

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

**RECEIVED**

SEP 16 2009

## Sundry Notices and Reports on Wells

Bureau of Land Management  
Farmington Field Office

1. Type of Well  
GAS

2. Name of Operator  
**CONOCOPHILLIPS COMPANY**

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M

Surf: Unit K (NESW), 1660' FSL & 1850' FWL, Section 8, T29N, R6W, NMPM

5. Lease Number  
SF - 080379 A

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name  
San Juan 29-6 Unit

8. Well Name & Number  
San Juan 29-6 Unit 20

9. API Well No.  
  
30-039-07652

10. Field and Pool  
  
Blanco MV

11. County and State  
Rio Arriba Co., NM

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

Type of Submission	Type of Action				
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans	<input checked="" type="checkbox"/> Other -	<input type="checkbox"/> Artificial Lift Installation	
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction			
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging	<input type="checkbox"/> Non-Routine Fracturing			
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut off			
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection			

RCVD SEP 24 '09  
OIL CONS. DIV.  
DIST. 3

**13. Describe Proposed or Completed Operations**

ConocoPhillips would like to install an Artificial Lift on the San Juan 29-6 Unit 20. Per attached procedures.

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

Signed Jamie Goodwin Title Regulatory Technician Date 9/16/09

(This space for Federal or State Office use)

APPROVED BY [Signature] Title Petr. Eng. Date 9/21/09

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.

**SEE ATTACHED FOR  
CONDITIONS OF APPROVAL**

NOTIFY NMOC D ACTEC 24 HOURS PRIOR TO BEGINNING OPERATIONS.

**NMOC D**

99

**ConocoPhillips**  
**San Juan 29-6 Unit 20**  
**Artificial Lift Installation**

Lat 36° 44' 14.708" N Long 107° 29' 18.251" W

**PBTD: 6000'**

**KB: 12'**

**PROCEDURE:**

1. Hold pre-job safety meeting. Comply with all NMOCD, BLM and COPC safety and environmental regulations. If the well has > 100ppm H<sub>2</sub>S, review the H<sub>2</sub>S contingency plan specific for this location. Test rig anchors prior to moving in rig.
2. MIRU. Check casing, tubing and bradenhead pressures and record them in WellView.
3. RU blow lines from casing valves and blow down casing pressure. Kill well with 2% KCl if necessary.
4. ND WH. NU BOPE.
5. PU and remove tubing hanger and tag for fill, adding additional joints as needed. PBTD is at 6000'. EOT is at 5935'. Record fill depth in Wellview.
6. TOOH with tubing (detail below):

192 - 2-3/8" 4.7# J-55 EUE Tubing Joints  
1 - 2-3/8" F-Nipple (1.810" ID)  
1 - 2-3/8" 4.7# J-55 EUE Tubing Joint  
1 - 2-3/8" Expendable Check

Visually inspect tubing and record findings in Wellview. Make note of corrosion, scale or wear. LD and replace any bad joints

7. Pick up packer and RBP for 7" 20# casing (note that there is also 23# casing). TIH and set RBP at 4386' (30 feet above Lewis perf). Pull up one stand, set packer and pressure test RBP to 1000 psi. Release packer.
8. Load hole with 2% KCl and pressure test casing to 500 psi for 30 minutes. Have bradenhead open while pressure testing casing. If casing does pressure test, skip to step 18. Contact Engineer and Rig Superintendent and report test results.
9. If casing does not pressure test, drop 238 lbs. of sand down tubing and follow with 2% KCl (10' of fill in 7"). Incrementally move packer up and isolate casing failure or failures. If only one failure was found proceeded to step 10. If multiple failures were found contact Engineer and Rig Superintendent for instructions.
10. Set packer 50' above failure. Establish two rates and pressure into hole. Attempt to establish circulation to surface.
11. Pump cement at a rate and pressure as determined from the above results. Volume to be determined from results of step 9. Make sure that the backside is loaded with

KCI and maintain 300-500 psi on the backside while pumping cement to avoid collapse of old casing.

12. Once the desired volume has been displaced into failure hole, close bradenhead and continue pumping to displace past packer. While displacing, monitor pumping pressure carefully to avoid shallow fracturing. If any significant pressure increase is observed during displacement, immediately stop pumping cement, release packer and reverse circulate to clean up.
13. If sufficient displacement past packer was achieved, leave packer in hole to allow cement to set up. If sufficient displacement past packer was not achieved, release packer and reverse circulate to clean up and TOOH immediately.
14. TOOH w/ packer and lay down same.
15. PU bit and TIH to tag TOC. Record tag depth. Drill out cement. Record depth of bottom of cement.
16. Load hole and pressure test to 500 psi for 30 minutes. Pressure test must be recorded on a 2 hour chart.
17. If pressure test held, circulate hole clean and TIH to retrieve RBP. TOOH w/ RBP.
18. PU tubing bailer if fill is less than 100' and air package is not on location. TIH, and bail fill to PBTD (6000'). If fill is greater than 100' or air package is on location, utilize the air package to clean out to PBTD (6000'). If scale is on the tubing, spot acid. Contact Rig Superintendent and Engineer for acid volume, concentration, and tubing volume. TOOH. LD tubing bailer (if applicable).
19. TIH w/ production string (detail below). Drift tubing while running in hole according to the attached drift procedure. Recommended landing depth is 5910'. F-Nipple @ 5909'.
  - 1 - 2-3/8" Muleshoe/Expendable Check (If fill was bailed during cleanout, utilize a pump out plug in place of expendable check.)
  - 1 - 2-3/8" x 1.78" ID F-Nipple
  - 1 - 2-3/8" 4.7# J-55 EUE Tubing Joint
  - 1 - 2-3/8" x 2' Tubing Sub
  - 185 - 2-3/8" 4.7# J-55 EUE Tubing Joints
  - X - 2-3/8" Tubing Subs as necessary to achieve landing depth of 5910'
  - 1 - 2-3/8" 4.7# J-55 EUE Tubing
20. Pull up to tubing landing depth (EOT @ 5910').
21. Drop standing valve and pressure test tubing to 1,000 psi. Retrieve standing valve.
22. ND BOP. NU WH.
23. Pump off expendable check and make a swab run if necessary to kick off the well.
24. Notify MSO that well is ready to be returned to production.
25. RD and MOL.

# Current Schematic

ConocoPhillips

Well Name: SAN JUAN 29-6 UNIT #20

API/Unit	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type	Edit
300390765200	NMPM-29N-06W-08-K	MV		NEW MEXICO	Vertical	
Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Grnd Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)		
6,758.00	6,770.00	12.00				

Well Config: Vertical - Main Hole (0 - 1830.3), 7/30/2009 6:50:25 AM

ftKB (MD)	Schematic - Actual	Form/Final
12		
13		
213		
214		
215		
2,727		OJO ALAMO, 2,727
2,907	Tubing, 2 3/8in, 4.70lbs/ft, J-55, 12 ftKB, 5,903 ftKB	KIRTLAND, 2,907
3,385		FRUITLAND, 3,385
3,657		PICTURED CLIFFS, 3,657
3,736		LEWIS, 3,736
3,807		
3,810		
4,136	Hydraulic Fracture, 8/27/1999, Frac'd Lewis with 1666 bbls 60 Quality 30# X-Link N2 Gel (871,000 SCF) and 204,700# 20/40 Brady sand.	
4,416		
5,067		
5,310		
5,311		
5,320		
5,329		
5,377		
5,378		
5,418		
5,419		
5,420		
5,421	Hydraulic Fracture, 12/29/1955, Frac'd Cliff House with 1163 bbls water and 50,000# sand.	
5,496		
5,506	Hydraulic Fracture, 9/29/1955, Frac'd Menefee with 952 bbls water and 57,000# sand.	
5,507		
5,522	Hydraulic Fracture, 9/28/1955, Frac'd Point Lookout with 952 bbls water and 40,000# sand.	
5,732		
5,807		
5,809	F Nipple, 2 3/8in, 4.70lbs/ft, J-55, 5,903 ftKB, 5,904 ftKB	
5,903	Tubing, 2 3/8in, 4.70lbs/ft, J-55, 5,904 ftKB, 5,934 ftKB	
5,904		
5,934	Expendable Check, 2 3/8in, 4.70lbs/ft, J-55, 5,934 ftKB, 5,935 ftKB	
5,935		
5,983		
5,984		
5,985		
6,000	PBTD, 6,000	
6,002		
6,004		
6,005	TD, 6,005, 9/25/1955	

