



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE
1000 RIO BRAZOS ROAD
AZTEC NM 87410
(505) 334-6178 FAX: (505) 334-6170
[http://emnrd.state.nm.us/ocd/District III/3distric.htm](http://emnrd.state.nm.us/ocd/District%20III/3distric.htm)

BRADENHEAD TEST REPORT

(submit 1 copy to above address)

Date of Test 1-17-07 Operator Merrion O'Leary API #30-0 45-30271

Property Name Flush Well No. 1 Location: Unit Section 2 Township 26 Range 13

Well Status(Shut-In or Producing) Initial PSI: Tubing 0 Intermediate N/A Casing 0 Bradenhead 85

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

Testing TIME	PRESSURE			INTERM	
	BH	Int	Csg	Int	Csg
5 min			0		
10 min			0		
15 min			0		
20 min					
25 min					
30 min					

FLOW CHARACTERISTICS	
BRADENHEAD	INTERMEDIATE
Steady Flow	
Surges	
Down to Nothing	
Nothing	
Gas	/
Gas & Water	
Water	

RCVD JAN 17 0
OIL CONS. DIV
DIST. 8

If bradenhead flowed water, check all of the descriptions that apply below:

CLEAR FRESH SALTY SULFUR BLACK

5 MINUTE SHUT-IN PRESSURE

BRADENHEAD 0

INTERMEDIATE N/A

REMARKS:

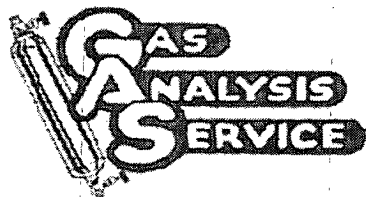
Duffed all 15 minutes (small puffs -
notable to hear) nothing changed on
casing or tubing.

By J. Foutz
Eng.
(Position)

Witness Monica Kuhlman

E-mail address tfoutz@merrion.biz

Please Retest BH Jan of 08



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

ANALYSIS NO. ME270001
CUST. NO. 52200 - 10110

WELL/LEASE INFORMATION

CUSTOMER NAME	MERRION OIL & GAS CORP.	SOURCE	BRADENHEAD
WELL NAME	FLUSH #1 SWD	PRESSURE	85 PSI G
COUNTY/STATE	SAN JUAN NM	SAMPLE TEMP	N/A DEG.F
LOCATION	SEC 2-26N-13W	WELL FLOWING	N
FIELD		DATE SAMPLED	01/17/2007
FORMATION		SAMPLED BY	LONNIE C.
CUST.STN.NO.		FOREMAN/ENGR.	

REMARKS GAS SAMPLE CAUGHT ON BRADENHEAD

ANALYSIS				
COMPONENT	MOLE %	GPM**	B.T.U.*	SP.GR *
NITROGEN	1.101	0.0000	0.00	0.0106
CO2	0.004	0.0000	0.00	0.0001
METHANE	96.523	0.0000	977.10	0.5347
ETHANE	1.955	0.5226	34.68	0.0203
PROPANE	0.304	0.0837	7.67	0.0046
I-BUTANE	0.085	0.0278	2.77	0.0017
N-BUTANE	0.014	0.0044	0.46	0.0003
I-PENTANE	0.007	0.0026	0.28	0.0002
N-PENTANE	0.002	0.0007	0.08	0.0000
HEXANE PLUS	0.005	0.0022	0.26	0.0002
TOTAL	100.000	0.6440	1,023.30	0.5727

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

** @ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR	(1/Z)	1.0020
BTU/CU.FT (DRY) CORRECTED FOR	(1/Z)	1,025.4
BTU/CU.FT (WET) CORRECTED FOR	(1/Z)	1,008.5
REAL SPECIFIC GRAVITY		0.5737

ANALYSIS RUN AT 14.730 PSIA & 60 DEGREES F

DRY BTU @ 14.650	1,019.9
DRY BTU @ 14.696	1,023.1
DRY BTU @ 14.730	1,025.4
DRY BTU @ 15.025	1,046.0

CYLINDER #	035
CYLINDER PRESSURE	78 PSIG
DATE RUN	01/17/2007
ANALYSIS RUN BY	TIFFANI MONTOYA

MERRION OIL & GAS CORP.
WELL ANALYSIS COMPARISON

LEASE : FLUSH #1 SWD

BRADENHEAD

1/17/2007

STN.NO.:

52200 - 1011C

MTR.NO.:

SMPL DATE 01/17/2007
TEST DATE 01/17/2007
RUN NR. ME270001

NITROGEN 1.101
CO2 0.004
METHANE 96.523
ETHANE 1.955
PROPANE 0.304
I-BUTANE 0.085
N-BUTANE 0.014
I-PENTANE 0.007
N-PENTANE 0.002
HEXANE + 0.005

BTU 1,025.4
GPM 0.6440
SP.GRAV. 0.5737

Merrion Oil & Gas Corporation

Wellbore Schematic

Flush No. 1, SWD

Current Wellbore Configuration

Location: 1910' Int & 1765' Int (se nw)
Sec 2, T26N, R13W
San Juan Co, New Mexico

May 27, 2008

Elevation: 6,047' GL
6,052' RKB

By: Tyson Foutz

Tertiary

Cretaceous

