

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

Form C-122
Revised 9-1-65

RECEIVED
JUL 11 1985
OIL CON. DIV.

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 7-9-85	
Company El Paso Exploration				Connection	
Pool Tapacito				Formation Pictured Cliffs	
Completion Date 7-9-85		Total Depth 6483		Plug Back TD 6465	
				Elevation 7152 GR	
Farm or Lease Name Jicarilla #119 N					
Csg. Size 7.000		Wt. 20		Set At 6.456	
				4239	
Perforations: From *3870				To 3928	
Well No. #4A					
Tbg. Size 1.610		Wt. 2.4		Set At 1.380	
				3911	
Perforations: From				To	
Unit J		Sec. 6		Twp. 26	
				Rge. 4	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple G.G. Dual					
Packer Set At 4108				County Rio Arriba	
Producing Thru Tbg.		Reservoir Temp. *F a		Mean Annual Temp. *F	
				Baro. Press. - P _a 12	
				State New Mexico	
L		H		G _g	
				.680	
% CO ₂		% N ₂		% H ₂ S	
				Prover	
				Meter Run	
				Taps	

FLOW DATA							TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. *F	Press. p.s.i.g.	Temp. *F	Press. p.s.i.g.	Temp. *F	
1.			.750	29		65	259		259		7 Days
2.							29		201		3 Hrs.
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		41	.9952	.9393	1.004	476
2.							
3.							
4.							
5.							

NO.	P _r	Temp. *R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl. A.P.I. Gravity of Liquid Hydrocarbons _____ Deg. Specific Gravity Separator Gas _____ Specific Gravity Flowing Fluid _____ Critical Pressure _____ P.S.I.A. Critical Temperature _____ R
1					
2.					
3.					
4.					

P _r 271	P _r ² 73441	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{73441}{28072}$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2.2647$ AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1078$
NO.	P _w	
1	213	
2		
3		

Absolute Open Flow 1078 Mcfd @ 15.025		Angle of Slope θ _____	
Slope, n .85			
Remarks: *4.500' Liner - 4101' - 6483'. Blew light mist throughout test. Gas Vented during test = 48 MCF.			
Approved By Commission:		Conducted By: Gary Osborne	
Calculated By: Ed Mabe		Checked By: kld	