

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

JAN 23 2009

Sundry Notices and Reports on Wells

Bureau of Land Management
Farmington Field Office

1. Type of Well
GAS

5. Lease Number
SF-078578

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

2. Name of Operator

BURLINGTON

RESOURCES OIL & GAS COMPANY LP

8. Well Name & Number
Howell K #4

3. Address & Phone No. of Operator

P.O. Box 4289, Farmington, NM 87499

9. API Well No.

30-045-09510

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

Unit H (SENE), 1600' FNL & 940' FEL, Section 17, T30N, R8W, NMPM

10. Field and Pool
Blanco Mesa Verde

11. County and State
San Juan 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 - No Further Remediation Required

13. Describe Proposed or Completed Operations

Per notice from the OCD, reference: RBDMS KGR0828150193 remedial activity was to be initiated before January 9, 2009 for subject well regarding failed a bradenhead test.

Re-test of Bradenhead on 1/21/09 showed no further remediation required per Kelly Roberts OCD on 1/22/09.

Attached: wellbore schematic & gas analysis

RCVD JAN 29 '09

OIL CONS. DIV.

DIST. 3

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

Signed Tracey N. Monroe Tracey N. Monroe Title Staff Regulatory Technician Date 1/22/09

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

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

ACCEPTED FOR RECORD

JAN 28 2009

FARMINGTON FIELD OFFICE

NMOCD

Howell K4 Gas Analysis - Intermediate



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

ANALYSIS NO. CP280918
CUST. NO. 18300 - 16750

WELL/LEASE INFORMATION

CUSTOMER NAME	CONOCO PHILLIPS COMPANY	SOURCE	INTERMEDIATE
WELL NAME	HOWELL K4	PRESSURE	55 PSIG
COUNTY/STATE	SAN JUAN NM	SAMPLE TEMP	N/A DEG.F
LOCATION	H17-30N-08W	WELL FLOWING	N
FIELD		DATE SAMPLED	11/13/2008
FORMATION	MESA VERDE	SAMPLED BY	BOB DURBIN
CUST.STN.NO.		FOREMAN/ENGR.	

REMARKS H2S = 40 PPM

COMPONENT	MOLE %	ANALYSIS		
		GPM**	B.T.U.*	SP.GR *
NITROGEN	0.436	0.0000	0.00	0.0042
CO2	0.013	0.0000	0.00	0.0002
METHANE	99.170	0.0000	1,003.90	0.5494
ETHANE	0.163	0.0436	2.89	0.0017
PROPANE	0.035	0.0096	0.88	0.0005
I-BUTANE	0.007	0.0023	0.23	0.0001
N-BUTANE	0.013	0.0041	0.43	0.0003
I-PENTANE	0.011	0.0040	0.44	0.0003
N-PENTANE	0.011	0.0040	0.44	0.0003
HEXANE PLUS	0.141	0.0629	7.46	0.0047
TOTAL	100.000	0.1305	1,016.67	0.5616

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

** @ 14.730 PSIA & 60 DEG. F

COMPRESSIBILITY FACTOR (1/2)	1.0020	GPM, BTU, and SPG calculations as shown above are based on current GPA factors.
BTU/CU FT (DRY) CORRECTED FOR (1/2)	1,018.7	
BTU/CU FT (WET) CORRECTED FOR (1/2)	1,001.8	
REAL SPECIFIC GRAVITY	0.5626	

ANALYSIS RUN AT 14.730 PSIA & 60 DEGREES F

DRY BTU @ 14.650	1,013.2
DRY BTU @ 14.698	1,016.3
DRY BTU @ 14.730	1,018.7
DRY BTU @ 15.025	1,039.1

CYLINDER #	6112
CYLINDER PRESSURE	52 PSIG
DATE RUN	12/01/2008
ANALYSIS RUN BY	TIFFANI MONTOYA

Howell K4 Gas Analysis - Casing



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

ANALYSIS NO. CP280917
CUST. NO. 18300 - 16745

WELL/LEASE INFORMATION

CUSTOMER NAME	CONOCO PHILLIPS COMPANY	SOURCE	CASING
WELL NAME	HOWELL K4	PRESSURE	57.4 PSIG
COUNTY/STATE	SAN JUAN NM	SAMPLE TEMP	N/A DEG.F
LOCATION	H17-30N-08W	WELL FLOWING	N
FIELD		DATE SAMPLED	11/13/2008
FORMATION	MESA VERDE	SAMPLED BY	BOB DURBIN
CUST.STN.NO.		FOREMAN/ENG.	

REMARKS

COMPONENT	MOLE %	ANALYSIS		
		GPM**	B.T.U.*	SP.GR.*
NITROGEN	0.173	0.0000	0.00	0.0017
CO2	1.302	0.0000	0.00	0.0199
METHANE	85.352	0.0000	864.02	0.4728
ETHANE	7.562	2.0212	134.13	0.0785
PROPANE	3.183	0.8764	80.28	0.0485
I-BUTANE	0.594	0.1943	19.36	0.0119
N-BUTANE	0.838	0.2642	27.40	0.0168
I-PENTANE	0.302	0.1105	12.11	0.0075
N-PENTANE	0.217	0.0786	8.72	0.0054
HEXANE PLUS	0.477	0.2128	25.23	0.0158
TOTAL	100.000	3.7581	1,171.25	0.6787

* @ 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)	1,174.9	
BTU/CU.FT. (WET) CORRECTED FOR (1/Z)	1,155.3	
REAL SPECIFIC GRAVITY	0.6805	

ANALYSIS RUN AT 14.730 PSIA & 60 DEGREES F

DRY BTU @ 14.650	1,168.5
DRY BTU @ 14.896	1,172.2
DRY BTU @ 14.730	1,174.9
DRY BTU @ 15.026	1,198.4

CYLINDER #	6149
CYLINDER PRESSURE	57 PSIG
DATE RUN	12/01/2008
ANALYSIS RUN BY	TIFFANI MONTOYA

Most Recent Job

Job Category
WELL INTERVENTION

Primary Job Type
PAY ADD

Secondary Job Type

Actual Start Date
4/30/2003

End Date
5/5/2003

Well Config: - Original Hole, 1/22/2009 4:24:38 PM

