

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

DEC 15 2008

Sundry Notices and Reports on Wells

Bureau of Land Management
Farmington Field Office1. Type of Well
GAS5. Lease Number
NMSF-0807816. If Indian, All. or
Tribe Name

7. Unit Agreement Name

2. Name of Operator

BURLINGTON

RESOURCES OIL & GAS COMPANY LP

3. Address & Phone No. of Operator

P.O. Box 4289, Farmington, NM 87499

8. Well Name & Number
Cain 16E

9. API Well No.

30-045-36850 25740

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

Unit I (NESE), 1555' FSL & 1210' FEL, Section 30, T29N, R9W, NMPM

10. Field and Pool
Basin Dakota11. County and State
San Juan Co., NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

Type of Action

☐ Notice of Intent☐ Abandonment☐ Change of Plans☒ Other - Gas & Water Sample on BH☒ Subsequent Report☐ Recompletion☐ New Construction☐ Final Abandonment☐ Plugging☐ Non-Routine Fracturing☐ Casing Repair☐ Water Shut off☐ Altering Casing☐ Conversion to Injection

13. Describe Proposed or Completed Operations

Burlington Resources filed a request to not repair the bradenhead on subject well on 11/24/08. Reference: RBDMS KGR0828054016 repair of bradenhead was to be completed by 1/9/2009.

Jim Lovato with the BLM requested a further analysis of water production. The following is a summary of events from 12/10/08. See attached.

ACCEPTED FOR
OCD RECORDRCVD JAN 7 '09
OIL CONS. DIV.
DIST. 3

Attached - gas analysis, water analysis will be provided once received.

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

Signed Tracey N. Monroe Tracey N. Monroe Title Staff Regulatory Technician Date 12/15/08

ACCEPTED FOR RECORD

(This space for Federal or State Office use)

APPROVED BY _____ Title _____

Date JAN 05 2009

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

FARMINGTON FIELD OFFICE
BY [Signature]

NMOC

Cain 16E
API # 30-045-36850

Events occurred on 12/10/08

10:00 am- Jim Lovato (BLM), Val, David Bixler (COP) and the Nalco crew arrived on location.

10:26 am- the Bradenhead test was performed. There was 39 psi pressure on the Bradenhead and 595 psi on tubing and casing pressure. An initial water sample was retrieved by Nalco.

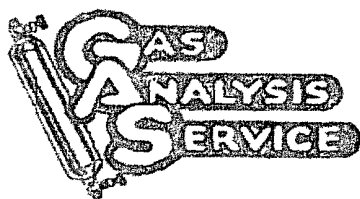
11:00 am – Paul Nguyen, Asif Bari and Wahyu Prabowo (COP) arrived on location. After 30 minutes the casing and tubing pressure remains at 595 psi.

11:26 am - the bradenhead was shut-in for about 15 minutes to see the pressure build up. The water flowrate is 4 bbl/hr. The bradenhead water is dark and has traces of sulfur which is identified by the smell.

11:35 am - The pressure measured to be 38 psi and a short burst of gas was released from the bradenhead which blew down in a couple of seconds followed by a continuous water flow. A second sample of water was retrieved by Nalco.

12:00 pm -The plan is to leave the water flowing until 3:00 pm. Then, Nalco will retrieve another sample of the water from the bradenhead. According to Jim Lovato, the chlorides from the water analysis would indicate fresh water; however, the total dissolved solids entrained in the sample indicate a saline water which could possibly come from the Fruitland Coal Zone. Therefore, Bob Durbin from Gas Analysis service will come out to retrieve the gas samples from the bradenhead for Cain 16 E and Cain 100S (Fruitland Coal formation).

2:40 pm - David Bixler shut-in the bradenhead and there was 22.5 bbl of water came out since 10:26 am. Bob Durbin came and collected gas samples.



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

ANALYSIS NO. BU281606
CUST. NO. 52100 - 21375

WELL/LEASE INFORMATION

CUSTOMER NAME	CONOCO PHILLIPS COMPANY	SOURCE	BRADENHEAD
WELL NAME	CAIN #16E	PRESSURE	35 PSI G
COUNTY/ STATE	SAN JUAN NM	SAMPLE TEMP	N/A DEG F
LOCATION	30-29N-09W	WELL FLOWING	Y
FIELD		DATE SAMPLED	12/10/2008
FORMATION	MESA VERDE	SAMPLED BY	DERECK RHODEN
CUST.STN.NO.	A726722SM	FOREMAN/ENGR.	

