

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.

SF-078570

6. If Indian, Allottee or Tribe Name

7. If Unit of CA/Agreement, Name and/or No.

San Juan 28-7 Unit

8. Well Name and No.

San Juan 28-7 Unit 95

9. API Well No.

30-039-07159

10. Field and Pool or Exploratory Area

Blanco MV/Blanco PC

11. Country or Parish, State

Rio Arriba New Mexico

1. Type of Well

☐ Oil Well

☒ Gas Well

☐ Other

2. Name of Operator

ConocoPhillips Company

3a. Address

PO Box 4289, Farmington, NM 87499

3b. Phone No. (include area code)

(505) 326-9700

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Surface UNIT M (SWSW), 890' FSL & 890' FWL, Sec. 4, T27N, R7W

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other Plug Back MV
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input checked="" type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

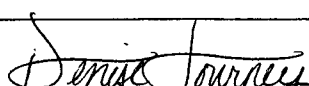
13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once Testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Burlington Resources Oil & Gas Company LP requests permission to plug back the Mesaverde and produce the PC only. Please see the attached procedure and well bore schematic. A closed loop system will be utilized for this project.

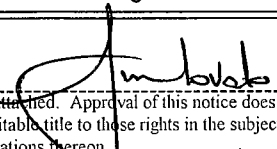
**Notify NMOCD 24 hrs
prior to beginning
operations**

**RCVD SEP 10 '14
OIL CONS. DIV.
DIST. 3**

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)		
Denise Journey	Staff Regulatory Technician	
Signature	Title	
		
	Date	
	9/3/2014	

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
	Ref. Eng	9/2/14
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to these rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instruction on page 2)

NMOCD

ConocoPhillips
SAN JUAN 28-7 UNIT 95
Expense - Plugback

Lat 36° 35' 52.84" N

Long 107° 35' 4.776" W

PROCEDURE

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. **If there is pressure on the BH, contact Wells Engineer.**
3. Remove existing piping on casing valve. RU blow lines from casing valves and begin blowing down casing pressure. Kill well with 2% KCl as necessary. Ensure well is dead or on vacuum.
4. ND wellhead and NU offset spool and BOPE. Pressure and function test BOP to 250 psi low and 1000 psi over SICP high to a maximum of 2000 psi held and charted for 10 minutes as per COP Well Control Manual. PU and remove tubing hanger and tag for fill; adding additional joints as needed. Record pressure test and fill depth in Wellview.
5. Unseat short string. Pull out laying down 1-1/4" tubing. **Make note of corrosion, scale, or paraffin and save a sample to give to the engineer for further analysis.**
6. Release Baker EJG packer with straight pull. Pull out laying down 2" tubing. **Make note of corrosion, scale, or paraffin and save a sample to give to the engineer for further analysis.**
NOTE: If packer will not come free, contact Wells Engineer for plug adjustment.
7. PU 4-3/4 string mill and bit and trip to 5402' or as close to top perf as possible. TOOH. LD mill and bit.
8. Rig up wireline. Set 5-1/2" CIBP at 5402'. Pull out of hole with wireline.
9. Pickup logging tools and run CBL on casing from CIBP to surface (or until run out of fluid). Adjust plugs as necessary for new TOC.

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 Class B mixed at 15.6 ppg with a 1.18 cf/sk yield.

10. Plug 1 (Mesa Verde Perforations, 5402-5302', 17 Sacks Class B Cement).

Mix cement as described above and spot plug on top of cement retainer to isolate Mesa Verde Perforations. Pull up hole.

11. Plug 2 (Mesa Verde Formation Top, 4310-4210', 17 Sacks Class B Cement).

Mix cement as described above and spot balanced plug inside casing to isolate the Mesa Verde Formation top. Pull up hole.

