submitted in lieu of Form 3160-5.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

1. **Type of Well**
GAS

RECEIVED
NOV 28 2007
Bureau of Land Management
Farmington Field Office

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 N (SESW), 1175' FSL & 1540' FWL, Sec. 12, T28N, R7W NMPM

5. **Lease Number**
SF-079289

6. **If Indian, All. or Tribe Name**

7. **Unit Agreement Name**
San Juan 28-7 Unit

8. **Well Name & Number**
San Juan 28-7 Unit #218

9. **API Well No.**
30-039-20879

10. **Field and Pool**
Basin Dakota

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

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

Type of Submission:	Type of Action:		
☒ Notice of Intent	☐ Abandonment	☐ Change of Plans	☒ Other : BH Repair
☐ Subsequent Report	☐ Recompletion ☐ Plugging ☐ Casing Repair	☐ New Construction ☐ Non-Routine Fracturing ☐ Water Shut-off	
☐ Final Abandonment	☐ Altering Casing	☐ Conversion to Injection	

13. Describe Proposed or Completed Operations

Conocophillips intends to repair the BH according to the attached procedure

RCVD NOV 30 '07
OIL CONS. DIV.
DIST. 3

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

Signed _____ Philana Thompson Title Regulatory Tech Date 11/28/2007

(This space for Federal or State Office use)
APPROVED BY Original Signed: Stephen Mason Title _____ Date NOV 29 2007
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

30-039-20879

SAN JUAN 28-7 #218 DK
Bradenhead REPAIR
Latitude : N 36° 40' 18", Longitude: W 107° 31' 13"

Prepared by: Soledad Moreno Production Engineer 10/30/2007

Scope of work: Repair leak in Bradenhead. Pull & inspect tubing. Replace damaged joints as necessary. Run noise log and CBL to locate source of shallow Bradenhead leak and TOC behind the 7" intermediate string. Determine depth to perforate squeeze-holes (approximately 300') & cement-squeeze to repair Bradenhead leak. Drill-out cement. Circulate wellbore clean. Test casing. Return well to production.

Estimated cost: $153,453
Estimated rig days: 7

Well data

API: 30039208790000
Location: 1175 FSL, 1540 FWL, Unit N, Section 12, T28N, R7W
PBTD: 7,909'
TD: 7,919'
Perforations: 7,700' – 7,876' (DK).

Well history: The SJ 28-7 #218 was completed in 1974. It failed the Braden Head test on 8/20/2007. It was retested and also failed, with a pressure on the bradenhead of 91 psi. (see attached BH re-test on 10/23/2007). There was an attempt to inject sealant at the wellhead to verify a possible seal leak at the WH. It did not work (see attached email communication)

B2 adapters are required on all wells other than pumping wells.

Artificial lift on well: Plunger

Estimated reservoir pressure: 1400 psi DK

Well failure date: 10/23/2007 (BH test failure)

Current rate: 77.78 mcfd

Estimated post-remedial rate: a minimum of 67 mcfd normal rate

Earthen pit required: Yes

Special requirements: Several joints of 2-3/8" tubing for replacement of any scaled or worn joints.

BAE production engineer: Soledad Moreno, Office: 505-324-5104, Cell: 505-320-8529

BAE backup engineer: Jim Arroyo, Office: 505-599-3477, Cell: 505-320-2568
Dryonis Pertuso, Office: 505-599-3409, Cell: 505-320-6568

MSO: Pat Stawinski, Cell: 505-486-1920, Pager: 505-949-0541

Lead: Matt Crane, Office: 505-324-5138, Cell: 505-320-1400

Area foreman: Terry Bowker, Office: 505-599-3448, Cell: 505-320-2600, Pager: 505-949-0367

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SAN JUAN 28-7 #218 DK
Bradenhead REPAIR
Latitude : N 36° 40' 18", Longitude: W 107° 31' 13"

PBTD: 7,909' KB
KB: 10'

Procedure

1. Hold safety meeting. Comply with all NMOCD, BLM and ConocoPhillips safety and environmental regulations. Test rig anchors and build blow pit prior to moving in rig.

2. MIRU. Record tubing, casing, and bradenhead pressures, and record in WellView. RU blow lines from casing valves and begin blowing down casing pressure. Kill well with 2% KCL if necessary. ND wellhead and NU BOP.

3. Release donut and remove. TIH with tubing to tag for fill, note depth of any fill in WellView (tbg landed @ 7,769' KB w/ PBTD @ 7,909' KB).

4. TOOH with 7,759' of 2-3/8" tubing and additional joints needed to reach PBTD. (Detail below). Visually inspect tubing out of hole. Make note of corrosion or scale. Report findings in WellView.

   247- 2-3/8" 4.7# J-55 EUE Tubing
   1- 2-3/8" x 1.78" Seating Nipple
   1- 2-3/8" Mule shoe

5. MIRU wireline unit. Run gauge ring to +/- 7,650'. NU lubricator and RIH with CIBP for 4-1/2" casing. Set the CIBP at +/- 7,650' (50' above perforations).