REMARKS H2S= 120 PPM
SF080781

ANALYSIS				
COMPONENT	MOLE %	GPM**	BTU*	SP GR *
NITROGEN	2.780	0.0000	0.00	0.0269
CO2	0.073	0.0000	0.00	0.0011
METHANE	86.917	0.0000	879.86	0.4815
ETHANE	6.153	1.6446	109.14	0.0639
PROPANE	2.344	0.6454	59.12	0.0357
I-BUTANE	0.651	0.2129	21.22	0.0131
N-BUTANE	0.518	0.1633	16.94	0.0104
I-PENTANE	0.276	0.1010	11.07	0.0069
N-PENTANE	0.089	0.0322	3.58	0.0022
HEXANE PLUS	0.199	0.0888	10.52	0.0066
TOTAL	100.000	2.8883	1,111.45	0.6482

* @ 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)	1,114.4	
BTU/CU.FT (WET) CORRECTED FOR (1/Z)	1,095.9	
REAL SPECIFIC GRAVITY	0.6498	

ANALYSIS RUN AT 14.730 PSIA & 60 DEGREES F

DRY BTU @ 14.650	1,108.4	CYLINDER #	6047
DRY BTU @ 14.696	1,111.9	CYLINDER PRESSURE	22 PSIG
DRY BTU @ 14.730	1,114.4	DATE RUN	12/11/2008
DRY BTU @ 15.025	1,136.8	ANALYSIS RUN BY	AMANDA FLOREZ

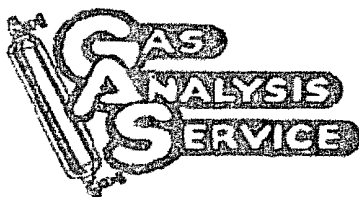
CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

LEASE :	CAIN #16E	BRADENHEAD	12/11/2008
STN.NO. :		MESA VERDE	52100 - 21375
MTR.NO. :	A726722SM		

SMPL DATE	12/10/2008
TEST DATE	12/11/2008
RUN NR	BU281606

NITROGEN	2 780
CO2	0.073
METHANE	86.917
ETHANE	6 153
PROPANE	2.344
I-BUTANE	0.651
N-BUTANE	0.518
I-PENTANE	0.276
N-PENTANE	0.089
HEXANE +	0.199

BTU	1,114.4
GPM	2 8883
SP.GRAV	0.6498



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

ANALYSIS NO. BU281607
CUST. NO. 52100 - 21375

WELL/LEASE INFORMATION

CUSTOMER NAME	CONOCO PHILLIPS COMPANY	SOURCE	BRADENHEAD
WELL NAME	CAIN #16E	PRESSURE	35 PSI G
COUNTY/ STATE	SAN JUAN NM	SAMPLE TEMP	N/A DEG F
LOCATION	30-29N-09W	WELL FLOWING	Y
FIELD		DATE SAMPLED	12/10/2008
FORMATION	MESA VERDE	SAMPLED BY	DERECK RHODEN
CUST.STN.NO.	A726722SM	FOREMAN/ENGR.	

REMARKS H2S= 226 PPM AFTER FLOWED TO PIT APPROX. 10 MINUTES.
SF080781

ANALYSIS				
COMPONENT	MOLE %	GPM**	B T U *	SP GR *
NITROGEN	2.874	0.0000	0.00	0.0278
CO2	0.069	0.0000	0.00	0.0010
METHANE	86.936	0.0000	880.05	0.4816
ETHANE	6.079	1.6249	107.83	0.0631
PROPANE	2.321	0.6391	58.54	0.0353
I-BUTANE	0.649	0.2123	21.15	0.0130
N-BUTANE	0.513	0.1617	16.77	0.0103
I-PENTANE	0.271	0.0992	10.87	0.0068
N-PENTANE	0.087	0.0315	3.50	0.0022
HEXANE PLUS	0.201	0.0897	10.63	0.0067
TOTAL	100.000	2.8583	1,109.34	0.6478

* @ 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)	1,112.3	
BTU/CU.FT (WET) CORRECTED FOR (1/Z)	1,093.9	
REAL SPECIFIC GRAVITY	0.6493	

