

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

RECEIVED**APR 14 2008****Sundry Notices and Reports on Wells**Bureau of Land Management
Farmington Field Office

1. **Type of Well**
GAS

2. **Name of Operator**

BURLINGTON**RESOURCES OIL & GAS COMPANY LP**

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

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

4. **Location of Well, Footage, Sec., T, R, M**
Sec., T—N, R—W, NMPM

Unit M (SWSW), 990' FSL & 990' FWL, Sec. 29, T27N, R5W NMPM

5. **Lease Number**
SF-079392

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

7. **Unit Agreement Name**

San Juan 27-5 Unit

8. **Well Name & Number**

San Juan 27-5 Unit 17

9. **API Well No.**

30-039-06876

10. **Field and Pool**

Blanco MV

11. **County and State**

Rio Arriba, 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 : Non Repair INT**13. Describe Proposed or Completed Operations**

Burlington Resources requests approval for non-repair of the intermediate casing. Please see the attached proposal and WBD.

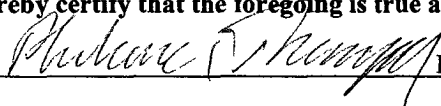
RCVD APR 16 '08

OIL CONS. DIV.

DIST. 3

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

Signed



Philana Thompson

Title Regulatory TechDate 4/14/08

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title _____Date APR 15 2008CONDITION OF APPROVAL, if any: Original Signed: Stephen Mason

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 

m

**San Juan San Juan 27-5 Unit #17
Proposal to Not Repair Intermediate Casing**

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: Lewis/MV

TD: 5,475'

Surface Casing: 10-3/4" 32.75 #/ft set at 175' with cement circulated to surface
Intermediate Casing: 7" 24.0 #/ft H-40 set at 3,228' a TOC @ 2,285' (by TS)
Production Casing: 5-1/2" 15.50 #/ft set at 5,475' with a TOC @ 3,600' (by CBL)

Perforations: 3,652'-4,753' (L)
4,805'-4,880' (MV)
5,294'-5,387' (MV)

Formation Tops:

Ojo Alamo	2,518
Picture Cliffs	3,126
Lewis	3,652
Cliff House:	4,753
Menefee:	4,990
Point Lookout:	5,253

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
3-25-08

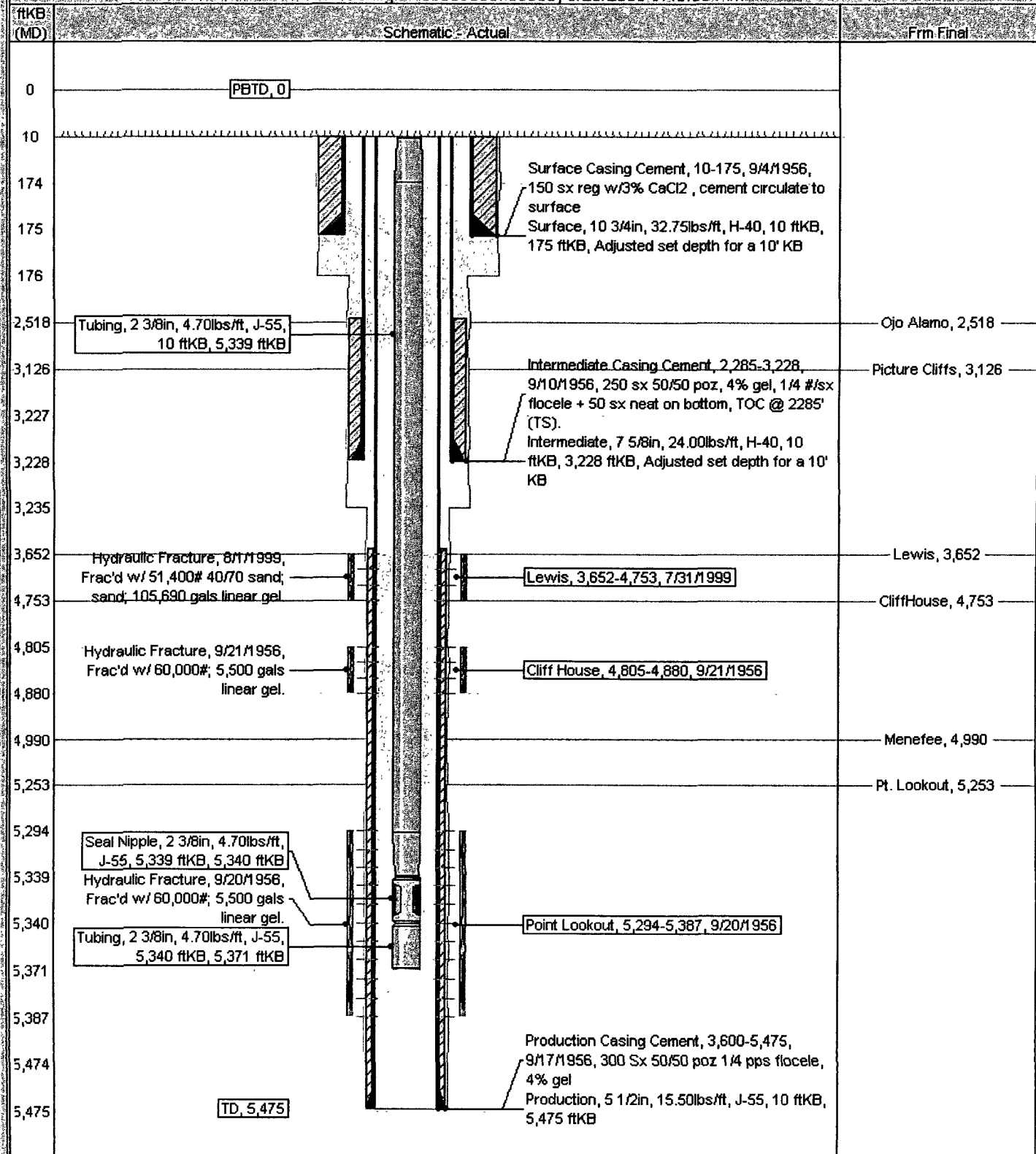
Current Schematic

ConocoPhillips

Well Name: SAN JUAN 27.5 UNIT #17

API/UNWI 3003906876	Surface Legal Location NMPM, 029-027N-005W	Field Name BLANCO MESQUITA, (PRODUCED)	License No.	State/Province NEW MEXICO	Well Configuration Type Edit
Ground Elevation (ft) 6,404.00	Original KB Elevation (ft) 6,414.00	KB-Gravel Distance (ft) 10.00	KB-Casing Flange Distance (ft) 6,414.00	KB-Tubing Hanger Distance (ft) 6,414.00	

Well Config: 30039068760000, 3/25/2008 9:40:06 AM





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

ANALYSIS NO. BU280394
CUST. NO. 52100 - 20805

WELL/LEASE INFORMATION

CUSTOMER NAME	CONOCO PHILLIPS COMPANY	SOURCE	INT CSG
WELL NAME	SJ 27-5 #17	PRESSURE	197 PSI G
COUNTY/ STATE	RIO ARRIBA NM	SAMPLE TEMP	N/A DEG.F
LOCATION		WELL FLOWING	Y
FIELD		DATE SAMPLED	03/30/2008
FORMATION		SAMPLED BY	WAYNE
CUST.STN.NO.	71473015 A728810SM	FOREMAN/ENGR.	DOUGLAS MONTOYA
REMARKS	SF 079392		

ANALYSIS				
COMPONENT	MOLE %	GPM**	B.T.U.*	SP.GR *
NITROGEN	0.632	0.0000	0.00	0.0061
CO2	0.005	0.0000	0.00	0.0001
METHANE	88.033	0.0000	891.16	0.4877
ETHANE	6.014	1.6075	106.68	0.0624
PROPANE	3.367	0.9271	84.92	0.0513
I-BUTANE	0.855	0.2797	27.87	0.0172
N-BUTANE	0.692	0.2182	22.63	0.0139
I-PENTANE	0.202	0.0739	8.10	0.0050
N-PENTANE	0.104	0.0377	4.18	0.0026
HEXANE PLUS	0.096	0.0428	5.08	0.0032
TOTAL	100.000	3.1868	1,150.62	0.6494

* @ 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
BTU/CU.FT (DRY) CORRECTED FOR (1/Z)	1,153.8	above are based on current GPA factors.
BTU/CU.FT (WET) CORRECTED FOR (1/Z)	1,134.6	
REAL SPECIFIC GRAVITY	0.6511	

ANALYSIS RUN AT 14.730 PSIA & 60 DEGREES F

DRY BTU @ 14.650	1,147.6	CYLINDER #	61720000
DRY BTU @ 14.696	1,151.2	CYLINDER PRESSURE	194 PSIG
DRY BTU @ 14.730	1,153.8	DATE RUN	03/24/2008
DRY BTU @ 15.025	1,176.9	ANALYSIS RUN BY	TIFFANI MONTOYA

CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

LEASE : SJ 27-5 #17 INT CSG 3/25/2008
STN.NO. : 71473015 52100 - 20805
MTR.NO. : A728810SM

SMPL DATE	03/30/2008
TEST DATE	03/24/2008
RUN NR.	BU280394
NITROGEN	0.632
CO2	0.005
METHANE	88.033
ETHANE	6.014
PROPANE	3.367
I-BUTANE	0.855
N-BUTANE	0.692
I-PENTANE	0.202
N-PENTANE	0.104
HEXANE +	0.096
BTU	1,153.8
GPM	3.1868
SP.GRAV.	0.6511



