

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

RCVD MAR 6 '08
OIL CONS. DIV.

DIST. 3

Sundry Notices and Reports on Wells

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) 2480' FSL & 505' FWL, Sec. 20, T29N, R5W NMPM

5. Lease Number
NMNM - 03188
6. If Indian, All. or
Tribe Name
7. Unit Agreement Name
San Juan 29-5 Unit
8. Well Name & Number
San Juan 29-5 Unit 57G
9. API Well No.
30-039-29336
10. Field and Pool
Basin DK/Blanco Mesa Verde
11. County and State
Rio Arriba Co., NM

RECEIVED

MAR 04 2008

Bureau of Land Management
Farmington Field Office

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 Identify and repair casing leak

13. Describe Proposed or Completed Operations

3/4/08 ConocoPhillips requests to identify and repair a potential casing leak per the attached procedure and well bore diagram.

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

Signed Tracey N. Monroe Title Regulatory Technician Date 3/4/08

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title _____ Date MAR 05 2008

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

ConocoPhillips
San Juan 29-5 57G (MV/Dak)
Identify Casing Leak and Repair

Lat +36.710690° N Long -107.387450° W

Prepared By: Pat Bergman Date: 2/25/08
BAE Peer review/approved By: Kelly Kolb/Dennis Wilson Date: 2/25/08

Scope of work: Pull tubing. Clean out as necessary with a bailer or air package. Identify casing leak with packer and plug (swabbing and pressure testing). Repair or isolate leak. Rerun tubing. Uplift is estimated at 100+ mcf/d and the payout is estimated at 6 months with current gas prices.

Est. Cost: \$99,350

Est. Rig Days: 8

RFE #:

WELL DATA:

API: 30-039-29336

Location: 2480' FSL & 505' FWL, (Spot L), Section 20 – T29N – R5W

PBTD: 8059' **ID:** 8107'

Perforations: Dakota: 7936'-55' 8006'-28' 4 spf
Mesa Verde: 5456'-59', 5467'-70', 5477'-80, 5484'-89', 5495'-98', 5566'-69, 5576'-90', 5636'-44', 5786'-5808', 5818-42' 5848'- 5865', 5891'-94' 1 spf

Casing:	OD	Wt., Grade	Connection	ID/Drift (in)	Depth
	9-5/8"	32.3#, H-40	ST&C	8.835/8.679	234'
	7"	20#, J-55	ST&C	6.456/6.331	3905'
	4-1/2"	11.6#, N-80		4.00/3.875	8105'
Tubing:	2-3/8"	4.7#, J-55	EUE 8RD	1.995/1.901	5296'
Tubing:	2-3/8"	4.7#, J-55	EUE 8RD Slimhole	1.995/1.901	7931'
F Nipple:	2-3/8"		EUE 8RD	1.78	7931'-32'
Mule Shoe:	2-3/8" x 8'	4.7#, J-55	EUE 8RD	1.995/1.901	7932'

Well History: This well was completed January 2006. The Mesa Verde and Dakota were cased and fraced. The well has never produced well. It constantly loads up and requires swabbing. During the initial cleanout of the Dakota a suspected casing collapse was noted at 8020' in the lower Cubero. The well has had a fairly high fluid level when it goes down. During a recent swab attempt, a drilling mud like substance was reported. There is believed to be a bumper spring and the ball from a pacemaker plunger in the bottom of the tubing.

Artificial lift on well (type): Plunger Lift

Est. Reservoir Pressure (psig): 500 (MV), 2600 (Dak)

Est. AOF (Mcf/d) : 700

Well Failure Date: 10-15-06

Current Rate (Mcf/d): 240 **Est. Rate Post Remedial (Mcf/d):** 350

Earthen Pit Required: NO

Special Requirements:

BAE Production Engineer: Pat Bergman, Office: 832-486-2358, Cell: 281-382-8103

BAE Backup: Krista McWilliams, Home: 505-334-3096, Cell: 505-419-1627

MSO: Rey Sosa Cell # 505-320-9575

Lead: Billy Schaaphok Cell # 505-320-2597

Area Foreman: Tom Lentz Cell # 505-230 4636

PROCEDURE:

1. Hold pre-job safety meeting.
2. MIRU workover rig. Either before moving in the rig or shortly after, run in hole with slick line and set plug or stop to prevent stuck bumper spring or pacemaker plunger ball from moving up hole.
3. Nipple down wellhead and nipple up BOP stack.
4. Blow down the casing. Pump 2% KCl fluid as necessary to maintain well control. Pull hanger and remove. Pull one stand and wait 15 minutes for any fill to settle (note weight of string when pulling). Go back to bottom and tag for fill (three to four joints could be necessary). POOH.
5. Remove bottom joints with bumper spring and ball. TIH with notched collar and tubing and cleanout to suspected collapsed casing at 8020'. POOH.
6. TIH with packer and pressure test below bottom Dakota perf (8028'), if it doesn't pressure test, swab to determine if the suspected collapse is the source of the drilling mud and excess water, if no water or mud is produced, set above bottom set of Dakota perms (approx. 7990') and swab well to see if you get drilling mud. If no drilling mud or fluid entry, pull up above top Dakota perf (approx. 7900') and again swab well to see what fluid enters.
7. If you are able to identify where drilling mud or significant water is coming from, contact Engineering for recommendation on potentially abandoning that part of the wellbore (using a cast iron bridge plug with a half a barrel of cement dump bailed on top, or a retainer and squeeze). Any abandonment will have to be approved by partners and the OCD. If no source of the drilling mud or excessive water is identified, proceed to step 8 and pressure test the rest of the wellbore. If the source of the mud is eliminated proceed to step 9.
8. TIH with bridge plug and packer and pressure test casing above MV perms, between MV and Dakota perms. If no leak POOH with plug and packer and lay down bridge plug. If a leak is found, contact Engineering for squeeze procedure.
9. Run in hole with a same type bottom hole assembly that was pulled and land at depth agreed to with Engineering (depends on what was abandoned).

10. Nipple down BOP and nipple up wellhead. Attempt to swab well in using sand line for a half a day.
11. If unsuccessful, notify operator that a swab unit will be required to return the well to production. If successful, notify Operator that the well is ready to be returned to production.

See Attached Wellbore Schematic and Pertinent Well Data Sheet:

