



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 11-12-03 Operator FOUR STAR OIL & GAS API #30-045-30568

Property Name NELLIE PLATERO Well No. 5C Location: Unit L Section 11 Township 27N Range 9W

Well Status (Shut-In) or Producing) Tubing 180 Intermediate N/A Casing 205 Bradenhead 96

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

TIME	PRESSURES:		BRADENHEAD FLOWED	INTERMEDIATE FLOWED
	INTERMEDIATE	CASING		
5 minutes		<u>205</u>	Steady Flow	
10 minutes		<u>205</u>	Surges	
15 minutes		<u>207</u>	Down to Nothing	
20 minutes		<u>206</u>	Nothing	
25 minutes		<u>206</u>	Gas	
30 minutes			Gas & Water	
			Water	

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

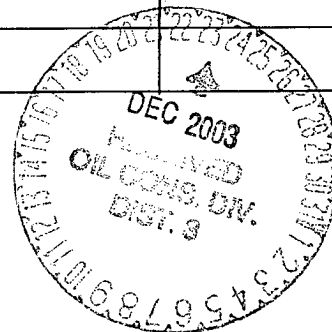
CLEAR _____ FRESH _____ SALTY _____ SULFUR _____ BLACK _____

5 MINUTE SHUT-IN BRADENHEAD 28 INTERMEDIATE —

REMARKS: Bradenhead blew down in 5 seconds through 2 inch ball valve.
Whispered continuously through 1/4 inch needle valve.

By [Signature]
Operation Technician
(Position)

Witness _____





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

ANALYSIS NO. CH230015
CUST. NO. 74000 - 10580

WELL/LEASE INFORMATION

CUSTOMER NAME	CHEVRON TEXACO	SOURCE	BRADENHEAD
WELL NAME	NELLIE PLATERO #5C	PRESSURE	84 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	1.618	0.0000	0.00	0.0157
CO2	0.000	0.0000	0.00	0.0000
METHANE	86.504	0.0000	875.68	0.4792
ETHANE	6.103	1.6326	108.25	0.0634
PROPANE	3.559	0.9809	89.76	0.0542
I-BUTANE	0.791	0.2587	25.78	0.0159
N-BUTANE	0.824	0.2598	26.94	0.0165
I-PENTANE	0.248	0.0907	9.95	0.0062
N-PENTANE	0.159	0.0576	6.39	0.0040
HEXANE PLUS	0.194	0.0846	9.97	0.0062
TOTAL	100.000	3.3649	1,152.72	0.6612

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

** @ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z)	1.0029
BTU/CU.FT (DRY) CORRECTED FOR (1/Z)	1,156.2
BTU/CU.FT (WET) CORRECTED FOR (1/Z)	1,138.7
REAL SPECIFIC GRAVITY	0.6632

ANALYSIS RUN AT 14.730 PSIA & 60 DEGREES F

DRY BTU @ 14.650	1,149.9
DRY BTU @ 14.696	1,153.5
DRY BTU @ 14.730	1,156.2
DRY BTU @ 15.025	1,179.3

CYLINDER #	AZT 039
CYLINDER PRESSURE	80 PSIG
DATE RUN	12/17/03
ANALYSIS RUN BY	DAWN BLASSINGAME