



our Interest in Measurement be our Concern.

PRECISION SERVICE INC.
Flow Measurement Engineers
Analysis Results Summary
Casper, WY 82601

Run No. 313-5
Date Run 03/13/87
Date Sampled 03/12/87

Analysis For: BENNETT & CATHEY WRLN.

Lease: MILLER FEDERAL #6

Location CHINA DRAW

Purpose WELL TEST

Sampling Temp. 57 °F

Volume/day

Pressure on Bomb 302

Producer MCKAY OIL CORP.

County CHAVES State NEW MEXICO

Sampled By R & C WRLN.

Atmos Temp. °F

Formation ARO

PSIG; Line Pressure 315.2 PSIA PSIG

Gas Component

Analysis

Press. Base: 14.73

Mol. %

Liq. %

GPM
Per MCF

Carbon Dioxide CO₂

.128

Oxygen O₂

Nitrogen N₂

6.441

Hydrogen Sulfide H₂S

Methane C₁

92.669

Ethane C₂

.701

Propane C₃

.042

Iso-Butane IC₄

.003

Nor-Butane NC₄

.005

Iso-Pentane IC₅

.001

Nor-Pentane NC₅

.001

Hexanes plus

.010

Hexanes C₆

Heptanes

Heptanes Plus C₇+

Total

100.000

15.914

Pentane + G.P.M.

.005

Propane + GPM

.019

6-lb Gasoline

.009

BTU Dry

954

BTU Wet

938

Calc. Specific Gravity

.587

@ Std. Press. 14.696

BTU Dry

952

BTU Wet

935

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

Reid Vap. Press. #/Sq.In.

Z Factor

.9982

N Value

1.3122

Ave Mol Wt

16.9724

Ave Cu Ft/Gal

Run by JEFFREY A. PROPP

Calculated By JEFFREY A. PROPP

Ethane + GPM

.207

Remarks:

RECEIVED MAR 16 1987

Distribution: