

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

Sundry Notices and Reports on Wells

OCT 14 2008

1. **Type of Well**
GAS

5. **Lease Number**
SF-079365

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

2. **Name of Operator**

Burlington Resources Company

7. **Unit Agreement Name**
San Juan 28-6 Unit

3. **Address & Phone No. of Operator**

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

8. **Well Name & Number**
San Juan 28-6 Unit 27

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

Unit, 995⁵ FNL & 990' FEL, Section 15, T27N, R06W, NMPM

9. **API Well No.**

30-039-07087

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

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment

Type of Action

☐ Abandonment

☐ Recompletion

☐ Plugging

☐ Casing Repair

☐ Altering Casing

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut off

☐ Conversion to Injection

☒ Other - Proposal Not to Repair Intermediate Csg

13. Describe Proposed or Completed Operations

Burlington Resources is proposing not to repair intermediate casing per the attached proposal.

Attached: Gas analysis

RCVD OCT 23 '08

OIL CONS. DIV.

DIST. 3

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

Signed Tracey N. Monroe Title Staff Regulatory Technician Date 10/13/08

(This space for Federal or State Office use)

APPROVED BY Petr. Eng. Title Petr. Eng. Date 10/22/08

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

**San Juan San Juan 28-6 Unit #27
Proposal to Not Repair Intermediate Casing**

The San Juan 28-6 Unit #27 may fail its bradenhead test due to pressure on the intermediate head. Gas samples from intermediate and production casing indicate the same gas is flowing through both strings. Pressures readings taken during the bradenhead test and re-test indicate that there is not an integrity issue with the bradenhead (no pressure in bradenhead).

Pertinent data for this well is summarized below.

Formation: Dakota

TD: 5.840'

PBTD: 5.798'

Surface Casing: 9-5/8" 40# /ft J-55 set at 173' with cement circulated to surface.

Intermediate Casing: 7" 20.0 #/ft J-55 set at 4,810' with a TOC @ 2,480' (Calculated)

Production Casing: 4-1/2" 10.50 #/ft K-55 set at 7,684' with a TOC @ 3,898' (CBL)

Perforations: 4,852'-5,000' (MV)
 5,027'-5.353' (MV)
 5,380'-5.741' (MV)

Formation Tops:

Ojo Alamo	2,491
Kirtland	2,648
Fruitland	2,974
Picture Cliffs	3,206
Lewis	3,270
Cliff House	4,850
Menefee	5,003
Point Lookout	5,380
Mancos	5,540

Given the lack of pressure on the bradenhead, the gas on the intermediate head is most likely coming from the production casing. Both intermediate and production casing have the same pressure and the samples indicate a very similar composition (see samples attached). Additionally, freshwater aquifers are not threatened since there is no pressure on the bradenhead. ConocoPhillips proposes to repair this well once pressure is found on the bradenhead.

ConocoPhillips would like to propose the following:

- Lease operator will continue to monitor wellhead pressures as normal.
- If the bradenhead pressure continues to reflect 0 to 24 psig, continue to operate as normal.
- If the bradenhead pressure reflects a pressure 25 psig or greater, the BLM will be notified.
- ConocoPhillips will meet with BLM representatives if necessary to further discuss the proposals.

ConocoPhillips will continue to operate in a safe and environmentally friendly manner. The company will continue to notify the BLM within five days of known casing failures, as directed. The company will also immediately address necessary plans to repair known wellbore integrity issues that indicate obvious casing and / or cement failures. ConocoPhillips will continue to operate in a prudent manner.

