI tbg, SI csg, and Braidenhead pressures.
3. Set and fill 400 bbl water tank with 2% KCL fluid. Place biocide and scale inhibitor (Techni-hib 763) in the water tank with the first load.
4. Install and test location rig anchors. MOL and RU pulling unit.
5. Conduct safety meeting for all personnel on location. Complete JSA as appropriate for the work at hand.
6. If necessary, kill well w/ 2% KCL water (contingent on Category designation of well; refer to COPC well control manual). ND wellhead and NU BOPE (refer to COPC well control manual, Sec 6.13). This well is a class 1, category 2 well.
7. PU additional 2 3/8" tubing and tag fill. LD additional joints. TOH with 196 joints 2 3/8" tubing with SN on bottom. Visually inspect tubing and note any corrosion, mud or scale.
8. Round-trip 4 1/2" casing scraper to $\pm 2750'$ KB. Set a 4 1/2" RBP (on wireline or on tubing) at 2700' KB. Load the casing with 2% KCl water. Drop 10' of sand on top of RBP. Load the casing with 2% KCl water. Pressure test to 500 psi.
9. MI & RU with Blue Jet E-line. RIH and perforate squeeze holes using results of CBL (5.09.01) and audio log (10.27.06) at 2690' KB. Notify the OCD and BLM prior to squeeze.
10. Set cement retainer $\pm 2640'$ KB. Open bradenhead and establish injection rate. Squeeze per Service Company recommendation, pumping ± 172 sxs (looking for a TOC of $\sim 1900'$, $4\text{-}1/2"$ csg X $7\text{-}7/8"$ hole with 75% excess = $(2690' - 1900') \times .2152 \text{ ft}^3/\text{ft} \times 1.75 / 1.32 \text{ ft}^3/\text{sx} = 225$ sxs). Closed off bradenhead valve and WOC.
11. Run audio log, making 1st stop at the TOC to determine if flow from the Lewis Shale has been isolated. If flow has been isolated, proceed to next step. If flow is not isolated, consult with engineering for further instructions.
12. RIH and shoot squeeze holes at $\pm 500'$ KB (surface shoe is at 332' KB). RIH with retainer and set at $\pm 50'$ above the perms. Open the bradenhead valve and establish circulation to surface. Pump squeeze per the service company recommendation, circulating good cement to surface. Close bradenhead valve and WOC.
13. Test bradenhead to ensure the pressure has been isolated. If bradenhead has pressure, call Mike Megorden for further instructions.
14. RIH and perforate squeeze holes using results of CBL and audio log run 10.27.06 to determine where to perf, probably around 1100' KB. Notify the OCD and BLM prior to squeeze.
15. Set cement retainer $\pm 50'$ above squeeze holes. Establish circulation rate. Squeeze per Service Company recommendation, circulating to surface. WOC.
16. Test bradenhead to ensure the pressure has been isolated. If bradenhead has pressure, call Mike Megorden for further instructions.
17. TIH with bit and collars. Drill out the cement and check below for stringers. Pressure test the squeeze to 500 psi for 30 minutes.
18. TOH with bit and lay down drill collars. PU and TIH with 4 1/2" casing scraper to 1' above the RBP. Reverse circulate the well with 2% KCL water. TOH with scraper.
19. TIH with retrieving head and circulate well clean above the RBP. Swab down the fluid level or blow dry w/Air Unit. Then retrieve the RBP. TOH and lay down the RBP.
20. Pick up 2 3/8", 4.7 # tubing string with mule shoe on bottom, a 1.78" "F" profile nipple. Drift tubing slowly with a 1.901"x24" diameter drift bar. (See attached drift procedure.)
21. Tag for fill and clean out as needed to PBTD (7786'). POOH to land end of tubing @ 7672' + or -
22. ND BOP. NU WH. Sweep well clean with air / foam and start flowing. Turn well over to production. Notify Operator. Ryen Christensen - # 505-320-9574.
23. Notify cathodic protection personnel after job is complete so cathodic protection equipment can be re-activated. Ensure pit closures done.

Engineer: **Mike Megorden**

Office: **505-324-5142**

Cell: **719-650-6726**