Submit 3 Copies To Appropriate District Office

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
June 19, 2008

WELL API NO. **30-045-07520**

5. Indicate Type of Lease STATE ☐ FEE ☐

6. State Oil & Gas Lease No. **SF-044535A**

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

7. Lease Name or Unit Agreement Name: **Southern Union Production**

1. Type of Well: Oil Well ☐ Gas Well ☒ Other

8. Well Number: **5**

2. Name of Operator: **BURLINGTON RESOURCES OIL & GAS COMPANY LP**

9. OGRID Number: **14538**

3. Address of Operator: **PO Box 4298, Farmington, NM 87499**

10. Pool name or Wildcat: **Fulcher Kutz Pc**

4. Well Location
Unit Letter **B** : **703** feet from the **North** line and **1839** feet from the **East** line
Section **14** Township **28N** Range **11W** NMPM **San Juan**

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* **5743' GR**

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☐	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPNS.	☐	P AND A	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
DOWNHOLE COMMINGLE	☐						
OTHER: **Response**	☒			OTHER:	☐		

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

This is a response to a request to provide documentation that no BH can be installed.
Attached is a letter, wellhead pictures, csg configuration, & current schematic.

RCVD JAN 11'10
OIL CONS. DIV.
DIST. 3

SPUD DATE: **10/7/1954** RIG RELEASE DATE:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Rhonda Rogers TITLE **Staff Regulatory Technician** DATE **1/7/2010**

Type or print name **Rhonda Rogers** E-mail address: rrogers@conocophillips.com PHONE: **505-599-4018**

For State Use Only

APPPROVED BY Kelly G. Roberts TITLE Deputy Oil & Gas Inspector, District #3 DATE JAN 13 2010

Conditions of Approval (if any):

NO FURTHER REMEDIAL ACTION REQUIRED AT THIS TIME.

by

ConocoPhillips

Bradenhead Summary

Production Engineering

TO: Kelly Roberts, New Mexico Oil Conservation Division
FROM: Tappan Souther
DATE: January, 6 2009
RE: Southern Union Production #5, 2009 Bradenhead

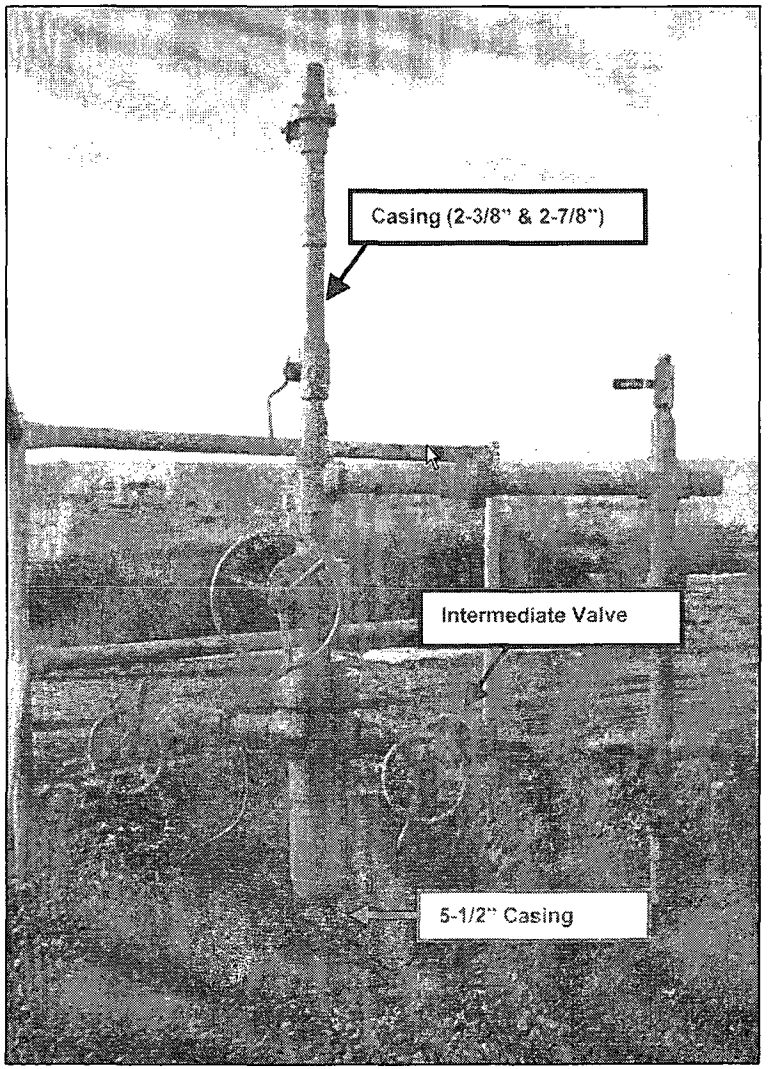
Subject:
Southern Union Production #5
API 30-045-07520
San Juan County, NM

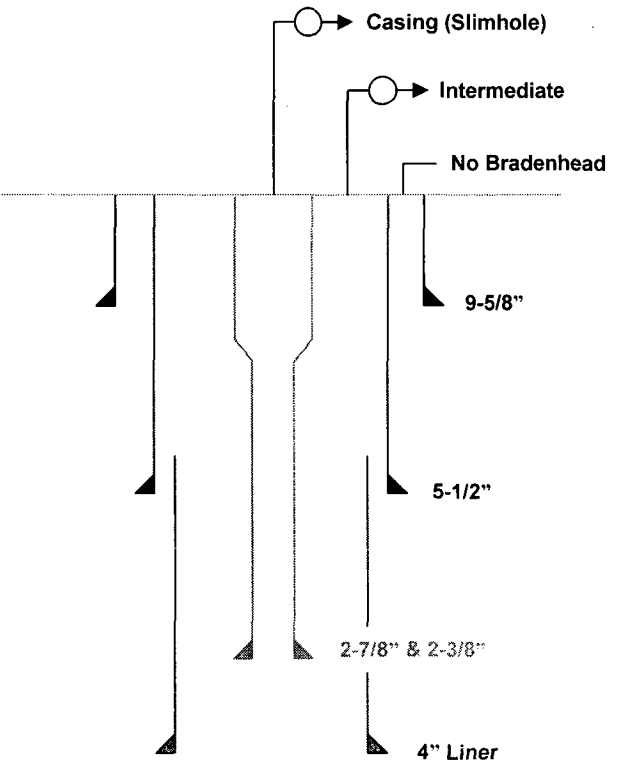
On April 9 2001, Burlington Resources received a letter from the NMOCD stating that a past bradenhead test performed on the Southern Union Production #5 indicated that a bradenhead valve was not located on the wellhead. The 2001 letter also stated that the well was in violation of Rule 115.B (19.15.3.115.B) and directed that the well be compliant by July 1, 2001. During the 2009 bradenhead testing of the well, the bradenhead test stated that a bradenhead valve was not found. In October 2009, ConocoPhillips received a request from the New Mexico Oil Conservation Division (NMOCD) to provide documentation regarding why work was not performed after receiving the letter in 2001. After reviewing the wellfile, unearthing the wellhead and performing a second bradenhead test, the following information was obtained.

The ConocoPhillips wellfile does not contain any information documenting a response to the 2001 letter. Therefore, the wellhead was recently unearthed roughly 2 feet below the ground level. It was determined that the wellhead is attached to the intermediate casing (5-1/2 inch) but is not attached to the surface casing (9-5/8 inch) confirming that the well does not have a bradenhead valve. The wellfile reported that cement was circulated to surface between the surface casing (9-5/8 inch) and the intermediate casing (5-1/2 inch) annulus. The following day, an additional eight sacks of cement were placed around the top of the casing. The presence of cement between the surface casing (9-5/8 inch) and the intermediate casing (5-1/2 inch) annulus was also confirmed after being unearthed. With cement present at the surface between the surface casing (9-5/8 inch) and the intermediate casing (5-1/2 inch), ConocoPhillips believes that the annulus is adequately isolated and is therefore properly controlled.

Lastly, it has been determined by ConocoPhillips that the 2009 bradenhead test was performed incorrectly. The test reported an initial casing and tubing pressure of 13.4 psig and did not include an intermediate valve pressure. The correct initial pressures should have been 13.4 psig on the casing, N/A on the tubing since the production casing consists of 2-3/8 inch and 2-7/8 inch slimhole casing, N/A on the bradenhead and should have also included the initial pressure on the intermediate valve. An invitation is extended to the NMOCD to witness a bradenhead test. Pictures of the wellhead and cement at surface as well as the wellbore diagram are presented in the following pages.

