

CP
October 29, 2001

New Mexico Oil Conservation Division
1000 Rio Brazos Road
Aztec, New Mexico 87410



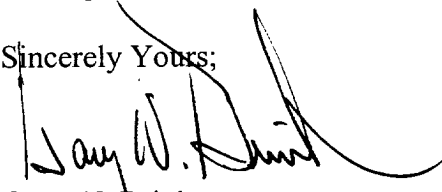
Jicarilla West #8
Unit A, Section 6, T 26 N, R 5 W
Rio Arriba Co., New Mexico
Blanco Mesa Verde (72319) & Basin Dakota (71599) Pools
API # 30-039-06729

Dear Mr. Perrin:

In response to your letter concerning the failure of the Bradenhead test on the subject well, the following information is provided. The Bradenhead test run in 1998 also showed flow from the bradenhead at 79 psi, with tubing and casing pressure considerably higher. In April, 2000 the well was worked over and all the lost equipment was recovered and the wellbore was downhole commingled. At that time, the casing was tested and no leak was found. The calculated cement top is 2155', which covers the Ojo Alamo at 2500'. A gas sample was collected from the flowstream and the bradenhead. The analysis shows a higher gravity than the producing stream of the well which confirms the gas is coming from another source. A copy of the analysis is attached.

From the information presented, I do not believe the gas flow from the Bradenhead is coming from this wellbore. Please advise on what further action is required.

Sincerely Yours;


Gary W. Brink
District Superintendent



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

ANALYSIS NO. ER210010
CUST. NO. 73500 - 10115

WELL/LEASE INFORMATION

CUSTOMER NAME	ENERGEN RESOURCES CORP.	SOURCE	BRADENHEAD
WELL NAME	JIC WEST #8	PRESSURE	77 PSIG
COUNTY/ STATE	RIO ARRIBA NM	SAMPLE TEMP	DEG.F
LOCATION	06-26N-05W	WELL FLOWING	N
FIELD		DATE SAMPLED	10/17/01
FORMATION		SAMPLED BY	BOB DURBIN
CUST.STN.NO.		FOREMAN/ENGR.	

REMARKS

ANALYSIS

COMPONENT	MOLE %	GPM**	B.T.U.*	SP.GR *
NITROGEN	0.357	0.0000	0.00	0.0035
CO2	0.792	0.0000	0.00	0.0120
METHANE	84.768	0.0000	858.11	0.4695
ETHANE	7.296	1.9517	129.41	0.0757
PROPANE	3.887	1.0713	98.03	0.0592
I-BUTANE	0.739	0.2417	24.09	0.0148
N-BUTANE	0.998	0.3147	32.63	0.0200
I-PENTANE	0.364	0.1332	14.60	0.0091
N-PENTANE	0.258	0.0934	10.37	0.0064
HEXANE PLUS	0.541	0.2360	27.81	0.0174
TOTAL	100.000	4.0420	1,195.05	0.6877

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

** @ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR	(1/Z)	1.0032
BTU/CU.FT (DRY) CORRECTED FOR	(1/Z)	1,199.2
BTU/CU.FT (WET) CORRECTED FOR	(1/Z)	1,178.3
REAL SPECIFIC GRAVITY		0.6901

ANALYSIS RUN AT 14.730 PSIA & 60 DEGREES F

DRY BTU @ 14.650	1,192.7
DRY BTU @ 14.696	1,196.4
DRY BTU @ 14.730	1,199.2
DRY BTU @ 15.025	1,223.2

CYLINDER #	11-65
CYLINDER PRESSURE	77 PSIG
DATE RUN	10/18/01
ANALYSIS RUN BY	DAWN BLASSINGAME



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

ANALYSIS NO. ER210011
CUST. NO. 73500 - 10120

WELL/LEASE INFORMATION

CUSTOMER NAME	ENERGEN RESOURCES CORP.	SOURCE	METER RUN
WELL NAME	JIC WEST #8	PRESSURE	175 PSIG
COUNTY/ STATE	RIO ARRIBA NM	SAMPLE TEMP	85 DEG.F
LOCATION	06-26N-05W	WELL FLOWING	Y
FIELD		DATE SAMPLED	10/17/01
FORMATION		SAMPLED BY	BOB DURBIN
CUST.STN.NO.		FOREMAN/ENGR.	

REMARKS

ANALYSIS

COMPONENT	MOLE %	GPM**	B.T.U.*	SP.GR *
NITROGEN	0.291	0.0000	0.00	0.0028
CO2	1.162	0.0000	0.00	0.0177
METHANE	85.091	0.0000	861.38	0.4713
ETHANE	7.739	2.0702	137.27	0.0803
PROPANE	3.107	0.8563	78.36	0.0473
I-BUTANE	0.636	0.2080	20.73	0.0128
N-BUTANE	0.827	0.2608	27.04	0.0166
I-PENTANE	0.340	0.1244	13.63	0.0085
N-PENTANE	0.237	0.0858	9.52	0.0059
HEXANE PLUS	0.570	0.2487	29.30	0.0183
TOTAL	100.000	3.8542	1,177.23	0.6815

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

** @ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR	(1/Z)	1.0031
BTU/CU.FT (DRY) CORRECTED FOR	(1/Z)	1,181.2
BTU/CU.FT (WET) CORRECTED FOR	(1/Z)	1,160.6
REAL SPECIFIC GRAVITY		0.6838

ANALYSIS RUN AT 14.730 PSIA & 60 DEGREES F

DRY BTU @ 14.650	1,174.8
DRY BTU @ 14.696	1,178.5
DRY BTU @ 14.730	1,181.2
DRY BTU @ 15.025	1,204.9

CYLINDER #	028
CYLINDER PRESSURE	170 PSIG
DATE RUN	10/18/01
ANALYSIS RUN BY	DAWN BLASSINGAME