



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 11-04-03 Operator Four Star Oil & Gas API #30-045-30603

Property Name BLANCO Well No. 1B Location: Unit H Section 1 Township 27N Range 9W

Well Status (Shut-In or Producing) Tubing 192 Intermediate N/A Casing 209 Bradenhead 167

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

TIME	PRESSURES:		BRADENHEAD FLOWED	INTERMEDIATE FLOWED
	INTERMEDIATE	CASING		
5 minutes		<u>208</u>	Steady Flow	
10 minutes		<u>209</u>	Surges	
15 minutes		<u>208</u>	Down to Nothing <u>X</u>	
20 minutes		<u>208</u>	Nothing	
25 minutes		<u>208</u>	Gas	
30 minutes		<u>208</u>	Gas & Water	
			Water	

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

CLEAR _____ FRESH _____ SALTY _____ SULFUR _____ BLACK _____

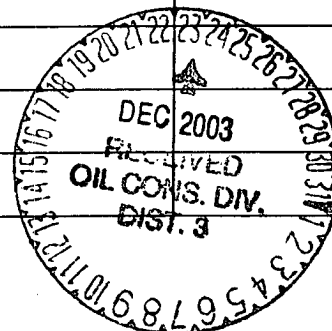
5 MINUTE SHUT-IN BRADENHEAD 1 INTERMEDIATE —

REMARKS:

Bradenhead blew down in 8 seconds through 2' inch ball valve.
Whispered through 1/4 inch Kwik-connect.

By A. Beant
Operation Technician
(Position)

Witness _____





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

ANALYSIS NO. CH230011
CUST. NO. 74000 - 10560

WELL/LEASE INFORMATION

CUSTOMER NAME	CHEVRON TEXACO	SOURCE	BRADENHEAD
WELL NAME	BLANCO #1B	PRESSURE	169 PSIG
COUNTY/ STATE	SAN JUAN NM	SAMPLE TEMP	N/A DEG.F
LOCATION		WELL FLOWING	N
FIELD		DATE SAMPLED	12/16/03
FORMATION		SAMPLED BY	TONY BECENTI
CUST.STN.NO.		FOREMAN/ENGR.	

REMARKS BLANCO WASH

ANALYSIS

COMPONENT	MOLE %	GPM**	B.T.U.*	SP.GR *
NITROGEN	2.004	0.0000	0.00	0.0194
CO2	0.000	0.0000	0.00	0.0000
METHANE	85.413	0.0000	864.64	0.4732
ETHANE	6.158	1.6473	109.23	0.0639
PROPANE	3.963	1.0922	99.95	0.0603
I-BUTANE	0.851	0.2784	27.74	0.0171
N-BUTANE	0.930	0.2932	30.41	0.0187
I-PENTANE	0.270	0.0988	10.83	0.0067
N-PENTANE	0.183	0.0663	7.35	0.0046
HEXANE PLUS	0.228	0.0995	11.72	0.0073
TOTAL	100.000	3.5756	1,161.87	0.6712

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

** @ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR	(1/Z)	1.0030
BTU/CU.FT (DRY) CORRECTED FOR	(1/Z)	1,165.5
BTU/CU.FT (WET) CORRECTED FOR	(1/Z)	1,147.9
REAL SPECIFIC GRAVITY		0.6732

ANALYSIS RUN AT 14.730 PSIA & 60 DEGREES F

DRY BTU @ 14.650	1,159.1
DRY BTU @ 14.696	1,162.8
DRY BTU @ 14.730	1,165.5
DRY BTU @ 15.025	1,188.8

CYLINDER #	KFL 121
CYLINDER PRESSURE	169 PSIG
DATE RUN	12/17/03
ANALYSIS RUN BY	JANA CARANTA