DM

5-01-08

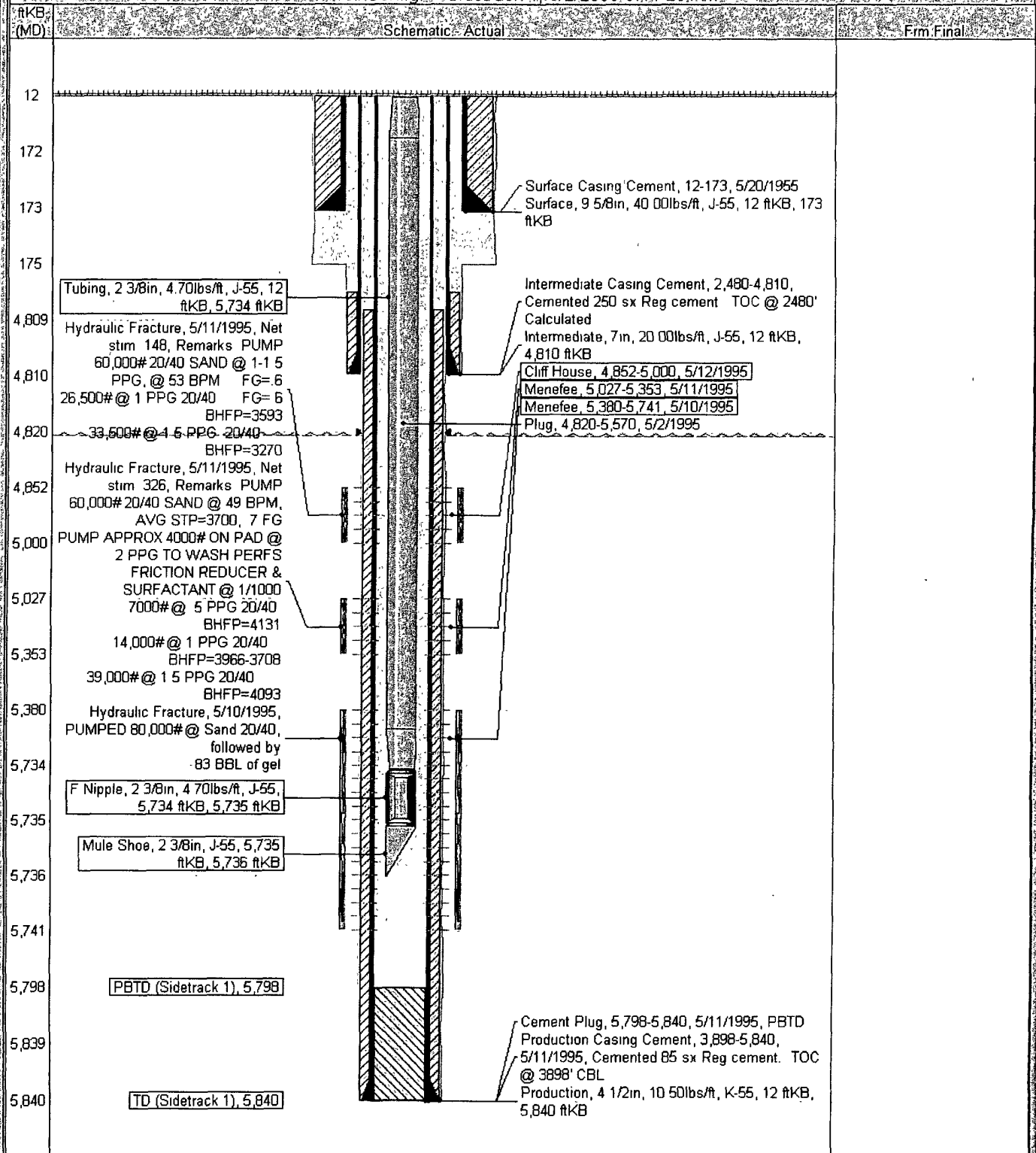
Current Schematic

ConocoPhillips

Well Name: SAN JUAN 28-6 UNIT #27

API / UWI 3003907087	Surface Legal Location 99S FNL 99D FEL 15-027N-00	Field Name BLANCO MV (PRO)	License No #0078	State/Province NEW MEXICO	Well Configuration Type Edit
Ground Elevation (ft) 4,810.00	Original KB Elevation (ft) 4,822.00	KB-Ground Distance (ft) 12.00	KB-Casing Flange Distance (ft) 4,822.00	KB-Tubing Hanger Distance (ft) 4,822.00	

