

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL Revised 9-1-63

Form C-122

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 8/27/95		API Number 30-059-20100	
Company Amoco Corporation				Connection Bravo Dome CO2 Plant				RTU Number 5079	
Pool N/A				Formation Tubb				Unit BDCDGU	
Completion Date 3/22/81		Total Depth 2780		Plug Back Depth 2552		Elevation 4775 GL		Farm or Lease Name Bravo Dome	
Csg. Size 5.5	Wt. 14	Csg. Inside Dia 5.012	Set At 2773	Perforations From 2205 To 2337				Well Number 2234-251-J	
Ibg. Size 3.5	Wt. FG	Ibg. Inside Dia 2.95	Set At 2181	Perforations From n/a To n/a				Unit Sec. Twp. Rge. sec 25, T-22, R-34	
Type well -Single-Bradenhead-G.G. or G.O. Multiple Single						Packer Set At 2173		County Union	
Producing Through Tubing		Reservoir Temp. F 95		Mean Annual Temp. F 60		Baro. Press. - PSIA 12.2		State New Mexico	
Flow Channel L 2552	Depth, H 2552	Gg 1.5192	%CO2 100	%N2 0	%H2S 0	Prover ORIFICE	Meter Run 4 inch	Taps FLANGE	

FLOW DATA					TUBING DATA		CASING DATA		Duration of Flow	
NO.	Prover Size	X	Stat. Press psig	Diff. Press. Hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.		Temp. °F
SI						325				24 hour
1.						270				60 MIN
2.						250				60 MIN
3.						190				60 MIN
4.						110				60 MIN
5.						0				

RATE OF FLOW CALCULATIONS									
NO.	Coefficient (24 Hours)	_____ hw * Pm	Pressure Pm	Flow Temp. Factor, Ft	Gravity Factor, Fg	Super Compressibility Factor, Fpv	Rate of Flow Q, Mcfd		
							Values	Log(10)	
SI							0		
1.							1800	3.2553	
2.							1933	3.2862	
3.							2067	3.3153	
4.							2400	3.3802	
5.							2485	AOF	

NO.	Pr	Temp. °R	Tr	Z	Gas Liquid Hydrocarbon Ratio	N/A Mcf/bbl
1.					A. P. I. Gravity of Liquid Hydrocarbon	N/A Deg.
2.					Specific Gravity Separator Gas	N/A
3.					Specific Gravity Flowing Fluid	1.5192
4.					Critical Pressure	1072 P.S.I.A.
5.					Critical Temperature	548 R

Pc = 337.2	Pc^2 = 113,704	(1) 4th test point	(2) 4th test point
NO.	P t^2	Pw	P w^2
SI		337.2	113,704
1.		282.2	79,637
2.		262.2	68,749
3.		202.2	40,885
4.		122.2	14,933
5.			

Pc^2 - P w^2	Pc^2 - P w^2	Pc^2 - P w^2	Pc^2 - P w^2	Pc^2 - P w^2	Pc^2 - P w^2
0	Log(10)	4.5323	4.6528	4.8622	4.9946

4th test point	Q P^2 ^n	2,485 = AOF
Pc^2 - P w^2	Pc^2 - P w^2	

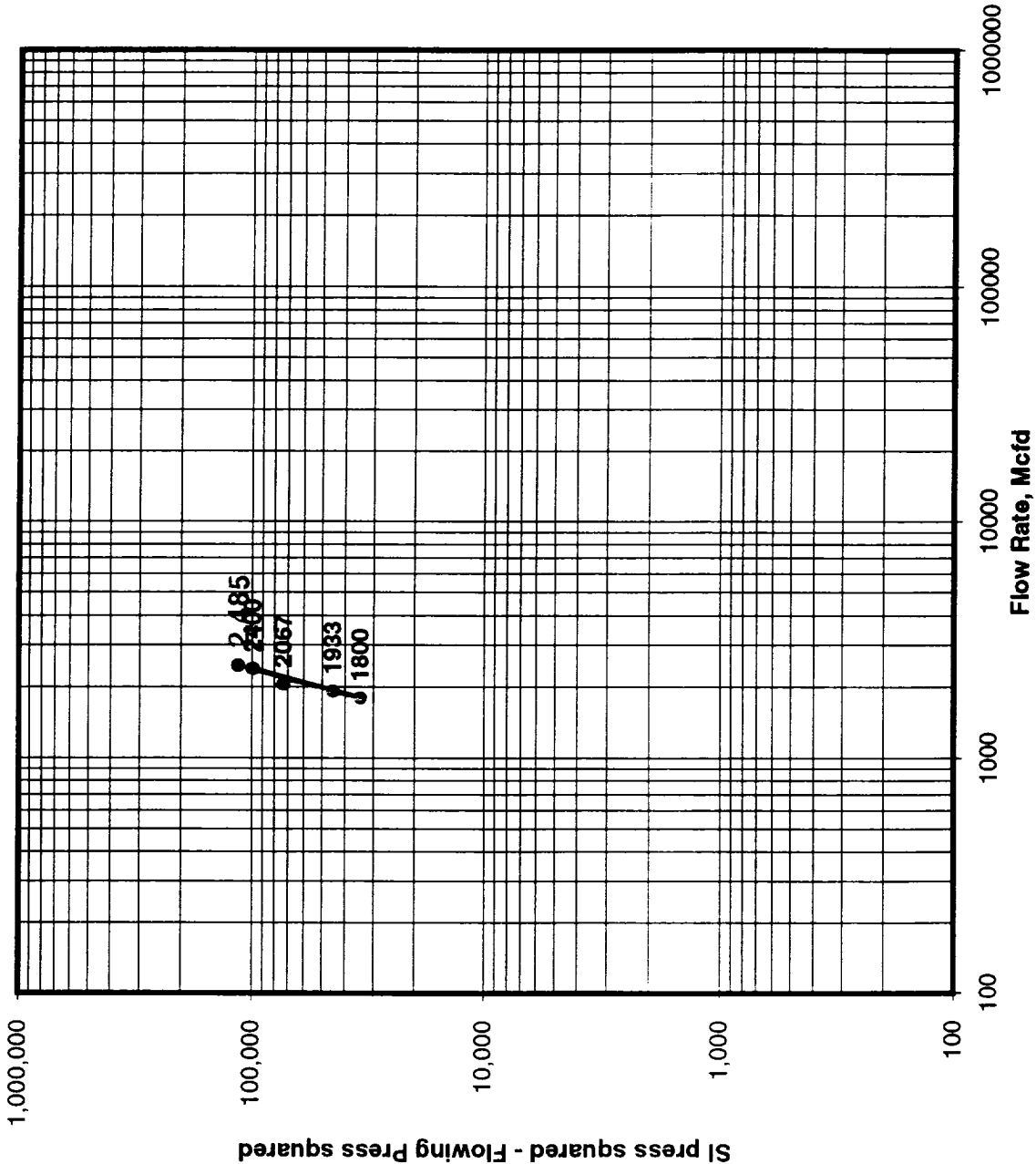
Absolute Open Flow 2,485	Mcfd @ 15.025	Angle of Slope 76.04	Slope, n = 0.249 (Cotangent)
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Remarks:

Approved By Commission:	Conducted By: Bill Prichard	Calculated By: Automation Software	Checked By: Garv Ford, Bill Prichard
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GAS WELL BACK PRESSURE TEST - ABSOLUTE OPEN FLOW



GAS WELL BACK PRESSURE TEST INFLOW PERFORMANCE

