

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

Sundry Notices and Reports on Wells

1. Type of Well GAS	5. Lease Number SF-077111
2. Name of Operator  <b>ConocoPhillips</b>	6. If Indian, All. or Tribe Name
3. Address & Phone No. of Operator  PO Box 4289, Farmington, NM 87499 (505) 326-9700	7. Unit Agreement Name
4. Location of Well, Footage, Sec., T, R, M  Unit B (NWNE), 890' FNL & 1750' FEL, Section 27, T28N, R9W, NMPM	8. Well Name & Number Storey C LS 7
	9. API Well No.  30-045-07198
	10. Field and Pool Blanco MV / Aztec PC
	11. County and State San Juan, 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 checked="" type="checkbox"/> Other - <input type="checkbox"/> Commingle
<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

**13. Describe Proposed or Completed Operations**

ConocoPhillips Company requests permission to remove the packer and commingle the subject well according to the attached procedure and current wellbore schematic. A C103 will be submitted in order to commingle the well.

*DHC 2474, 10/12/1999*

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

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

Signed *Crystal Tafoya* Crystal Tafoya Title Staff Regulatory Technician Date 9/8/2010

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title \_\_\_\_\_ Date SEP 09 2010

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**  
**STOREY C LS 7**  
**Rig Uplift - Commingles**

Lat 36° 38' 16.044" N

Long 107° 46' 20.82" W

**PROCEDURE**

**Possible tubing obstruction, prior to pulling tubing install locking 3 slip stop above obstruction.**

1. Call Cameron to notify before RU. Cameron has wellhead replacement in stock and will replace wellhead equipment.
2. Hold pre-job safety meeting. Comply with all NMOCD, BLM, and COPC safety and environmental regulations. Test rig anchors prior to moving in rig.
3. MIRU work over rig. Check casing, tubing, and bradenhead pressures and record them in Wellview.
4. RU blow lines from casing valves and begin blowing down casing pressure. Kill well with 2% KCl, if necessary.
5. ND wellhead and NU BOPE.
6. Release tubing hanger, TOOH with short tubing string and lay down (details below):

Number	Description
155	1-1/4" (1.66 OD/1.38ID) 2.30# J-55 IJ Tubing Joints

7. Release tubing hanger, Pick up long string (pull EGJ Baker packer, releases with straight pickup). No special tool is need to retrieve this packer as it is attached to the tubing. TOOH with long string tubing and lay down (details below):

Number	Description
97	2-3/8" Tubing joints
1	2-3/8" Circulating Sleeve
67	2-3/8" Tubing joints
1	Baker Model EGJ Packer (5')
8	2-3/8" Tubing joints
1	2-3/8" Perforated Joint
1	2-3/8" Tubing joint (27')
1	2-3/8" Orange Peel Tubing (15')

Use Tuboscope Unit to inspect tubing and record findings in Wellview. Make note of corrosion or scale. LD and replace any bad joints. If needed, contact Rig Superintendent or engineer for acid, volume, concentration, and displacement volume.

8. If fill is tagged, PU bailer and CO to PBTD (5505'). If fill is too hard or too much to bail, utilize the air package. If fill could not be CO to PBTD call Production Engineer to inform how much fill was left and confirm/adjust landing depth.

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

**Recommended**

Tubing Drift ID:	1.995
Land Tubing At:	5470'
Land F-Nipple At:	5468'

Number	Description
1	2-3/8" Mule shoe/Expendable Check
1	2-3/8" F Nipple 1.81ID
1	2-3/8" 4.7# J-55 EUE Tubing Joint
1	2-3/8" 4.7# J-55 EUE Tubing Sub Pup (2')
182	2-3/8" 4.7# J-55 EUE Tubing Joints
1	2-3/8" 4.7# J-55 EUE Pup Joints ( Pup Joint as necessary to achieve proper landing depth)
1	2-3/8" 4.7# J-55 EUE Tubing Joint

11. 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.

12. 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. Notify the MSO that the well is ready to be turned over to Production Operations. Make swab run to kick-off the well, if necessary, then 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.
4. In order to stimulate the plunger lift operation, all equipment must be kept clean and free of debris.

The drift tool should 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 .003".