Well Config: Sidetrack 1, 5/2/2008 6:41:28 AM





2030 AFTON PLACE
FARMINGTON, N.M. 87401
(505) 325-6622

ANALYSIS NO. BU280532
CUST. NO. 52100 - 20860

WELL/LEASE INFORMATION

CUSTOMER NAME	CONOCO PHILLIPS COMPANY	SOURCE	INTERMEDIATE
WELL NAME	SAN JUAN 28-6 #27	PRESSURE	330 PSI G
COUNTY/ STATE	RIO ARRIBA NM	SAMPLE TEMP	70 DEG F
LOCATION	A06-27N-15W	WELL FLOWING	N
FIELD		DATE SAMPLED	04/23/2008
FORMATION	MV/DK	SAMPLED BY	WADE HACK
CUST.STN.NO.	71140	FOREMAN/ENGR.	LOPEZ
	A728821SM		

REMARKS LEASE NO: NMSF079365

ANALYSIS

COMPONENT	MOLE %	GPM**	B.T.U *	SP.GR *
NITROGEN	0.690	0.0000	0.00	0.0067
CO2	0.003	0.0000	0.00	0.0000
METHANE	85.953	0.0000	870.10	0.4762
ETHANE	6.921	1.8499	122.76	0.0719
PROPANE	3.989	1.0983	100.60	0.0607
I-BUTANE	0.716	0.2342	23.34	0.0144
N-BUTANE	0.932	0.2938	30.48	0.0187
I-PENTANE	0.299	0.1094	11.99	0.0074
N-PENTANE	0.202	0.0732	8.12	0.0050
HEXANE PLUS	0.295	0.1316	15.60	0.0098
TOTAL	100.000	3.7904	1,182.99	0.6708

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

** @ 14.730 PSIA & 60 DEG. F

COMPRESSIBILITY FACTOR (1/Z)	1.0030	GPM, BTU, and SPG calculations as shown above are based on current GPA factors.
BTU/CU.FT (DRY) CORRECTED FOR (1/Z)	1,186.5	
BTU/CU.FT (WET) CORRECTED FOR (1/Z)	1,166.8	
REAL SPECIFIC GRAVITY	0.6726	

ANALYSIS RUN AT 14.730 PSIA & 60 DEGREES F

DRY BTU @ 14.650	1,180.1	CYLINDER #	40010000
DRY BTU @ 14.696	1,183.8	CYLINDER PRESSURE	336 PSIG
DRY BTU @ 14.730	1,186.5	DATE RUN	04/28/2008
DRY BTU @ 15.025	1,210.3	ANALYSIS RUN BY	ROSEANN MUNIZ

CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

LEASE : SAN JUAN 28-6 #27
STN.NO. : 71140
MTR.NO. : A728821SM

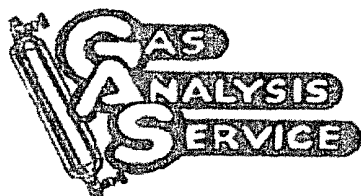
INTERMEDIATE
MV/DK

4/29/2008
52100 - 20860

SMPL DATE 04/23/2008
TEST DATE 04/28/2008
RUN NR. BU280532

NITROGEN 0.690
CO2 0.003
METHANE 85.953
ETHANE 6.921
PROPANE 3.989
I-BUTANE 0.716
N-BUTANE 0.932
I-PENTANE 0.299
N-PENTANE 0.202
HEXANE + 0.295

BTU 1,186.5
GPM 3.7904
SP GRAV. 0.6726



2030 AFTON PLACE
FARMINGTON, N.M. 87401
(505) 325-6622

ANALYSIS NO. BU280530
CUST. NO. 52100 - 20855

WELL/LEASE INFORMATION

CUSTOMER NAME	CONOCO PHILLIPS COMPANY	SOURCE	CASING
WELL NAME	SAN JUAN 28-6 #27	PRESSURE	258 PSI G
COUNTY/ STATE	RIO ARRIBA NM	SAMPLE TEMP	70 DEG.F
LOCATION	A06-27N-15W	WELL FLOWING	N
FIELD		DATE SAMPLED	04/23/2008
FORMATION	MV/DK	SAMPLED BY	WADE HACK
CUST.STN.NO.	71140	FOREMAN/ENGR.	LOPEZ
	A728821SM		

