



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

ANALYSIS NO. CES90206
CUST. NO. 16900- 10305

WELL/LEASE INFORMATION

CUSTOMER NAME CDS ENVIROMENTAL SVCS
WELL NAME JIC 460-16 # 6 SJ # 6
COUNTY/STATE RIO ARRIBA NM
LOCATION
FIELD
FORMATION SAN JOSE
CUST.STN.NO.

SOURCE N/A
PRESSURE 61 PSI
SAMPLE TEMP DEG.F
WELL FLOWING N/A
DATE SAMPLED 7/12/99
SAMPLED BY JDW
FOREMAN/ENGR.

REMARKS MALLON OIL COMPANY
H2S = 0 PPM

ANALYSIS

COMPONENT	MOLE %	GPM**	B.T.U.*	SP.GR *
NITROGEN	0.734	0.0000	0.00	0.0071
CO2	0.014	0.0000	0.00	0.0002
METHANE	94.558	0.0000	957.21	0.5238
ETHANE	3.678	0.9839	65.24	0.0382
PROPANE	0.356	0.0981	8.98	0.0054
I-BUTANE	0.130	0.0425	4.24	0.0026
N-BUTANE	0.076	0.0240	2.49	0.0015
I-PENTANE	0.069	0.0252	2.77	0.0017
N-PENTANE	0.024	0.0087	0.96	0.0006
HEXANE PLUS	0.361	0.1575	18.56	0.0116
TOTAL	100.000	1.3399	1,060.45	0.5928

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

** @ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z) 1.0023
BTU/CU.FT (DRY) CORRECTED FOR (1/Z) 1,062.9
BTU/CU.FT (WET) CORRECTED FOR (1/Z) 1,044.4
REAL SPECIFIC GRAVITY 0.5941

ANALYSIS RUN AT 14.730 PSIA & 60 DEGREES F

DRY BTU @ 14.650 1,057.1
DRY BTU @ 14.696 1,060.4
DRY BTU @ 14.730 1,062.9
DRY BTU @ 15.025 1,084.2

CYLINDER # 031A
CYLINDER PRESSURE 42 PSIG
DATE RUN 7/16/99
ANALYSIS RUN BY ANDREW ZEC