12. TIH with tubing using Tubing Drift Procedure (detail below).

Tubing Wt/Grade: 4.7 ppf, J-55
Tubing Drift ID: 1.901"
Land Tubing At: 3395'
KB: 13'

Tubing and BHA Description	
1	2-3/8" Expendable Check
1	2-3/8" (1.78" ID) F-Nipple
1	2-3/8" Tubing Joint
1	2-3/8" Pup Joint (2' or 4')
~108	2-3/8" Tubing Joints
As Needed	2-3/8" Tubing Pups
1	2-3/8" Tubing Joint

13. If there is an air package on location, skip to the next step. Run standing valve on shear tool, load tubing, and pressure test to 500#. Monitor pressure for 15 mins, and make a swab run to remove the fluid from the tubing. Retrieve standing valve.

14. Ensure barriers are holding. ND BOPE, NU Wellhead. Pressure test tubing slowly with an air package as follows: pump 3 bbls pad, drop steel ball, pressure tubing up to 500 psi, and bypass air. Monitor pressure for 15 mins., then complete the operation by pumping off the expendable check. Note in Wellview the pressure in which the check pumped off. Purge air as necessary. Notify the MSO that the well is ready to be turned over to Production Operations. RDMO.

Tubing Drift Check

PROCEDURE

1. Set flow control in tubing. With air, on location, use expendable check. With no air on location, use wire line plug.
2. RU drift tool to a minimum 70' line. Drift tool will have an OD of at least the API drift specification of 1.901" for the 2 3/8", 4.7# tubing, and will be at least 15" long. The tool will not weigh more than 10# and will have an ID bore the length of the tool, so fluids may be pumped through the tool if it becomes stuck.
3. Drop the tool into the tubing string and retrieve it after every 2 joints of tubing ran in hole. If any resistance to the tool movement is noticed, going in or out, that joint will be replaced.

NOTE: All equipment must be kept clean and free of debris. The drift tool will be measured with calipers before each job, to ensure the OD is the correct size for the tubing being checked. The maximum allowable wear of the tool is 0.003".

CURRENT SCHEMATIC

SAN JUAN 28-7 UNIT #95

District SOUTH	Field Name PC/MV DUAL	API / UWI 3003907159	County RIO ARRIBA	State/Province NEW MEXICO
Original Spud Date 1/18/1959	Surface Legal Location 004-027N-007W-M	E/W Dist (ft) 890.00	E/W Ref F/WL	N/S Dist (ft) 890.00
				N/S Ref FSL

Vertical - Original Hole 8/12/2014 8:16:24 AM

MD (ftKB)	Vertical schematic (actual)	Formation Tops
13.1		
172.9		
173.9	1; Surface Casing; 10 3/4 in; 10,190 in; 13.0 ftKB; 174.0 ftKB	
174.9		
476.0		NACIMIENTO
2,430.1		OJO ALAMO
2,580.1		KIRTLAND
2,890.1		FRUITLAND
2,899.9		
3,040.0		FRUITLAND COAL
3,328.1	Fracture: 2/2/1959: 3,328.0-3,400.0 Category: Perf; Depth (MD): 3,328.0-3,400.0	FIGURED CLIFFS
3,378.9		
3,380.9		
3,399.9		
3,414.0	1-1/4", 2.4# tbq; components wont allow this choice	
3,460.0		LEWIS
3,465.9		
3,468.9		
3,544.9		
3,545.9	2; Intermediate Casing; 7.63 in; 6,970 in; 13.0 ftKB; 3,546.0 ftKB	
3,548.9		
3,557.1		
3,561.0		
4,259.8		CHACRA
4,984.9		CLIFF HOUSE
5,080.1		MENEFEE
5,452.1	Wireline ran; tagged @ 5559 "appears to be top of packer"	
5,550.9	Category: Perf; Depth (MD): 5,452.0-5,750.0	POINT LOOKOUT
5,559.1	Fracture: 2/2/1959: 5,452.0-5,750.0	
5,721.1		
5,722.1		
5,725.1		
5,750.0		
5,756.9	2", 4.7# tbq; components wont allow this choice	
5,771.0		
5,789.0		
5,790.0	3; Production Liner; 5 1/2 in; 4,950 in; 3,466.0 ftKB; 5,790.0 ftKB	
5,794.0		

Schematic - Proposed SAN JUAN 28-7 UNIT #95

District SOUTH	Field Name PC/MV, DUAL	API # UWI 3003907159	County RIO ARRIBA	State/Province NEW MEXICO
Original Spud Date 1/18/1959	Surf Loc 004-027N-007W-M	East/West Distance (ft) 890.00	East/West Reference FWL	N/S Dist (ft) 890.00
		North/South Reference FSL		

Vertical - Original Hole, 1/1/2020 1:00:00 AM

Vertical schematic (actual)	MD, (ftKB)	Formation Tops.
<p>Fracture; 2/2/1959; 41,500 G Water w/ 40,000# sand. AIR=65.4 bpm, BD @ 1700#. ATP=1000-1650#. Drop 1 set of 25 BS.</p> <p>PERF - PICTURED CLIFFS; 3,328.0-3,400.0; 2/2/1959</p> <p>1-1/4", 2.4# tbg, components wont allow this choice</p>	13.1	
	172.9	
	173.9	
	174.9	
	476.0	NACIMIENTO
	2,430.1	OJO ALAMO
	2,580.1	KIRTLAND
	2,890.1	FRUITLAND
	2,899.9	
	3,040.0	FRUITLAN...
<p>Bridge Plug - Permanent; 5,402.0-5,403.0</p> <p>Wireline ran, tagged @5559 "appears to be top of packer"</p> <p>Fracture; 2/2/1959; 50,000 G Water w/ 58,000 # sand. AIR=54.4 bpm. Drop 4 sets of 25 BS, BO. ATP=1000-3000#</p> <p>PERF - POINT LOOKOUT; 5,452.0-5,750.0; 2/2/1959</p> <p>2", 4.7# tbg, components wont allow this choice</p> <p>PBTD: 5,771.0</p>	3,328.1	PICTURED...
	3,399.9	
	3,414.0	
	3,460.0	LEWIS
	3,465.9	
	3,466.9	
	3,544.9	
	3,545.9	
	3,548.9	
	4,210.0	
<p>Plug #2; 4,210.0-4,310.0; 1/1/2020; Mix 17 sx Class B cement and spot balanced plug inside casing to isolate the Mesaverde formation top.</p> <p>Plug #1; 5,302.0-5,402.0; 1/1/2020; Mix 17 sx Class B cement and spot balanced plug inside casing to isolate the Mesaverde perforations.</p> <p>3; Production Liner; 5 1/2 in; 4,950 in; 3,466.0 ftKB; 5,790.0 ftKB</p> <p>Cement; 3,466.0-5,794.0; 1/30/1959; PUMP 350 SX REG / POZMIX CMT, FOLLOWED BY 50 SX NEAT. SQZ LINER TOP W/100 SX NEAT CMT. LEFT 40' CMT IN 7/58" CSG</p> <p>CEMENT PLUG; 5,771.0- 5,794.0; 2/1/1959</p>	4,259.8	CHACRA
	4,310.0	
	4,984.9	CLIFF HOU...
	5,080.1	MENELEE
	5,301.8	
	5,401.9	
	5,402.9	
	5,452.1	
	5,550.9	POINT LOO...
	5,559.1	
<p>Cement; 10 3/4 in; 10.190 in; 13.0 ftKB; 174.0 ftKB Cement; 13.0-174.0; 1/19/1959; CIRC CMT TO SURFACE</p>	5,750.0	
	5,755.9	
	5,771.0	
	5,789.0	
	5,790.0	

- **Conditions of Approval:
Plugback Operations**

In order to properly plugback this well bore to the Pictured Cliffs Formation, the following amendments are made to your plugback plan:

Note: This well is below the established Charca Line and as such, a Chacra Formation plug is required. In addition, the adjusted formation tops were based on BLM Geologist log interpretations. If CBL results indicate a TOC below the 5 ½" liner top, please contact this office accordingly.

- 1) Plug #1 is acceptable as proposed.
- 2) Modify plug #2 for the Mesaverde Formation top (Cliff House top @ 4886') from 4936' to 4836'. Spot 17 sacks of cement as proposed.
- 3) Spot Chacra Formation plug (Chacra top @ 4261') inside 5 ½" casing from 4311' to 4211' with 17 sacks of cement as proposed.