# Current Schematic

ConocoPhillips

Well Name: STOREY C L S 7

API/UMI	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type	Edit
0004507198	NMPM-28N-09W-27-B	PC/MY DUAL		NEW MEXICO		
Ground Elevation (ft)	Original MORT Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)		
6,824.00	6,834.00	10.00	10.00	10.00		

Well Config - Main Hole: 8/19/2010 10:27:18 AM

ftKB (MD)	Schematic - Actual	Frm Final
10	Reports are unclear, it is assumed that the diameter of the surface hole is 13 3/4".	
170		
171	Production commingled @ surface until downhole commingle can be completed.	
173		
1,500	Tubing, 2 3/8in, 4.70lbs/ft, J-55, 10 ftKB, 3,060 ftKB	
2,007	Tubing, 1.660in, 2.30lbs/ft, J-55, 10 ftKB, 3,071 ftKB	OJO ALAMO, 2,007
2,157		KIRTLAND, 2,157
2,767		FRUITLAND, 2,767
3,023	Hydraulic Frac, 7/24/1957, Frac'd Pictured Cliffs with 42,714 gals Water and 40,000 lbs Sand.	PICTURED CLIFFS, 3,023
3,026		
3,060	Circulating Sleeve, 2 3/8in, 4.70lbs/ft, J-55, 3,060 ftKB, 3,061 ftKB	
3,061		
3,068		
3,071		
3,132		LEWIS, 3,132
3,294		
3,295	Stage 2, 2,160-3,295, 7/16/1957, Cemented Stage 2 with 50 sxs Pozmix, followed by 100 sxs. TOC @ 2160' - Temperature Survey 7/17/57.	
3,860	Tubing, 2 3/8in, 4.70lbs/ft, J-55, 3,061 ftKB, 5,173 ftKB	
4,687		CLIFF HOUSE, 4,687
4,728		MENESEE, 4,728
5,130		
5,134		
5,173	Baker Model EGJ Packer, 4in, 4.70lbs/ft, J-55, 5,173 ftKB, 5,178 ftKB	
5,178		
5,198		
5,199		
5,200	Tubing, 2 3/8in, 4.70lbs/ft, J-55, 5,178 ftKB, 5,423 ftKB	
5,302	Hydraulic Frac, 7/24/1957, Frac'd Point Lookout with 62,160 gals Water and 60,000 lbs Sand.	
5,308		POINT LOOKOUT, 5,308
5,414	Perforated Joint, 2 3/8in, 4.70lbs/ft, J-55, 5,423 ftKB, 5,426 ftKB	
5,415		
5,423	Tubing, 2 3/8in, 4.70lbs/ft, J-55, 5,426 ftKB, 5,453 ftKB	
5,426		
5,453	Orange Peel Tubing, 2 3/8in, 4.70lbs/ft, J-55, Orange Peel EOT verified by Wireline., 5,453 ftKB, 5,468 ftKB	
5,468		
5,500		
5,505	PBTD, 5,505, Reports differ, PBTD may be 5505' or 5508'.	
5,518		
5,519	Squeezed bottom of 5 1/2" liner with 100 sxs Neat Cement.	
5,524	TD, 5,524, 7/19/1957	
	Surface Casing Cement, 10-171, 6/8/1957, Cemented with 150 sxs Regular, circulated to surface. Surface, 10 3/4in, 10.192in, 10 ftKB, K.B. adjusted from 12' to 10', 171 ftKB	
	Pictured Cliffs, 3,026-3,068, 7/24/1957	
	Stage 1, 4,259-5,199, 7/16/1957, Cemented Stage 1 with 100 sxs Pozmix, followed by 100 sxs neat. TOC @ 4259' - 75% Efficiency Calculation: Intermediate, 7 5/8in, 6.969in, 10 ftKB, Pipe tallies are unclear, lengths of casing were determined by dividing by an average joint length of 40.8', 5,199 ftKB	
	Point Lookout, 5,302-5,500, 7/24/1957 Slip Stop, 5,414-5,415	
	Plugback, 5,505-5,519, 7/19/1957 Production Casing Cement, 5,130-5,519, 7/19/1957 Production, 5 1/2in, 4.950in, 5,130 ftKB, 5,519 ftKB Plugback, 5,519-5,524, 7/19/1957	