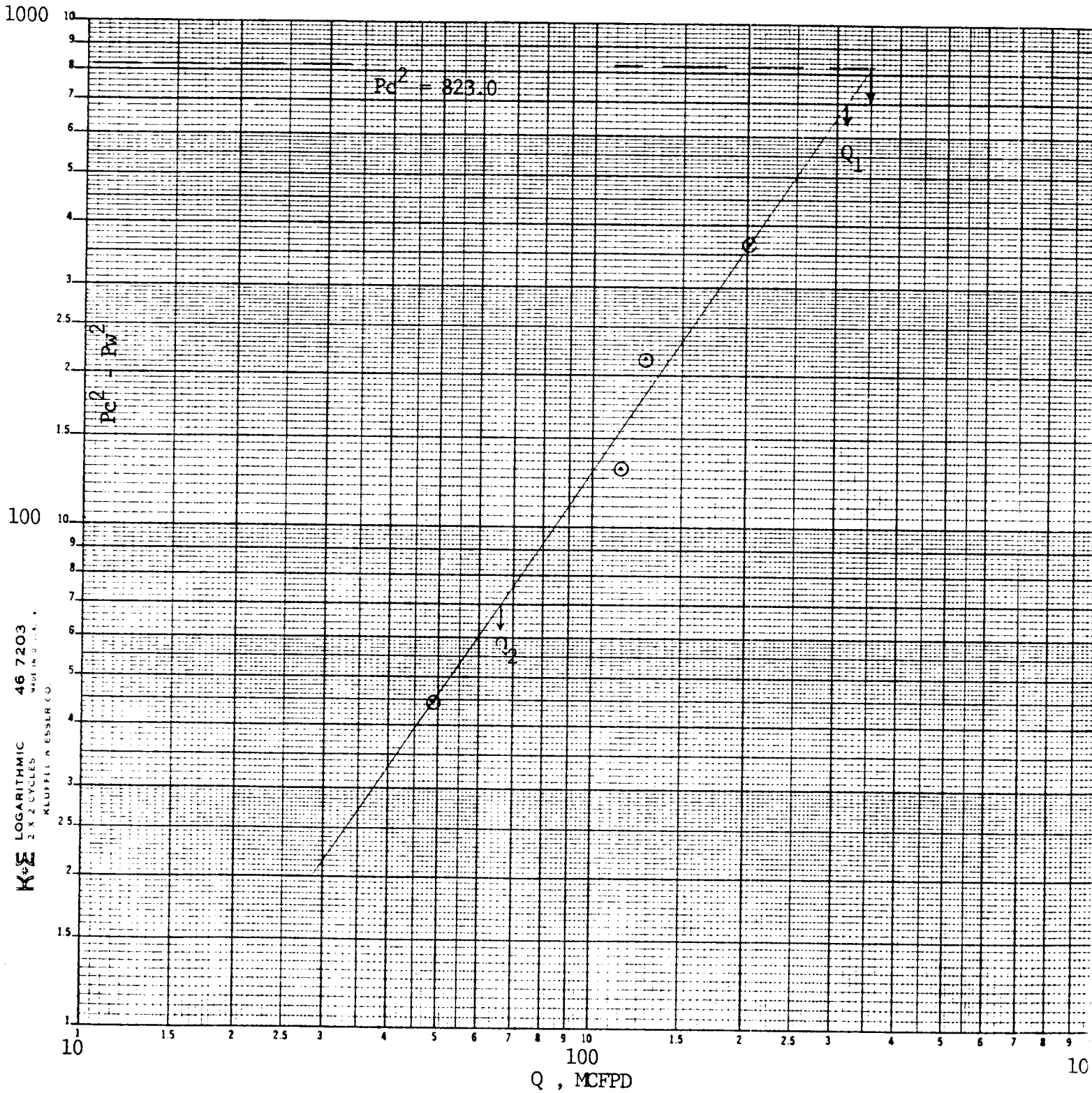


MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL RECEIVED JUL 15 1987

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 06-03-87			
Company MCKAY OIL CORPORATION				Connection AIR			
Pool West Pecos Slope				Formation Abo			
Completion Date 06-03-87		Total Depth 3400		Plug Back TD 3050		Elevation 4301 KB	
Csg. Size 4-1/2		Wt. 9.5		Set At 4.090		Perforations: From 2836 To 2930.5	
Thq. Size 2-3/8		Wt. 4.7		Set At 1.995		Perforations: From To	
Type Well - Single - Brdenhead - G.G. or G.O. Multiple Single				Packer Set At			
Producing Thru Tubing		Reservoir Temp. °F 92 • 2883		Mean Annual Temp. °F 60		Baro. Press. - P _a 13.2	
2883		2883		0.628		0.215	
H		G _o		% CO ₂		% N ₂	
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MCKAY OIL CORPORATION
 Lookout Federal #1
 SEC. 10, T6S, R22E
 06-03-87



$$Q_1 = 313.0 \text{ MCFPD, } \log = 2.49554$$

$$Q_2 = 66.2 \text{ MCFPD, } \log = 1.82086$$

$$n = 0.67468$$

$$n = 0.67$$

$$AOF = 347 \text{ MCFPD}$$



"Our Interest in Measurement be our Concern"

PRECISION SERVICE INC.

Flow Measurement Engineers

Analysis Results Summary

Casper, WY 82601

RECEIVED JUN 15 1987

Run No. 604-7
Date Run 06/04/87
Date Sampled 06/03/87

Analysis For: MCKAY OIL CORPORATION

Lease: LOOKOUT FEDERAL #1

Location: CHINA DRAW

Purpose: WELL TEST

Sampling Temp. 64 °F

Volume/day

Pressure on Bomb 150

Producer: MCKAY OIL CORP.

County: CHAVES State: NEW MEXICO

Sampled By: K. ESSLINGER

Atmos Temp. °F

Formation

PSIG; Line Pressure 163.2 PSIA PSIG

Gas Component

Analysis

Press. Base: 14.73

	Mol. %	Liq. %	GPM Per MCF
Carbon Dioxide CO ₂	.313		
Oxygen O ₂			
Nitrogen N ₂	6.182		
Hydrogen Sulfide H ₂ S			
Methane C ₁	89.641		15.194
Ethane C ₂	2.048		.548
Propane C ₃	.804		.222
Iso-Butane IC ₄	.116		.038
Nor-Butane NC ₄	.338		.107
Iso-Pentane IC ₅	.079		.029
Nor-Pentane NC ₅	.126		.046
Hexanes plus	.352		.163
Hexanes C ₆			
Heptanes			
Heptanes Plus C ₇ +			
Total	100.000		16.345
Pentane + G.P.M.			.237
Propane + GPM			.603
26-lb Gasoline			.383

BTU Dry 1009
BTU Wet 991
Calc. Specific Gravity .622

@ Std. Press. 14.696

BTU Dry 1006
BTU Wet 989

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

Reid Vap. Press. #/Sq. In.

Z Factor .9979
N Value 1.3068

Ave Mol Wt 17.9862
Ave Cu Ft/Gal

Run by JEFFREY A. PROPP

Calculated By JEFFREY A. PROPP

Ethane + GPM 1.151

Remarks:

Distribution: