

# BEAL-COLEMAN ENGINEERING CO.

"Petroleum Engineering Service"

PHONE EXpress 3-3813

1957 FEB 4

P. O. Box 1825

HOBBS, NEW MEXICO

7-24

## ACOUSTICAL WELL SOUNDING RECORD

FIELD Blinebry DATE 1-20-57

OPERATOR Sunray Mid-Continent Oil Company

LEASE Eva Owen WELL # 3

TYPE OF TEST BHP

TIME RUN 8:00 A. M. SIZE OF TBG. 2 $\frac{1}{2}$

STATUS OF WELL Shut In AVG. LENGTH TBG. JTS. 31.5

SHUT IN TIME 72 hrs BOTTOM OF TBG. 6346

TUBING PRESSURE dual SIZE OF CASING 5 $\frac{1}{2}$

CASING PRESSURE 1613 TOTAL DEPTH OF WELL 6577

ELEVATION 3426 LAST TEST DATE -

DATUM -2400 BHP LAST TEST - BY -

WATER PERCENT - BHP CHANGE -

DEPTH TO FLUID 5068 DIFF. TOP FLUID TO DATUM 126

FLUID GRADIENT .312 PSI/FT. JOINTS TO FLUID 163 $\frac{1}{2}$  x 31

PRESSURE OF FLUID COLUMN 236 PSIG

PRESSURE OF GAS COLUMN 450 PSIG

CASING PRESSURE 1613 PSIG

CALCULATED B.H.P. AT DATUM 2299 PSIG

TEST RUN BY Beal CALCULATED BY Beal CHART NO. 1

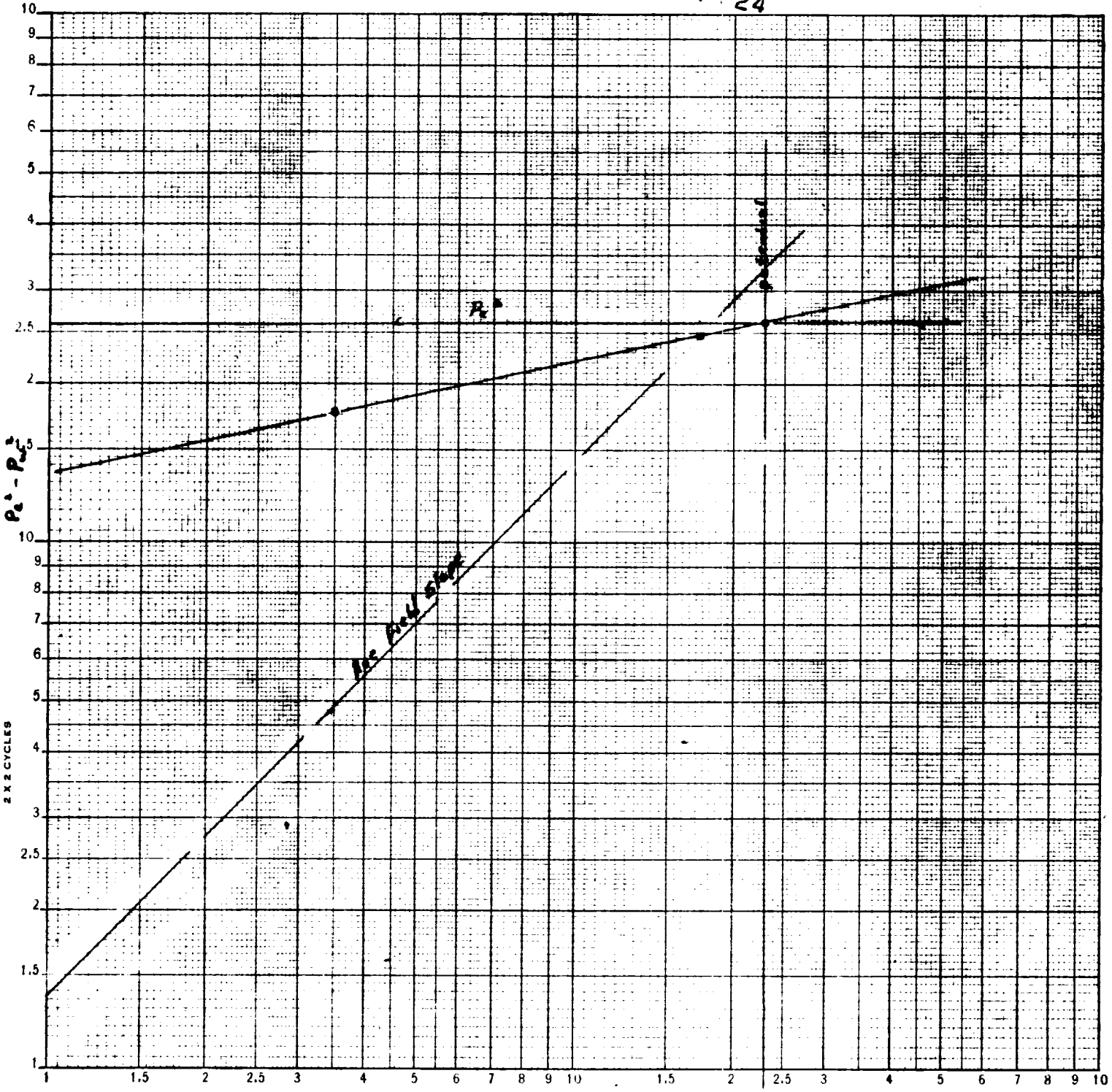
REMARKS:



LOCATION  
 COUNTY  
 DATE  
 HOBBBS OFFICE OCC

1957 FEB 4 AM 7:24

K&E LOGARITHMIC 358-110  
 KEUFFEL & ESSER CO. MADE IN U.S.A.  
 2 X 2 CYCLES



$Q = MCFD - 13.025 \text{ psia}$