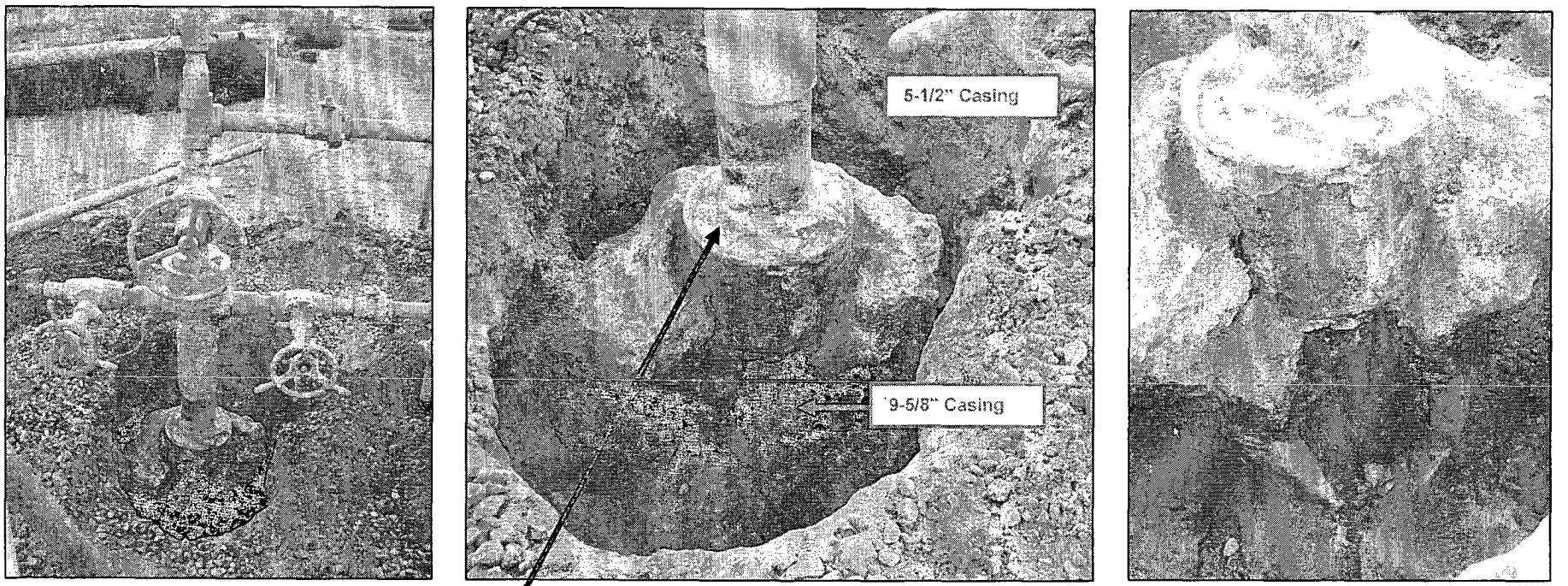
Tappan Souther
Production Engineer





Casing Configuration
Cement to surface on all strings.

Southern Union Production #5 - Wellhead and Casing Configuration



Southern Union Production #5 - Wellhead with Cement at Surface

Current Schematic

ConocoPhillips

Well Name: SOUTHERN UNION PRODUCTION #5

API / UWI	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type
3004507520	014-028N-011W-B	FULCHER KUTZ PC (GAS)		NEW MEXICO	Edit

Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)
5,733.00	5,743.00	10.00	5,743.00	5,743.00

Well Config: - Original Hole, 1/5/2010 8:58:32 AM

ftKB (MD)	Schematic - Actual	Frm Final
0		
10		
16	Well was originally drilled for butane and propane injection.	
124	Surface Casing Cement, 10-125, 10/8/1954, Cemented with 100 sxs cement, TOC @ Surface - 75% Efficiency Calculation.	
125	Surface, 9 5/8in, 8.921in, 10 ftKB, The number of joints was estimated using an appx. joint length of 31.5'., 125 ftKB	
1,571		
1,571	Production Casing consists of both 2 7/8" and 2 3/8" casing.	
1,571		
1,657	Top of liner @ 1657', Reports are unclear as to whether there is a liner hanger or not.	
1,665		
1,674	Intermediate Casing Cement, 10-1,790, 10/11/1954, Cemented with 350 sxs Pozmix, obtained full circulation. Added 8 sxs cement around top of casing.	
1,789		
1,790	Foam-N2, 1/7/1999, 3/3/55 - Originally Frac'd Open Hole from 1790'- 1879' with 10,400 gals oil and 12,100 lbs sand. Intermediate, 5 1/2in, 4.950in, 10 ftKB, 1,790 ftKB	
1,792		
1,794	8/6/64 - Frac'd Pictured Cliffs from 1792'- 1857' with 43,200 gals water, 60,000 lbs sand, and 40 tons of Co2. Pictured Cliffs, 1,794-1,830, 1/8/1999	
1,830	Pictured Cliffs, 1,792-1,857, 8/6/1964	
1,857	1/7/99 - Frac'd Pictured Cliffs from 1794'- 1830' with 219 bbls of 70Q foam with 20# Linear Foam, 236,000 scf N2, and 94,000 lbs 16/30 Arizona Sand.	
1,861	Production, 2 7/8in, 10 ftKB, 1,864 ftKB	
1,863	PBTD, 1,863 Production Casing Cement, 10-1,864, 12/18/1998, Cemented with 105 sxs cement (Yield 2.81), followed by 25 sxs cement (Yield 1.46). Cicrulated 3 bbls to surface.	
1,864	Production PBTD, 1,864-1,867, 12/18/1998	
1,864	Intermediate Liner Cement, 1,792-1,886, 8/6/1964	
1,886	Intermediate Liner PBTD, 1,867-1,906, 8/6/1964	
1,905	Intermediate Liner Cement, 1,886-1,906, 8/6/1964, Cemented with 50 sxs cement, TOC @ 1792 - 75% Efficiency Calculation.	
1,906	TD, 1,906, 8/6/1964 Intermediate Liner, 4in, 1,657 ftKB, The number of joints was estimated using an appx. joint length of 31.5'., 1,906 ftKB	