ANALYSIS RUN AT 14.730 PSIA & 60 DEGREES F

DRY BTU @ 14.650	1,106.3	CYLINDER #	4177
DRY BTU @ 14.696	1,109.8	CYLINDER PRESSURE	21 PSIG
DRY BTU @ 14.730	1,112.3	DATE RUN	12/11/2008
DRY BTU @ 15 025	1,134.6	ANALYSIS RUN BY	AMANDA FLOREZ

CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

LEASE : CAIN #16E

BRADENHEAD

12/11/2008

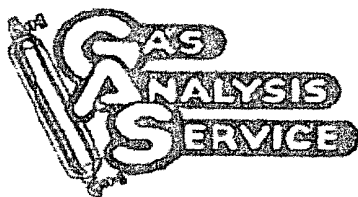
STN.NO.:

MESA VERDE

52100 - 21375

MTR.NO. : A726722SM

SMPL DATE	12/10/2008	12/10/2008
TEST DATE	12/11/2008	12/11/2008
RUN NR.	BU281607	BU281606
NITROGEN	2.874	2.780
CO2	0.069	0.073
METHANE	86.936	86.917
ETHANE	6.079	6.153
PROPANE	2.321	2.344
I-BUTANE	0.649	0.651
N-BUTANE	0.513	0.518
I-PENTANE	0.271	0.276
N-PENTANE	0.087	0.089
HEXANE +	0.201	0.199
BTU	1,112.3	1,114.4
GPM	2,858.3	2,888.3
SP.GRAV.	0.6493	0.6498



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

ANALYSIS NO. BU281608
CUST. NO. 52100 - 21380

WELL/LEASE INFORMATION

CUSTOMER NAME	CONOCO PHILLIPS COMPANY	SOURCE	METER RUN
WELL NAME	CAIN #100S	PRESSURE	155 PSI G
COUNTY/ STATE	SAN JUAN NM	SAMPLE TEMP	52 DEG F
LOCATION	30-29N-09W	WELL FLOWING	Y
FIELD		DATE SAMPLED	12/10/2008
FORMATION	FC/CH	SAMPLED BY	DERECK RHODEN
CUST.STN.NO.	36720301 A727938SM	FOREMAN/ENGR.	

REMARKS H2S= NOT DETECTED
SF080781

ANALYSIS				
COMPONENT	MOLE %	GPM**	B T.U.*	SP GR *
NITROGEN	0.242	0.0000	0.00	0.0023
CO2	1.013	0.0000	0.00	0.0154
METHANE	92.368	0.0000	935.04	0.5117
ETHANE	4.390	1.1734	77.87	0.0456
PROPANE	1.287	0.3544	32.46	0.0196
I-BUTANE	0.263	0.0860	8.57	0.0053
N-BUTANE	0.179	0.0564	5.85	0.0036
I-PENTANE	0.072	0.0263	2.89	0.0018
N-PENTANE	0.038	0.0138	1.53	0.0009
HEXANE PLUS	0.148	0.0660	7.83	0.0049
TOTAL	100.000	1.7764	1,072.04	0.6111

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

** @ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z)	1.0020	GPM, BTU, and SPG calculations as shown
BTU/CU.FT (DRY) CORRECTED FOR (1/Z)	1,074.6	above are based on current GPA factors.
BTU/CU.FT (WET) CORRECTED FOR (1/Z)	1,056.8	
REAL SPECIFIC GRAVITY	0.6123	

ANALYSIS RUN AT 14.730 PSIA & 60 DEGREES F

DRY BTU @ 14.650	1,068.8	CYLINDER #	4025
DRY BTU @ 14.696	1,072.1	CYLINDER PRESSURE	139 PSIG
DRY BTU @ 14.730	1,074.6	DATE RUN	12/11/2008
DRY BTU @ 15.025	1,096.1	ANALYSIS RUN BY	AMANDA FLOREZ

CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

LEASE :	CAIN #100S	METER RUN	12/11/2008
STN.NO. :	36720301	FC/CH	52100 - 21380
MTR.NO. :	A727938SM		

SMPL DATE	12/10/2008
TEST DATE	12/11/2008
RUN NR.	BU281608
NITROGEN	0.242
CO2	1.013
METHANE	92.368
ETHANE	4.390
PROPANE	1.287
I-BUTANE	0.263
N-BUTANE	0.179
I-PENTANE	0.072
N-PENTANE	0.038
HEXANE +	0.148
BTU	1,074.6
GPM	1.7764
SP GRAV.	0.6123