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

ANALYSIS NO. BU280393
CUST. NO. 52100 - 20800

WELL/LEASE INFORMATION

CUSTOMER NAME	CONOCO PHILLIPS COMPANY	SOURCE	CASING
WELL NAME	SJ 27-5 #17	PRESSURE	187 PSI G
COUNTY/ STATE	RIO ARRIBA NM	SAMPLE TEMP	N/A DEG.F
LOCATION		WELL FLOWING	Y
FIELD		DATE SAMPLED	03/20/2008
FORMATION		SAMPLED BY	
CUST.STN.NO.	71473015 A728811SM	FOREMAN/ENGR.	DOUGLAS MONTOYA

REMARKS SF 079392

COMPONENT	MOLE %	ANALYSIS		
		GPM**	B.T.U.*	SP.GR *
NITROGEN	0.538	0.0000	0.00	0.0052
CO2	0.020	0.0000	0.00	0.0003
METHANE	88.697	0.0000	897.88	0.4914
ETHANE	6.068	1.6219	107.63	0.0630
PROPANE	2.813	0.7745	70.94	0.0428
I-BUTANE	0.399	0.1305	13.01	0.0080
N-BUTANE	0.698	0.2200	22.82	0.0140
I-PENTANE	0.201	0.0736	8.06	0.0050
N-PENTANE	0.162	0.0587	6.51	0.0040
HEXANE PLUS	0.404	0.1803	21.37	0.0134
TOTAL	100.000	3.0595	1,148.22	0.6471

* @ 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)	1,151.4	
BTU/CU.FT (WET) CORRECTED FOR (1/Z)	1,132.3	
REAL SPECIFIC GRAVITY	0.6487	

ANALYSIS RUN AT 14.730 PSIA & 60 DEGREES F

DRY BTU @ 14.650	1,145.2	CYLINDER #	62280000
DRY BTU @ 14.696	1,148.8	CYLINDER PRESSURE	175 PSIG
DRY BTU @ 14.730	1,151.4	DATE RUN	03/24/2008
DRY BTU @ 15.025	1,174.5	ANALYSIS RUN BY	DERECK RHODEN

CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

LEASE :	SJ 27-5 #17	CASING	3/25/2008	
STN.NO.:	71473015		52100 -	20800
MTR.NO.:	A728811SM			

SMPL DATE	03/20/2008
TEST DATE	03/24/2008
RUN NR.	BU280393

NITROGEN	0.538
CO2	0.020
METHANE	88.697
ETHANE	6.068
PROPANE	2.813
I-BUTANE	0.399
N-BUTANE	0.698
I-PENTANE	0.201
N-PENTANE	0.162
HEXANE +	0.404

BTU	1,151.4
GPM	3.0595
SP.GRAV.	0.6487

**NEW MEXICO ENERGY, MINERALS
and NATURAL RESOURCES
DEPARTMENT**

BRADENHEAD TEST REPORT

Date of Test 8/16/2007 Operator BR API 30039068760000
 Property Name SAN JUAN 27-5 UNIT Well No. 17 Unit M Section 29
 Well Status Flowing Township 027N Range 005W
 Tubing 163 Intermediate 198 Casing 181 Bradenhead 0

TIME (minutes)	Bradenhead PSIs		
	BHD	INT	CSG
5	0	198	181
10	0	198	181
15	0	198	181
20			
25			
30			

TIME (minutes)	Intermediate PSIs	
	INT	CSG
5	20	181
10	14	180
15	10	178
20	5	178
25	0.5	177
30	0.3	177

5 Minute Shut-In Bradenhead 0 Intermediate 1

Flow Characteristics	BHD	INT
Steady Flow	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Surges	<input type="checkbox"/>	<input type="checkbox"/>
Down to Nothing	<input type="checkbox"/>	<input type="checkbox"/>
Nothing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Gas	<input type="checkbox"/>	<input type="checkbox"/>
Gas and Water	<input type="checkbox"/>	<input type="checkbox"/>
Water	<input type="checkbox"/>	<input type="checkbox"/>

Water Flow	BHD	INT
Clear	<input type="checkbox"/>	<input type="checkbox"/>
Fresh	<input type="checkbox"/>	<input type="checkbox"/>
Salty	<input type="checkbox"/>	<input type="checkbox"/>
Sulfur	<input type="checkbox"/>	<input type="checkbox"/>
Black	<input type="checkbox"/>	<input type="checkbox"/>
Muddy	<input type="checkbox"/>	<input type="checkbox"/>

Tested By Wayne Peace Witness _____

Remarks

Shelly Cowen gave verbal ok to test well. Intermediate would never blow completely down. Steady light blow.