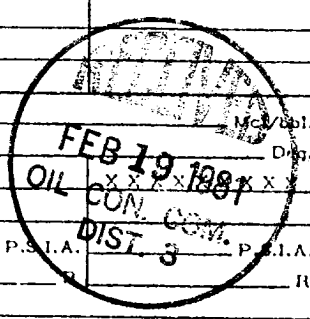


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
 Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☒ Special					Test Date 2-11-81						
Company Amoco Production Company				Connection El Paso Natural Gas Company							
Pool Basin				Formation Dakota		Unit					
Completion Date 1-17-81		Total Depth 7068		Plug Back TD 7044		Elevation 5775					
Csg. Size 4.500		Wt. 10.5	d 4.052	Set At 7068	Perforations: From 6813 To 6960						
Trg. Size 2.375		Wt. 4.7	d 1.995	Set At 6950	Perforations: From open To ended						
Type Well - Single - Bradenhead - G.G. or G.O. Multiple single					Packer Set At none						
Producing Thru tubing		Reservoir Temp. °F θ		Mean Annual Temp. °F		Baro. Press. - P _a					
L	H	G _g	% CO ₂	% N ₂	% H ₂ S	Prover					
Meter Run		Taps									
FLOW DATA											
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	TUBING DATA		CASING DATA		Duration of Flow
							Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI	13 days						1500		1500		
1.	2.375		.750				28		200		3 hrs
2.											
3.											
4.											
5.											
RATE OF FLOW CALCULATIONS											
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd				
1	12.365		35	1.000	.9258	1.005	403				
2.			30				345				
3.											
4.											
5.											
NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ A.P.I. Gravity of Liquid Hydrocarbons _____ Specific Gravity Separator Gas _____ Specific Gravity Flowing Fluid _____ X X X X X Critical Pressure _____ P.S.I.A. Critical Temperature _____ °R						
1.											
2.											
3.											
4.											
5.											
P _c 1512 P _c ² 2286144					(1) $\frac{P_c^2}{P_r^2 - P_w^2} = 1.0201$ (2) $\left[\frac{P_c^2}{P_r^2 - P_w^2} \right]^n = 1.0150$						
NO.	P _r	P _w	P _w ²	P _c ² - P _w ²							
1		212	44944	2241200							
2											
3											
4											
5											
AOI = Q $\left[\frac{P_c^2}{P_r^2 - P_w^2} \right]^n = 409.350$											
Absolute Open Flow 409.350 Mcfd @ 15.025				Angle of Slope θ	Slope, n .75						
Remarks: med spray H ₂ O											
Approved by Consultant		Conducted by: JJB		Calculated by: J. J. BARNETT							
				Checked by: 							