



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

BRADENHEAD TEST REPORT

(submit 2 copies to above address)

Date of Test 11-18-03 Operator Four Star Oil & Gas API # 30-045-06912

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

Well Status (Shut-In or Producing) Tubing 114 Intermediate N/A Casing 226 Bradenhead 224

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

TIME	PRESSURES:		BRADENHEAD FLOWED	INTERMEDIATE FLOWED
	INTERMEDIATE	CASING		
5 minutes		<u>224</u>	Steady Flow <u>X whisper</u>	
10 minutes		<u>223</u>	Surges	
15 minutes		<u>223</u>	Down to Nothing	
20 minutes		<u>223</u>	Nothing	
25 minutes		<u>223</u>	Gas	
30 minutes			Gas & Water	
			Water	

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

CLEAR _____ FRESH _____ SALTY _____ SULFUR _____ BLACK _____

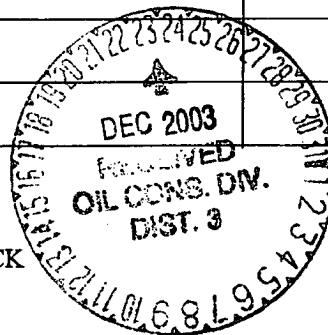
5 MINUTE SHUT-IN BRADENHEAD 75 INTERMEDIATE —

REMARKS:

Bradenhead bled down in 15 seconds through 2 inch ball valve.
Whisper continuously through ball valve. 5 minute shut-in rebuilt
to 75 pounds.

By Long Beant
Operation Technician
(Position)

Witness _____





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

ANALYSIS NO. CH230010
CUST. NO. 74000 - 10555

WELL/LEASE INFORMATION

CUSTOMER NAME	CHEVRON TEXACO	SOURCE	BRADENHEAD
WELL NAME	BLANCO #1	PRESSURE	205 PSIG
COUNTY/ STATE	SAN JUAN NM	SAMPLE TEMP	DEG.F
LOCATION		WELL FLOWING	Y
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	0.518	0.0000	0.00	0.0050
CO2	0.529	0.0000	0.00	0.0080
METHANE	75.896	0.0000	768.30	0.4204
ETHANE	12.433	3.3258	220.54	0.1291
PROPANE	6.741	1.8578	170.01	0.1026
I-BUTANE	0.994	0.3251	32.40	0.0200
N-BUTANE	1.716	0.5411	56.11	0.0344
I-PENTANE	0.476	0.1742	19.09	0.0119
N-PENTANE	0.360	0.1304	14.46	0.0090
HEXANE PLUS	0.337	0.1470	17.33	0.0108
TOTAL	100.000	6.5014	1,298.24	0.7513

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

** @ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z)	1.0039
BTU/CU.FT (DRY) CORRECTED FOR (1/Z)	1,303.5
BTU/CU.FT (WET) CORRECTED FOR (1/Z)	1,283.8
REAL SPECIFIC GRAVITY	0.7542

ANALYSIS RUN AT 14.730 PSIA & 60 DEGREES F

DRY BTU @ 14.650	1,296.4
DRY BTU @ 14.696	1,300.5
DRY BTU @ 14.730	1,303.5
DRY BTU @ 15.025	1,329.6

CYLINDER #	K041
CYLINDER PRESSURE	217 PSIG
DATE RUN	12/17/03
ANALYSIS RUN BY	JANA CARANTA