

FIELD GAS SAMPLE ANALYSIS

OPERATING COMPANY: TRANSWESTERN PIPELINE COMPANY
 ADDRESS: 421 SOUTH MAIN CARLSBAD, NM 88220
 PHONE: 505-835-5112

LAB ANALYSIS #: 94356
 SAMPLE DATE: 07/13/1994
 ANALYSIS DATE: 07/13/1994
 ANALYZER ID: CMM

METER/STATION #: 011070 STATION NAME: ODGEN #1
 DELIVERED TO: IN RECEIVED FROM: WILLOW CREEK RESOURCES
 FIELD OR COUNTY: EDDY DISTRICT: ROSWELL
 SOURCE OF SAMPLE: METER TUBE REF#:

METHOD: c:\ezchrom\methods\vertcam.2st

FILE: c:\ezchrom\chrom\011070.1

Name	MoI %	BTU	CO	BPM	
Nitrogen	1.0137	0.000	0.010		N2 - (CO + O2)
Methane	96.3922	773.361	0.534		
CO2	0.3774	0.000	0.006		
Ethane	1.8071	32.014	0.019	0.483	
H2S	0.0000	0.000	0.000		
Propane	0.2600	6.542	0.004	0.071	
Iso-Butane	0.0344	1.119	0.001	0.011	
Butane	0.0425	1.386	0.001	0.013	
Iso-pentane	0.0160	0.640	0.000	0.006	
Pentane	0.0082	0.329	0.000	0.003	
Hexanes	0.0157	0.747	0.000	0.006	
Heptanes	0.0166	0.913	0.001	0.008	
Octanes	0.0107	0.449	0.000	0.005	
Nonanes	0.0035	0.245	0.000	0.002	

(Manual Entry)

(Manual Entry)

(Manual Entry)

(Manual Entry)

Helium

Hydrogen

Carbon Monoxide

Oxygen

Ideal Totals

100.0000 1018.164 0.576 0.609

ANALYSIS AS DELIVERED BTU (REAL)/CF: 1016.9 Z FACTOR (DRY): 0.22984
 DATA: DRY BTU (REAL)/CF: 1018.3 Z FACTOR (WET): 0.00108
 SATURATED BTU (REAL)/CF: 1000.6 SP GR (REAL): 0.5758
 BPM: 0.609 ON SITE GRAVITOMETER:
 H2O: 65.00 #/MMCF LAB GRAVITOMETER: 0.5740

CONDITIONS:

ANALYZED BY: P. LONGAN

BASE CONDITIONS: 14.730 PSIA & 60 DEGREE F.

SAMPLE PRESS: 450

LINE PRESS: 450

RSH GRAINS/100 SCF: Sulfur

H2S GRAINS/100 SCF:

SAMPLE TAKEN BY: P. LONGAN

@ TIME: 10:09

AMBIENT TEMP: 88

FLOWING TEMP: 81

SAMPLE TEMP: 81

ACCUM. DATE ON: 07/13/1994

ACCUM. DATE OFF:

SAMPLE SPOT DATE: 07/13/1994

MOISTURE CONTENT DRY X SAT ACT IF ACT THEN, WATER VAPOR

Remarks: NEW ID