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
May 27, 2004

WELL API NO.
30-039-26086

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
E-290

RCVD FEB 29 '08

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
Johnston A

OIL CONS. DIV.

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

8. Well Number
13M

DIST. 3

2. Name of Operator
Burlington Resources Oil & Gas Company LP

9. OGRID Number
14538

3. Address of Operator
3401 E. 30th Street, Farmington, NM 87402

10. Pool name or Wildcat
Blanco MV/Basin DK/ South Blanco Tocito

4. Well Location

Unit Letter **O** : **950** feet from the South line and **1670** feet from the **East** line

Section **36** Township **27N** Range **6W** NMPM County Rio Arriba

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*
6563' KB

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type_____ **Depth to Groundwater**_____ **Distance from nearest fresh water well**_____ **Distance from nearest surface water**_____

Pit Liner Thickness: _____ **mil** **Below-Grade Tank: Volume** _____ **bbls; Construction Material** _____

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	☐		
OTHER: ☒ Non Repair of INT CSG				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.

Burlington requests approval for non repair of the intermediate casing. Please attached proposal & WBD.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. **I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.**

SIGNATURE _____ TITLE Regulatory Tech DATE 2/28/08

Type or print name Philana Thompson E-mail address: thomppp@conocophillips.com Telephone No. 505-326-9530

For State Use Only

APPROVED BY: H. Villanueva TITLE Deputy Oil & Gas Inspector, District #3 DATE FEB 29 2008

Conditions of Approval (if any):

B

San Juan Johnston A #13M
Proposal to Not Repair Intermediate Casing

The Johnston A #13M 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: MV/DK
TD: 7,641'
PBTD: 7,625'

Surface Casing: 9-5/8" 32.3 #/ft set at 227' with cement circulated to surface
Intermediate Casing: 7" 23.0 #/ft J-55 set at 3,381' circulated to surface
Production Casing: 4-1/2" 10.50 #/ft set at 7,627' with a TOC @ 3,188' (by CBL)

Perforations:
4,746'-5,242' (MV)
5,654'-5,762' (MV)
6,900'-6,910' (DK)
7.364'-7,580' (DK)

Formation Tops:

Cliff House:	4,644
Menefee:	4,933
Point Lookout:	5,371
Mancos	5,791
Gallup:	6,400
Greenhorn:	7,273
Graneros:	7,333
Dakota:	7,364