6. Pressure test casing (CBIP) above DK perforations to 500 psi for 30 minutes. Record pressure and any leak off. If the pressure test holds, continue with procedure. If it does not hold, contact Superintendent and Production Engineer for further instructions.

7. Fill intermediate casing with water, pressure to 500 psi. If it holds pressure, establish cement injection rate pressure (lower than pressure it holds) and continue with procedure. If it does not hold, contact Superintendent and Production Engineer for further instructions. Step 8 will be required in either case. (whether it holds pressure or not)

8. Run a CBL to surface to confirm TOC (originally obtained by Temperature Survey in 1974). Deliver CBL to production engineer and expense superintendent to determine if noise log is necessary. If noise log will be run: RU loggers and run noise log from CIBP to surface to identify shallow water source. Make two runs w/ noise log: one w/ bradenhead valve closed and one w/ bradenhead valve open.

9. NU wireline. Perforate 2 squeeze holes @180° spacing through the 4 ½ " production casing at about 5,525' (depending on CBL results, cement top should be at 5,625').

10. Ensure 4 1/2" x 7" annulus is open to pit. Establish circulation rate. Notify Superintendent and Production Engineer if well does not circulate and wait on orders.

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11. Tag pre-flush water w/ dye to ensure it is distinguishable from water flowing from bradenhead. Establish circulation rate. Pump 210 sx (or amount determined by engineer after CBL is run) Class A cement (Theoretic volume between 4 ½" and 7" : 44 bbls or 247 ft^3) with no excess taken into account. Max pump pressure will be 1500 psi (depending on the pressure the Intermediate casing holds) or maximum allowable wellhead pressure, whichever is less. Monitor rate and pressure. Sting out of CR and circulate tubing clean.

12. RDMO cementers. WOC. Check that Bradenhead pressure is at zero. Check intermediate pressure.

13. Run a CBL to surface to confirm TOC. TOC should be at aprox 3,500' (at least a 100' overlapping with intermediate casing cement (which is at 3,250'-3,676')

14. NU wireline Perforate 2 squeeze holes @180° spacing; holes should go through both strings: the 4 ½" production casing and the 7" intermediate casing, at about 3,150' (depending on CBL results, cement top is supposed to be at 3,250'). Set the cement retainer to 50' above the squeeze holes. RDMO wireline.

15. Ensure 4 1/2" x 7" annulus is open to pit. Ensure 7" x 9 5/8" annulus is open to pit. Establish circulation rate. Notify Superintendent and Production Engineer if well does not circulate and wait on orders.

16. Tag pre-flush water w/ dye to ensure it is distinguishable from water flowing from bradenhead. Establish circulation rate. Pump 1000 (345+655) sx (or amount determined by engineer after CBL is run) Class A cement (Theoretic volumes between 4 ½" and 7" : 72 bbls or 402 ft^3, and between 7" and 9 5/8": 67 bbls or 378 ft^3) with no excess taken into account. Max pump pressure will be 500 psi (depending on the pressure the Intermediate casing holds) or maximum allowable wellhead pressure, whichever is less. Monitor rate and pressure. Sting out of CR and circulate tubing clean.

17. RDMO cementers. WOC. Check that Bradenhead pressure is at zero. Check intermediate pressure.

18. If water flow and pressure is eliminated, continue per procedure. If pressure is present or water flow is continued, contact Superintendent and Production Engineer.

19. Release packer and TOOH.

20. PU appropriate bit and TIH to drill out retainer and excess cement left in casing. TOOH.

21. After drilling out cement and before drilling out CIBP, pressure test squeeze to 500 psi for 30 min. Drill out CIBP and clean out to 7,926' (50' below bottom DK perforations). Call Superintendent and Production Engineer if pressure test fails.

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22. PU appropiate bit, drill out CIBP and clean out to PBTD @ 7,909'. TOOH with tubing and bit.

23. PU and TIH with tubing (detail below). Broach tubing while TIH. Land tubing at 7,770' +/-10'.

    1 – Mule shoe
    1 – 2-3/8" x 1.78" ID Seating Nipple
    +/-247 – 2-3/8" 4.7# J-55 EUE Tubing
    Pup joints as needed to surface.

24. ND BOP, NU wellhead. Notify lease operator that well is ready to be returned to production. RDMO.

CURRENT SCHEMATIC

ConocoPhillips

SAN JUAN 28-7 UNIT 218

District	Field Name	API / UWI	County	State/Province
SOUTH	DK	300392087900	RIO ARRIBA	NEW MEXICO

Original Spud Date	Surface Legal Location	E/W Dist (ft)	E/W Ref	N/S Dist (ft)	N/S Ref
6/6/1974	NMPM-28N-07W-12-N	1,540.00	W	1,175.00	S

Well Config: Vertical - Main Hole, 11/28/2007 8:30:36 AM

ftKB (MD)	ftKB (TVD)	Incl	Schematic - Actual
0			
10			
241			
242			
3,250			
3,447			
3,675			
3,676			
5,071			
5,620			
5,625			
6,850			
7,582			
7,638			
7,700			
7,769			
7,770			
7,770			
7,787			
7,876			
7,903			
7,909			
7,918			
7,919			

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