REMARKS LEASE NO: NMSF 079365

ANALYSIS				
COMPONENT	MOLE %	GPM**	B.T.U.*	SP.GR *
NITROGEN	0.320	0.0000	0.00	0.0031
CO2	0.803	0.0000	0.00	0.0122
METHANE	81.038	0.0000	820.35	0.4489
ETHANE	10.052	2.6868	178.30	0.1044
PROPANE	4.660	1.2831	117.53	0.0710
I-BUTANE	0.816	0.2669	26.60	0.0164
N-BUTANE	1.145	0.3610	37.44	0.0230
I-PENTANE	0.409	0.1497	16.40	0.0102
N-PENTANE	0.283	0.1025	11.37	0.0071
HEXANE PLUS	0.474	0.2115	25.07	0.0157
TOTAL	100.000	5.0614	1,233.06	0.7119

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

** @ 14.730 PSIA & 60 DEG F.

COMPRESSIBILITY FACTOR (1/Z)	1.0040	GPM, BTU, and SPG calculations as shown above are based on current GPA factors.
BTU/CU.FT (DRY) CORRECTED FOR (1/Z)	1,237.4	
BTU/CU.FT (WET) CORRECTED FOR (1/Z)	1,216.7	
REAL SPECIFIC GRAVITY	0.7142	

ANALYSIS RUN AT 14.730 PSIA & 60 DEGREES F

DRY BTU @ 14.650	1,230.6	CYLINDER #	61950000
DRY BTU @ 14.696	1,234.5	CYLINDER PRESSURE	256 PSIG
DRY BTU @ 14.730	1,237.4	DATE RUN	04/28/2008
DRY BTU @ 15.025	1,262.2	ANALYSIS RUN BY	ROSEANN MUNIZ

CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

LEASE :	SAN JUAN 28-6 #27	CASING	4/29/2008
STN.NO. :	71140	MV/DK	52100 - 20855
MTR.NO. :	A728821SM		

SMPL DATE	04/23/2008
TEST DATE	04/28/2008
RUN NR.	BU280530

NITROGEN	0.320
CO2	0.803
METHANE	81.038
ETHANE	10.052
PROPANE	4.660
I-BUTANE	0.816
N-BUTANE	1.145
I-PENTANE	0.409
N-PENTANE	0.283
HEXANE +	0.474

BTU	1,237.4
GPM	5.0614
SP.GRAV.	0.7142

API No: 30039070870000
Well Name: SAN JUAN 28-6 UNIT 27
Foreman: 24 - Joey Becker
Route/MSO: 450 - Wade Hack

Approved Date: 8/12/2008 4:34:00 PM
Rejected Date:
Submitted Date: 8/13/2008 8:24:00 AM

Approve
Reject
Test History
Delete

Test Date: 7/17/2008
Flow Status: Flowing
Initial Pressures: Tubing 103, Intermediate 349, Casing 151, Bradenhead 0

Testing Time (minutes)	Pressures					Flow Desc	BH	INT	Water Flow		
	BHD	INT	CSG	INT	CSG						
5	0		151	80	110	Steady Flow	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
10	0		151	10	154	Surges	<input type="checkbox"/>	<input type="checkbox"/>	Clear	<input type="checkbox"/>	<input type="checkbox"/>
15	0		151	0	153	Down to Nothing	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Fresh	<input type="checkbox"/>	<input type="checkbox"/>
20						Nothing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Salty	<input type="checkbox"/>	<input type="checkbox"/>
25						Gas	<input type="checkbox"/>	<input type="checkbox"/>	Sulfur	<input type="checkbox"/>	<input type="checkbox"/>
30						Gas & Water	<input type="checkbox"/>	<input type="checkbox"/>	Black	<input type="checkbox"/>	<input type="checkbox"/>
5 Min SI	0			9		Water	<input type="checkbox"/>	<input type="checkbox"/>	Muddy	<input type="checkbox"/>	<input type="checkbox"/>

Remarks (255 char max)
Intermediate blew down to nothing after 10 min. Re-test performed by Wade Hack

Test Entry Date: 8/12/2008 4:31:00 PM
Tested by: monrotn
Witness: Shelly Cowden

Close