

FILE WORKING

OCT 16 1978

MULTI-POINT BACK-PRESSURE TEST REPORT

Type Test: ☐ Initial ☐ Annual ☒ Special										Test Date 4-17-78		Lease No. or Serial No.	
Company CO ₂ In Action										Connection		Allottee	
Field Santa Rosa										Location		Unit	
Completion Date		Total Depth 928		Plug Back TD (908 measured)		Elevation		Form or Lease Name Gonzales					
Csg. Size 7"	Wt. d	Set At 907	Perforations: From 908		To 928		Well No. #2						
Tbg. Size	Wt. d	Set At	Perforations: From		To		Sec. 9		Twp. 21N		Rge. Blk 30E		
Type Completion (Describe) Single (CO ₂)										Packer Set At		County or Parish Harding	
Producing Thru CSG.		Reservoir Temp. F 80 @ 898		Mean Ground Temp. F 74		Baro. Press. - P _a		State New Mexico					
898 L		898 H		1.520 G		% CO ₂ 100		% N ₂		% H ₂ S			
								Prover 2"		Meter Run Taps			

FLOW DATA					TUBING DATA		CASING DATA		Duration of Flow, Hr.	
NO.	Prover Size XXXX X	Choke Orifice Size	Press. psig	Diff. h _w	Temp. F	Press. psig	Temp. F	Press. psig		Temp. F
SI								38.4		72+
1.	2" x 1/4		37.8		60			37.8		3/4
2.	2" x 3/8		37.0		60			37.0		3/4
3.	2" x 1/2		36.0		60			36.0		3/4
4.	2" x 1		29.1		60			29.1		3/4
5.										

NO.	Coefficient (24-Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor, F _t	Gravity Factor, F _g	Super Compress. Factor F _{pv}	Rate of Flow Q, Mcfd
1.	1.115		50.3	1.000	.8111	1.000	45
2.	2.439		49.5	1.000	.8111	1.000	98
3.	4.388		48.5	1.000	.8111	1.000	173
4.	17.53		41.6	1.000	.8111	1.000	591
5.							

NO.	P _i	Temp. R	T _i	Z
1.	.05	520	.95	1.000
2.	.04	520	.95	1.000
3.	.04	520	.95	1.000
4.	.04	520	.95	1.000
5.				

Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl
 API Gravity of Liquid Hydrocarbons _____ deg.
 Specific Gravity Separator Gas 1.520
 Specific Gravity Flowing Fluid x x x x x
 Critical Pressure 1073 psia
 Critical Temperature 548 R

P_c 50.9 P_c² 2.591P_i P_i²

NO.	P _i	P _i ²	P _c ² - P _i ²	P _w	P _w ²	P _c ² - P _w ²	P _s	P _s ²	P _i ² - P _s ²
1.				50.3	2.530	.061			
2.				49.5	2.450	.141			
3.				48.5	2.352	.239			
4.				41.6	1.731	.860			
5.									

ADF 1,700
 n 1.000

Mcf/d

REC'D. - AMARILLO

APR 20 1978

BAKER & TAYLOR

Commission

Company

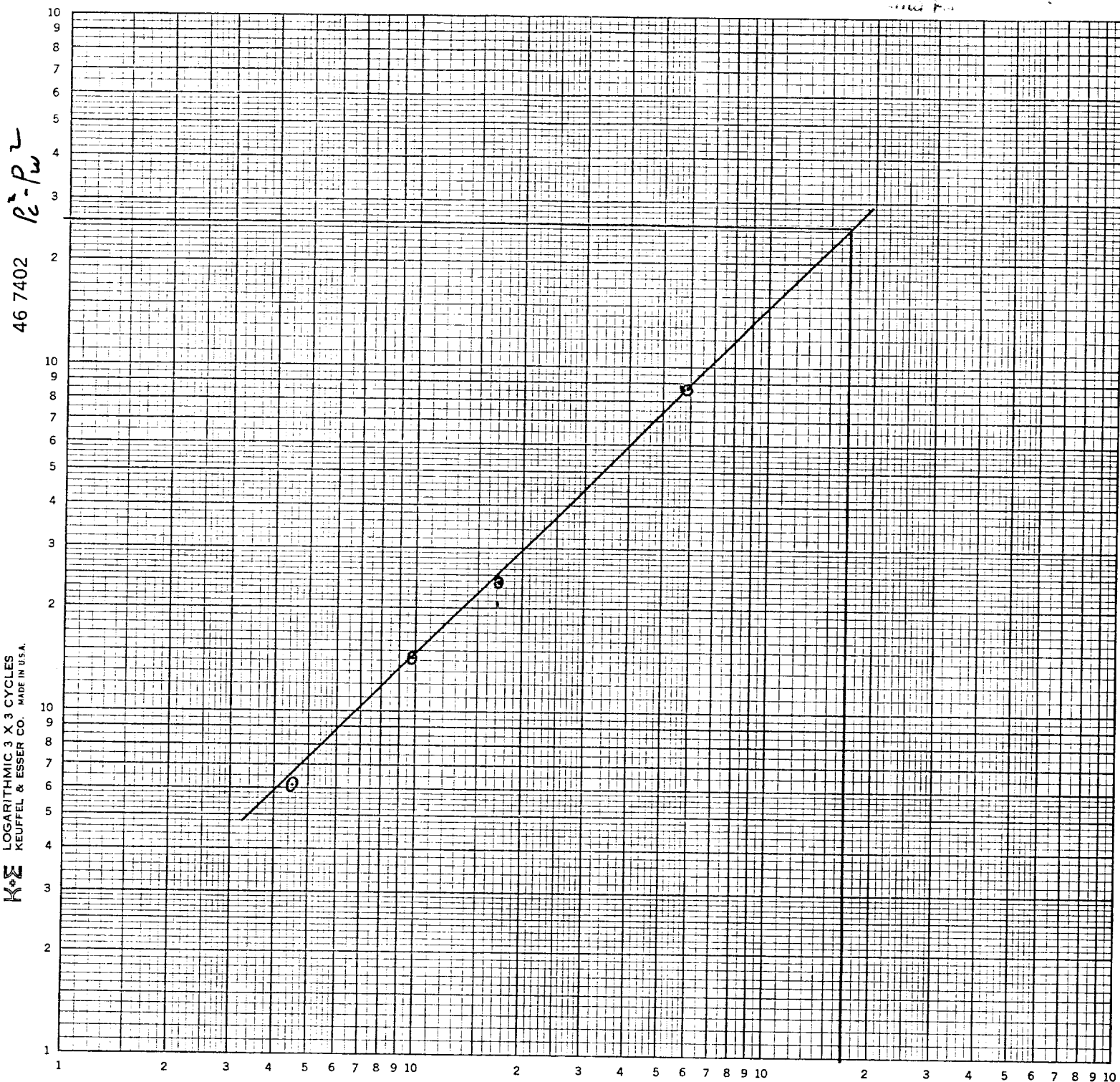
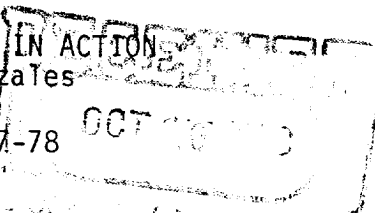
Others

PRITCHARD-MCGLOTHLIN INC.

Form BPT 5

OPERATOR:
LEASE:
WELL NO.:
DATE:

CO₂ IN ACTION
Gonzales
#2
4-17-78



K&S LOGARITHMIC 3 X 3 CYCLES
KEUFFEL & ESSER CO. MADE IN U.S.A.

Q → MCF/D

AOB - 1,700 MCF/D
θ - 45.0
n - 1.000

100-1008000

DATE Time of Reading	ELAP. TIME Hrs.	WELLHEAD WORKING PRESSURE			METER OR PROVER				REMARKS (Include liquid production data: Type - API Gravity - Amount)
		Tbg. Psig	Csg. Psig	Temp. F	Pressure Psig	Diff.	Temp. F	Orifice	
			38.4						
			37.8	60	37.8			1/4"	end 1st pt.
			37.0	600	37.0			3/8"	end 2nd pt.
			36.0	100	36.0			1/2"	end 3rd pt.
			29.1	600	29.1			1"	end 4th pt. 650
Show 45 min flow									