

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
 Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 6-9-85	
Company Amoco Production Company				Connection	
Pool Bravo Dome Carbon Dioxide Gas Unit 640 Acre Area				Formation Tubb	
Completion Date 5-10-81		Total Depth 2557'		Plug Back TD 2504'	
Elevation 4475' GL		Farm or Lease Name			
Csg. Size 5-1/2"	Wt. 14#	d	Set At 2557'	Perforations: From 2015' To 2120'	
Well No. 1935 341J					
Thg. Size 2-7/8"	Wt.	d	Set At 2076	Perforations: From To	
Unit J		Sec. 24	Twp. 19	Hgt. 35	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At 1983'	
Producing Thru Tubing		Reservoir Temp. °F @ 2067'		Mean Annual Temp. °F 50	
Baro. Press. - P _a 12.2		State New Mexico			
L 2067'	H 2067'	Gg 1,529	% CO ₂ 100	% N ₂ 0	% H ₂ S 0
Prover		Meter Run 40"		Taps Flange	

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow	
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.		Temp. °F
SI							318				
1.	4.026 x 2.25			258	18	61	270.2	50			24 hr.
2.	4.026 x 2.25			270	12	60	282.2	50			24 hr.
3.	4.026 x 2.25			292	3	59	304.2	50			24 hr.
4.	4.026 x 2.25			317	1	55	329.2	50			24 hr.
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1							1548
2							1261
3							681
4							
5							

NO.	P _t	Temp. °R	T _t	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
1					0	
2					0	
3					1.529	
4						
5						

NO.	P _t	P _w	P _w ²	P _t ² - P _w ²	(1) $\frac{P_t^2}{P_t^2 - P_w^2} =$	(2) $\left[\frac{P_t^2}{P_t^2 - P_w^2} \right]^n =$
1	330.2	270.2		36.024	3.027	3.027
2		282.2		29.395		
3		304.2		16.494		
4		329.2		.659		
5						

Absolute Oper. Flow 4685 Mcfd @ 15.025				Angle of Slope θ		Slope, n 1.0	
Remarks:							
Approved By Commission:		Conducted By:		Calculated By:		Checked By:	
				D. D. Kimble			