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
2-11-08

CURRENT SCHEMATIC

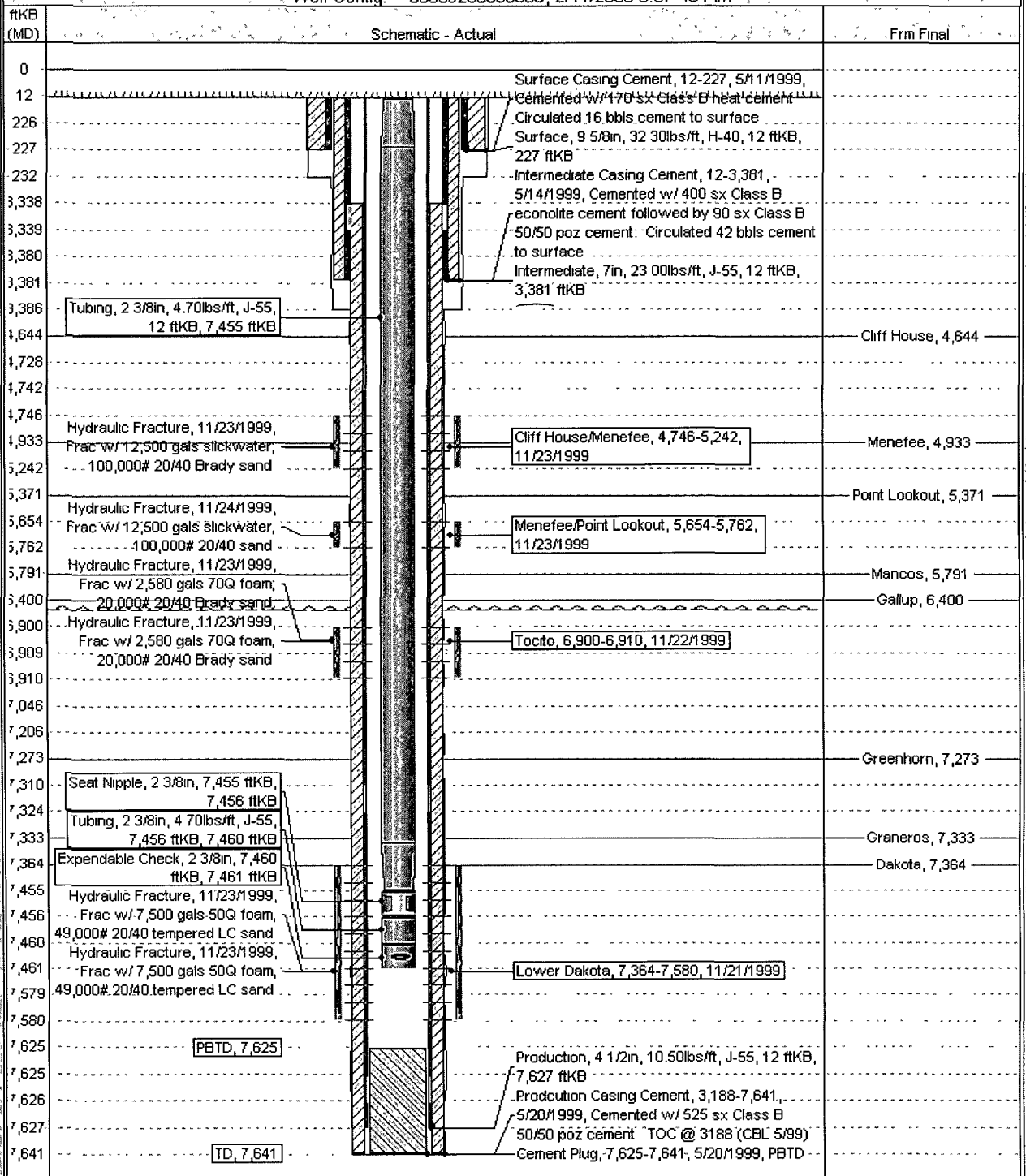
ConocoPhillips

JOHNSTON A #13M

District	Field Name	API / UWI	County	State/Province	Edit
SOUTH		3003926086	RIO ARRIBA	NEW MEXICO	

Original Spud Date	Surface Legal Location	E/W Dist (ft)	E/W Ref	N/S Dist (ft)	N/S Ref
5/10/1999	950-FSL, 1670-FEL, 36-027N-006W	1,670.00	E	950.00	S

Well Config: - 30039260860000, 2/11/2008 6:57:48 AM



Report Printed: 2/11/2008

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

ANALYSIS NO. BU280212
CUST. NO. 52100 - 20665

WELL/LEASE INFORMATION

CUSTOMER NAME	CONOCO PHILLIPS COMPANY	SOURCE	INTERMEDIATE
WELL NAME	JOHNSTON A 13M	PRESSURE	170 PSI G
COUNTY/ STATE	RIO ARRIBA NM	SAMPLE TEMP	N/A DEG.F
LOCATION		WELL FLOWING	Y
FIELD		DATE SAMPLED	01/28/2008
FORMATION	MV/DK/GL	SAMPLED BY	WAYNE PEACE
CUST.STN.NO.	99733	FOREMAN/ENGR.	
	A02297303		

REMARKS LEASE: E-290

ANALYSIS

COMPONENT	MOLE %	GPM**	B.T.U.*	SP.GR *
NITROGEN	0 609	0.0000	0.00	0.0059
CO2	1.176	0.0000	0.00	0.0179
METHANE	92.567	0.0000	937.06	0.5128
ETHANE	5.042	1.3477	89 43	0 0524
PROPANE	0.393	0 1082	9.91	0.0060
I-BUTANE	0.055	0 0180	1.79	0.0011
N-BUTANE	0.063	0.0199	2.06	0.0013
I-PENTANE	0.022	0.0081	0.88	0.0005
N-PENTANE	0.013	0.0047	0.52	0.0003
HEXANE PLUS	0.060	0.0268	3.17	0.0020
TOTAL	100.000	1.5333	1,044.82	0.6001

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY
** @ 14.730 PSIA & 60 DEG. F.

COMPRESSIBLITY FACTOR	(1/Z)	1.0020
BTU/CU.FT (DRY) CORRECTED FOR	(1/Z)	1,047.2
BTU/CU FT (WET) CORRECTED FOR	(1/Z)	1,029.9
REAL SPECIFIC GRAVITY		0 6013

GPM, BTU, and SPG calculations as shown above are based on current GPA factors.

ANALYSIS RUN AT 14.730 PSIA & 60 DEGREES F

DRY BTU @ 14.650	1,041.5
DRY BTU @ 14.696	1,044.8
DRY BTU @ 14.730	1,047.2
DRY BTU @ 15.025	1,068 2

CYLINDER #	62040000
CYLINDER PRESSURE	164 PSIG
DATE RUN	01/30/2008
ANALYSIS RUN BY	ROSEANN MUNIZ

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

ANALYSIS NO. BU280211
CUST. NO. 52100 - 20660

WELL/LEASE INFORMATION

CUSTOMER NAME	CONOCO PHILLIPS COMPANY	SOURCE	CASING
WELL NAME	JOHNSTON A 13M	PRESSURE	170 PSI G
COUNTY/ STATE	RIO ARRIBA NM	SAMPLE TEMP	N/A DEG F
LOCATION		WELL FLOWING	Y
FIELD		DATE SAMPLED	01/28/2008
FORMATION	MV/DK/GL	SAMPLED BY	WAYNE PEACE
CUST.STN.NO.	99733 A02297303	FOREMAN/ENGR.	

