



PRECISION SERVICE INC.

Flow Measurement Engineers

Analysis Results Summary

Casper, WY 82601

Run No. 107-1
Date Run 01/07/85
Date Sampled 01/03/85

Analysis For: McClellan Oil Corp.

Lease: Tyrel #2 Producer: McClellan Oil Corp.
Location: Bitter Lakes County: Chaves State: New Mexico
Purpose: Well Test Sampled By: Kellie Services, Inc
Sampling Temp.: 22 °F Atmos Temp: 40 °F
Volume/day: _____ Formation: _____
Pressure on Bomb: 200 PSIG: Line Pressure: 213.2 PSIA PSIG: _____

Gas Component

Analysis

Press. Base: 14.73

	Mol. %	Liq. %	GPM Per MCF
Carbon Dioxide CO ₂	<u>11.426</u>		
Oxygen O ₂	<u>.070</u>		
Nitrogen N ₂	<u>3.378</u>		
Hydrogen Sulfide H ₂ S			
Methane C ₁	<u>77.204</u>		<u>13.086</u>
Ethane C ₂	<u>4.742</u>		<u>1.268</u>
Propane C ₃	<u>1.775</u>		<u>.489</u>
iso-Butane iC ₄	<u>.272</u>		<u>.089</u>
nor-Butane nC ₄	<u>.417</u>		<u>.132</u>
iso-Pentane iC ₅	<u>.171</u>		<u>.062</u>
nor-Pentane nC ₅	<u>.186</u>		<u>.067</u>
Hexanes plus	<u>.361</u>		<u>.166</u>
Hexanes C ₆			
Heptanes			
Heptanes Plus C ₇ +			
Total	<u>100.000</u>		<u>15.360</u>
Pentane + G.P.M.			<u>.296</u>
Propane + GPM			<u>1.006</u>
1-lb Gasoline			<u>.824</u>

BTU Dry 970
BTU Wet 953
Calc. Specific Gravity .748

@ Std. Press. 14.696
BTU Dry 967
BTU Wet 951

Calc. Vap. Press. #/Sq. In. _____
Reid Vap. Press. #/Sq. In. _____

Z Factor .9974
N Value 1.2970
Ave Mol Wt 21.6105
Ave Cu Ft/Gal _____

Run by Jeffrey A. Propp

Calculated By Jeffrey A. Propp

Ethane + GPM 2.274

Remarks:

Distribution: