

FILE WORKING

MULTI-POINT BACK-PRESSURE TEST REPORT

Type Test: <input type="checkbox"/> Initial <input type="checkbox"/> Annual <input checked="" type="checkbox"/> Special	Test Date: 4-18-78	Lease No. or Serial No.
Company: CO ₂ IN ACTION	Connection	Allottee
Field: Santa Rosa	Reservoir	Location
Completion Date	Total Depth: 815	Plug Back TD: (813 measured)
Elevation	Form or Lease Name: Gallagher	
Csg. Size: 8	Wt. d	Set At: 780
Perforations: From	To: 795-815	Well No.: 1
Tbg. Size	Wt. d	Set At
Perforations: From	To	Sec. 9
		Two - Blk 21N
		Rge - Sur 30E
Type Completion (Describe): Single (CO ₂)	Packer Set At	County or Parish: Harding
Producing Thru CSG.	Reservoir Temp. F: 80 @ 803	Mean Ground Temp. F: 74
Baro. Press. - P _a	State: New Mexico	
803	H ₂ O: 803	1.520
% CO ₂ : 100	% N ₂	% H ₂ S
Prover: 2	Meter Run	Taps

NO.	FLOW DATA			TUBING DATA		CASING DATA		Duration of Flow, Hr.		
	Prover Choke XXXXXX Size	Orifice Size	Press. psig	Diff. h _w	Temp. F	Press. psig	Temp. F		Press. psig	Temp. F
1.	2" x 1/4		37.7		60			38.8		72+
2.	2" x 3/8		36.8		60			37.7		3/4
3.	2" x 1/2		34.1		60			36.8		3/4
4.	2" x 1		21.6		60			34.1		3/4
5.								21.6		3/4

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		50.2	1.000	.8111	1.000	45
2.	2.439		49.3	1.000	.8111	1.000	98
3.	4.388		46.6	1.000	.8111	1.000	166
4.	17.53		34.1	1.000	.8111	1.000	483
5.							

NO.	P _r	Temp. R	T _r	Z
1.	.04	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
 Critical Pressure 1073 psia
 Critical Temperature 548 R

P_c 51.3 P_c² 2.632 P_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.				50.2	2.520	.112			
2.				49.3	2.430	.202			
3.				46.6	2.172	.460			
4.				34.1	1.163	1.469			
5.									

ADF 850 Mcfd
 n .933

REC'D. - AMARILLO

APR 20 1978

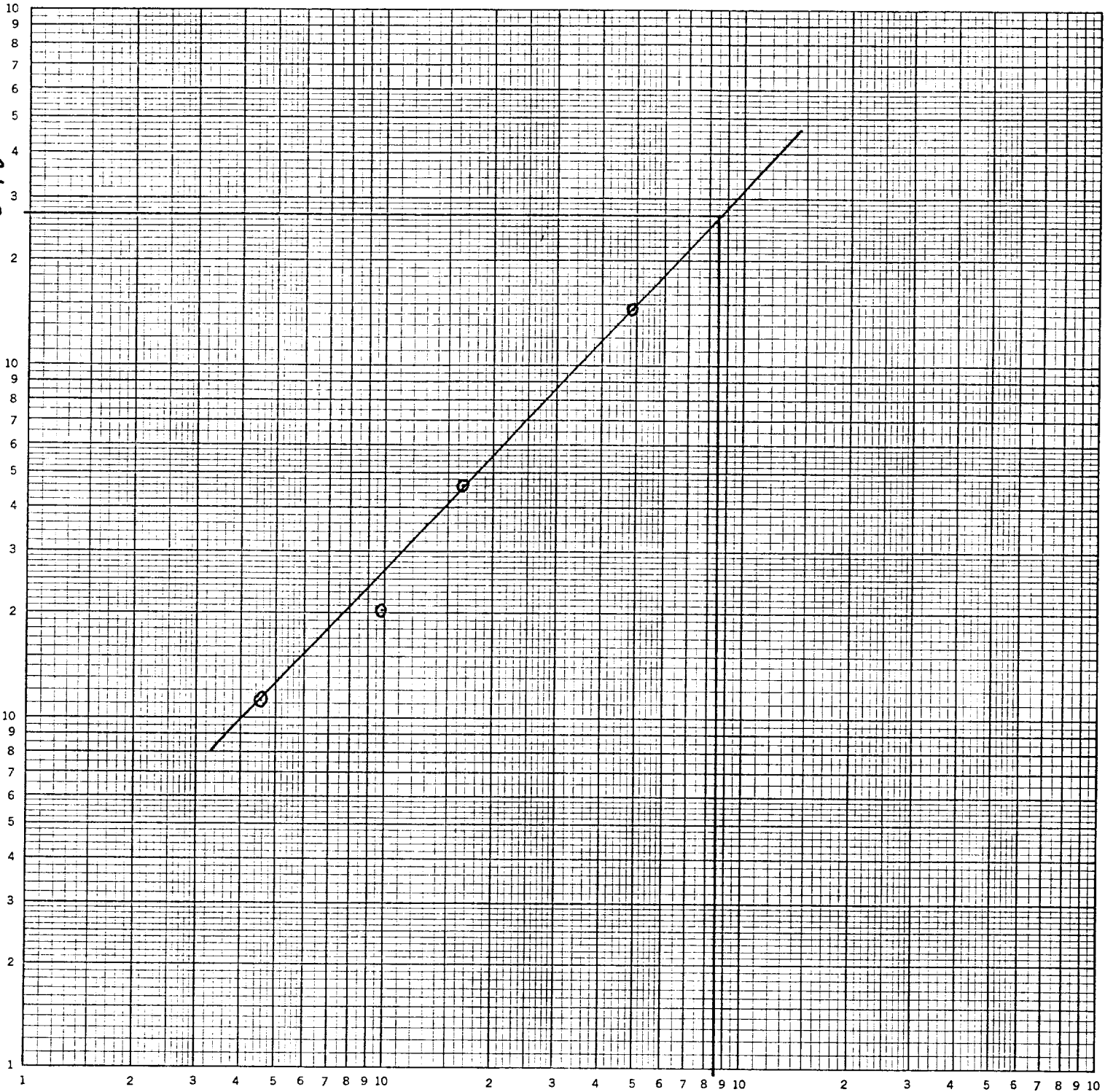
BAKER & TAYLOR

Committee
 Company
 Others
 WILKINSON McGLATHLIN, INC.

OPERATOR: CO₂ IN ACTION
 LEASE: Gallagher
 WELL NO.: #1
 DATE: 4-18-78

46 7402
 P₁ P_w

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



REC'D. - AMARILLO → MCF/0

APR 20 1978

BAKER & TAYLOR

ADF - 850 MCF/0
 a - 47.0
 n - .933

FIELD DATA SHEET

007-10-1

Type Test: <input type="checkbox"/> Initial <input type="checkbox"/> Annual <input checked="" type="checkbox"/> Special				Test Date 4-18-78	Lease No. or Serial No.
Company CO ₂ In Action				Connection	
Field Reservoir Santa Rosa				Location	
Completion Date		Total Depth 815	Plug Back TD 813	Elevation	
Csg. Size 8"		Wt. d	Set At 780	Perforations: From 795 - To 815	
Tbg. Size		Wt. d	Set At	Perforations: From Bore @ 803 To	
Type Completion (Describe) Single CO ₂				Packer Set At	Farm or Lease Name Collager
Producing Thru Csg L		Reservoir Temp. F @	Mean Annual Temp. F	Baro. Press. - Pa	Well No. #1
H		G _g	% CO ₂	% N ₂	% H ₂ S
				Prover	Meter Run 21.321T.

DATE	ELAP. TIME Time of Reading	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	
			38.8		38.8				Sketch in pressure
			37.7	60	37.7			1/4	1st pt
			36.7	60	36.8			3/8	2nd pt
			34.1	60	34.1			1/2	3rd pt
			21.6	60	21.6			1"	4th pt
<p>45' from points</p>									