



1115 Farmington Avenue
Farmington, N.M. 87401
(505) 325-6622

Analysis No. ROP40001
Cust. No. 68000-10000

WELL/LEASE INFORMATION

Company	: RICHARDSON OPERATING CO.	Source	:
Well Name	: ROPCO FED. PC 12 NO. 1	Pressure	: 163 PSIG
County	: SAN JUAN	Sample Temp.	: 45 DEG.F
State	:	Well Flowing	: NO
Location	: 12-29N-13W	Date Sampled	: 04/16/94
Fld/Formation	: PICTURED CLIFFS	Sampled By	: BRUCE DELVENTHAL
Cust.Stn.No.	:	Foreman/Engr	:

Remarks:

ANALYSIS

COMPONENT	MOLE %	GPM**	B.T.U.*	SP.GR.*
NITROGEN	2.219	0.0000	0.00	0.0215
CO2	0.000	0.0000	0.00	0.0000
METHANE	97.276	0.0000	984.72	0.5388
ETHANE	0.316	0.0845	5.61	0.0033
PROPANE	0.099	0.0273	2.50	0.0015
I-BUTANE	0.017	0.0056	0.55	0.0003
N-BUTANE	0.026	0.0082	0.85	0.0005
I-PENTANE	0.009	0.0033	0.36	0.0002
N-PENTANE	0.006	0.0022	0.24	0.0001
HEXANES	0.032	0.0140	1.64	0.0010
TOTAL	100.000	0.1451	996.48	0.5672

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

** @ 14.730 & 60 DEG. F

COMPRESSIBILITY FACTOR	(1/Z)	1.0020
BTU/CU.FT. (DRY) CORRECTED FOR	(1/Z)	998.5
BTU/CU.FT. (WET) CORRECTED FOR	(1/Z)	981.1
REAL SPECIFIC GRAVITY		0.5681

ANALYSIS RUN AT 14.730 PSIA & 60 DEGREES F

CYLINDER #	: K037
CYLINDER PRESSURE	: 158 PSIG
DATE RUN	: 04/19/94
ANALYSIS RUN BY	: KATHLEEN EGOSQUE

BEFORE THE
OIL CONSERVATION DIVISION

Case No.11247 Exhibit No. 22

Submitted By:

Richardson Operating Company

Hearing Date: April 20, 1995