



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://emnr.state.nm.us/ocd/District 3/district.htm](http://emnr.state.nm.us/ocd/District%203/district.htm)

BRADENHEAD TEST REPORT

(submit 2 copies to above address)

Date of Test 11-19-03 Operator FOUR STAR OIL & GAS API # 30-045-08667

Property Name GOVERNMENT F (NCT-1) Well No. 1 Location: Unit M Section 5 Township 29N Range 12W

Well Status (Shut-In) or Producing) Tubing 3 1/2 Intermediate N/A Casing 3 1/2 Bradenhead 208

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

TIME	PRESSURES:		BRADENHEAD FLOWED	INTERMEDIATE FLOWED
	INTERMEDIATE	CASING		
5 minutes		<u>396</u>	Steady Flow	
10 minutes		<u>396</u>	Surges	
15 minutes		<u>396</u>	Down to Nothing <u>X</u>	
20 minutes		<u>396</u>	Nothing	
25 minutes			Gas	
30 minutes			Gas & Water	
			Water	

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

CLEAR _____ FRESH _____ SALTY _____ SULFUR _____ BLACK _____

5 MINUTE SHUT-IN BRADENHEAD < 1 INTERMEDIATE —

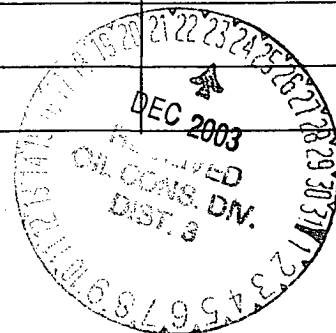
REMARKS:

Bradenhead blew down in 1 minute through 1 inch ball valve.

5 minute shut-in test was too small to measure.

By [Signature]
Operation Technician
(Position)

Witness _____





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

ANALYSIS NO. CH230012
CUST. NO. 74000 - 10565

WELL/LEASE INFORMATION

CUSTOMER NAME	CHEVRON TEXACO	SOURCE	BRADENHEAD
WELL NAME	GOVERNMENT F #1	PRESSURE	203 PSIG
COUNTY/ STATE	SAN JUAN NM	SAMPLE TEMP	N/A DEG.F
LOCATION		WELL FLOWING	N
FIELD		DATE SAMPLED	12/17/03
FORMATION		SAMPLED BY	TONY BECENTI
CUST.STN.NO.		FOREMAN/ENGR.	

REMARKS

ANALYSIS

COMPONENT	MOLE %	GPM**	B.T.U.*	SP.GR *
NITROGEN	0.535	0.0000	0.00	0.0052
CO2	0.647	0.0000	0.00	0.0098
METHANE	84.368	0.0000	854.06	0.4674
ETHANE	8.653	2.3147	153.49	0.0898
PROPANE	3.634	1.0015	91.65	0.0553
I-BUTANE	0.510	0.1668	16.62	0.0102
N-BUTANE	0.944	0.2976	30.87	0.0189
I-PENTANE	0.272	0.0995	10.91	0.0068
N-PENTANE	0.216	0.0782	8.68	0.0054
HEXANE PLUS	0.221	0.0964	11.36	0.0071
TOTAL	100.000	4.0549	1,177.64	0.6760

* @ 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)	1,181.4
BTU/CU.FT (WET) CORRECTED FOR	(1/Z)	1,163.6
REAL SPECIFIC GRAVITY		0.6780

ANALYSIS RUN AT 14.730 PSIA & 60 DEGREES F

DRY BTU @ 14.650	1,175.0
DRY BTU @ 14.696	1,178.7
DRY BTU @ 14.730	1,181.4
DRY BTU @ 15.025	1,205.1

CYLINDER #	A020
CYLINDER PRESSURE	216 PSIG
DATE RUN	12/17/03
ANALYSIS RUN BY	JANA CARANTA