REMARKS LEASE: E-290

ANALYSIS

COMPONENT	MOLE %	GPM**	B.T.U.*	SP.GR *
NITROGEN	0 605	0.0000	0.00	0.0059
CO2	1.177	0.0000	0.00	0.0179
METHANE	92.551	0.0000	936.89	0.5127
ETHANE	5.078	1.3573	90.07	0.0527
PROPANE	0.394	0.1085	9.94	0.0060
I-BUTANE	0.054	0.0177	1.76	0.0011
N-BUTANE	0 062	0.0195	2.03	0.0012
I-PENTANE	0.021	0 0077	0.84	0.0005
N-PENTANE	0 013	0.0047	0 52	0.0003
HEXANE PLUS	0.045	0.0201	2.38	0.0015
TOTAL	100.000	1.5355	1,044.43	0.5998

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY
** @ 14.730 PSIA & 60 DEG. F.

COMPRESSIBLITY FACTOR	(1/Z)	1.0020
BTU/CU.FT (DRY) CORRECTED FOR	(1/Z)	1,046.8
BTU/CU.FT (WET) CORRECTED FOR	(1/Z)	1,029.5
REAL SPECIFIC GRAVITY		0.6009

GPM, BTU, and SPG calculations as shown above are based on current GPA factors

ANALYSIS RUN AT 14.730 PSIA & 60 DEGREES F

DRY BTU @ 14.650	1,041.2	CYLINDER #	61480000
DRY BTU @ 14.696	1,044.4	CYLINDER PRESSURE	178 PSIG
DRY BTU @ 14.730	1,046 8	DATE RUN	01/30/2008
DRY BTU @ 15.025	1,067.8	ANALYSIS RUN BY	ROSEANN MUNIZ

CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

LEASE :	JOHNSTON A 13M	CASING	2/8/2008
STN.NO. :	99733	MV/DK/GL	52100 - 20660
MTR.NO. :	A02297303		

SMPL DATE	01/28/2008
TEST DATE	01/30/2008
RUN NR.	BU280211
NITROGEN	0.605
CO2	1.177
METHANE	92 551
ETHANE	5.078
PROPANE	0.394
I-BUTANE	0.054
N-BUTANE	0.062
I-PENTANE	0.021
N-PENTANE	0.013
HEXANE +	0.045
BTU	1,046.8
GPM	1.5355
SP GRAV	0.6009

Bradenhead Re-Test Form

Use this form to document all re-test information. Please enter in all information using N/A where appropriate.

Well Information	
Well Name & Number:	Johnston A13M
API:	30-039-26086
Section:	36
Township:	027N
Range:	006W

Test Information	
Date of Re-Test:	10/31/07
Well Status: Prod ~ SI ~ TA	Producing
Initial Pressures	
TBG: 142.7	INT: 185.4
CSG: 186	BH: 0

BRADENHEAD
Intermediate

Test Time	BH	CSG	INT	INT	CSG
5 minutes:	0	186	185.4	100	186
10 minutes:	0	186	185.4	100	184
15 minutes:	0	186	185.4	100	183
20 minutes:				100	183
25 minutes:				100	183
30 minutes:				100	186
				100	186
End of Test 5 minute SI:	0			195.4	

Flow Characteristics	BH	INT
Steady Flow:		yes
Surges:		
Down to Nothing	yes	
No Flow:		
Gas:		
Water:		

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BRADENHEAD TEST REPORT

Date of Test 8/13/2007 Operator Burlington Resources API 30039260860000

Property Name JOHNSTON A Well No. 13M Unit O Section 36

Well Status Flowing Township 027N Range 006W

Tubing 332 Intermediate 332 Casing 333 Bradenhead 0

TIME (minutes)	Bradenhead PSIs BHD	INT	CSG
5	0	332	333
10	0	332	333
15	0	332	333
20			
25			
30			

TIME (minutes)	Intermediate PSIs INT	CSG
5	332	333
10	332	333
15	332	333
20	332	333
25	332	333
30	332	333

5 Minute Shut-In Bradenhead 0 Intermediate 332

Flow Characteristics	BHD	INT
Steady Flow	☐	☑
Surges	☐	☐
Down to Nothing	☐	☐
Nothing	☑	☐
Gas	☐	☐
Gas and Water	☐	☑
Water	☐	☐

Water Flow	BHD	INT
Clear	☐	☐
Fresh	☐	☐
Salty	☐	☐
Sulfur	☐	☐
Black	☐	☑
Muddy	☐	☐

Tested By Wayne Peace Witness

Remarks

Tried blowing intermediate and got instant fluid. Fluid was black and smelt like drip. I took a sample of fluid. Bradenhead had zero pounds. Intermediate and Casing was equalized.