



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/3district.htm>

BRADENHEAD TEST REPORT

(submit 2 copies to above address)

Date of Test 11-18-03 Operator Four Star Oil & Gas API # 30-045-30604

Property Name JOHN CHARLES Well No. 6C Location: Unit G Section 13 Township 27N Range 9W

Well Status (Shut-In or Producing) Tubing 122 Intermediate N/A Casing 193 Bradenhead 207

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

TIME	PRESSURES:		BRADENHEAD FLOWED	INTERMEDIATE FLOWED
	INTERMEDIATE	CASING		
5 minutes		<u>186</u>	Steady Flow	
10 minutes		<u>184</u>	Surges	
15 minutes		<u>183</u>	Down to Nothing	
20 minutes		<u>185</u>	Nothing	
25 minutes		<u>187</u>	Gas	
30 minutes		<u>189</u>	Gas & Water	
			Water	

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

CLEAR _____ FRESH _____ SALTY _____ SULFUR _____ BLACK _____

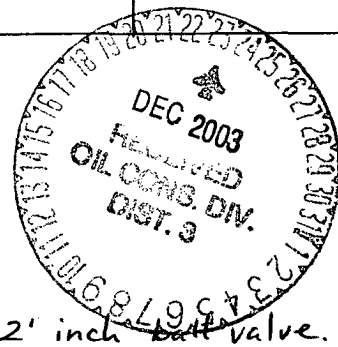
5 MINUTE SHUT-IN BRADENHEAD 37 INTERMEDIATE —

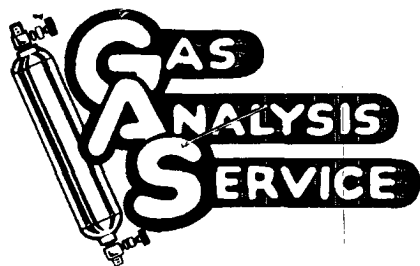
REMARKS:

Bradenhead blew down in 12 seconds through 2' inch ball valve.
Whispering continuously through 1/4 inch kwik-connect.

By Am Bunt
Operation Technician
(Position)

Witness _____





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

ANALYSIS NO. CH230013
CUST. NO. 74000 - 10570

WELL/LEASE INFORMATION

CUSTOMER NAME	CHEVRON TEXACO	SOURCE	BRADENHEAD
WELL NAME	JOHN CHARLES #6C	PRESSURE	207 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	2.706	0.0000	0.00	0.0262
CO2	0.000	0.0000	0.00	0.0000
METHANE	85.394	0.0000	864.44	0.4731
ETHANE	5.940	1.5889	105.36	0.0617
PROPANE	3.660	1.0087	92.31	0.0557
I-BUTANE	0.779	0.2548	25.39	0.0156
N-BUTANE	0.970	0.3058	31.72	0.0195
I-PENTANE	0.279	0.1021	11.19	0.0070
N-PENTANE	0.168	0.0608	6.75	0.0042
HEXANE PLUS	0.104	0.0454	5.35	0.0033
TOTAL	100.000	3.3666	1,142.51	0.6662

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

** @ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR	(1/Z)	1.0028
BTU/CU.FT (DRY) CORRECTED FOR	(1/Z)	1,145.8
BTU/CU.FT (WET) CORRECTED FOR	(1/Z)	1,128.5
REAL SPECIFIC GRAVITY		0.6682

ANALYSIS RUN AT 14.730 PSIA & 60 DEGREES F

DRY BTU @ 14.650	1,139.5
DRY BTU @ 14.696	1,143.1
DRY BTU @ 14.730	1,145.8
DRY BTU @ 15.025	1,168.7

CYLINDER #	A085
CYLINDER PRESSURE	180 PSIG
DATE RUN	12/17/03
ANALYSIS RUN BY	DAWN BLASSINGAME