Surface Casing Cement, 12-214, 7/6/1955, 90 sacks did not circulated to surface, topped off 50 sacks through a 1" pipe. Surface Casing, 9 5/8in, 9.001in, 12 ftKB, KB unknown. Assumed a 12KB, 214 ftKB

Stage Collar @ 3807'  
Intermediate Casing Cement, 3,650-3,810, 8/30/1955, Stage 2: 85 sacks type unknown; TOC @ 3650 (CBL 8/26/1999).

Lewis, 4,416-5,067, 8/24/1999

Liner Top @ 5310.81

Intermediate Casing Cement, 4,200-5,421, 8/30/1955, Stage 1: 150 sacks type unknown; TOC @ 4200 (CBL 8/26/1999). Intermediate Casing, 7in, 6.366in, 12 ftKB, adjusted to a 12' K.B., 5,421 ftKB. Cliff House, 5,420-5,496, 9/30/1955

Menefee, 5,522-5,732, 9/28/1955

Point Lookout, 5,809-5,983, 9/27/1955

PBTD, 6,000-6,004, 9/26/1955  
Liner Cement, 5,319-6,004, 9/25/1955, 75 sacks type unknown, assumed Type B; TOC shown at liner top due to 75% efficiency estimate to be @ 4978.  
Liner, 5in, 4.494in, 5,310 ftKB, 6,004 ftKB  
PBTD, 6,004-6,005, 9/26/1955

## **BLM CONDITIONS OF APPROVAL**

### ***Workover and Recompletion Operations:***

- 1. A properly functioning BOP and related equipment must be installed prior to commencing workover and/or recompletion operations.**
- 2. If this well is in a Seasonal Closure Area, adhere to the closure requirements and timeframes.**
- 3. If casing repairs are required, contact this office to obtain prior approval before conducting casing repair operations.**

### ***SURFACE USE OPERATIONS:***

The following Stipulations will apply to this well unless a particular Surface Managing Agency or private surface owner has supplied to BLM and operator a contradictory environmental stipulation. The failure of operator to comply with these requirements may result in assessments or penalties pursuant to 43 CFR 3163.1 or 3163.2. A copy of these conditions of approval shall be present on location during construction, drilling and reclamation activity.

An agreement between operator and fee landowner will take precedence over BLM surface stipulations unless (in reference to 43 CFR Part 3160) 1) BLM determines that operator's actions will affect adjacent Federal or Indian surface, or 2) operator does not maintain well area and lease premises in a workmanlike manner with due regard for safety, conservation and appearance, or 3) no such agreement exists, or 4) in the event of well abandonment, minimal Federal restoration requirements will be required.

***STANDARD STIPULATIONS:*** All surface areas disturbed during work-over activities and not in use for production activities will be reseeded. This should occur in the first 90 days after completion of work-over activities.

### ***SPECIAL STIPULATIONS:***

- 1. Pits will be fenced during work-over operation.**
- 2. All disturbance will be kept on existing pad.**
- 3. All pits will be pulled and closed immediately upon completion of the work-over or recompletion activities.**
- 4. Pits will be lined with an impervious material at least 12 mils thick.**