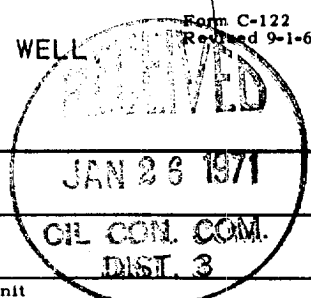


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
 Revised 9-1-65



Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 1-23-71	
Company Jacobs P. McHugh				Connection		
Pool Tapacito PO				Formation Pictured Cliffs		
Completion Date 12-24-70		Total Depth 4000		Plug Back TD 3739		
Elevation 7243.22		Farm or Lease Name Ticer				
Csq. Size 4 1/2"	Wt. 7.5#	d 40.2	Set At 4000	Perforations: From 3712 To 3728		
Tbg. Size 1 1/4"	Wt. 2.4#	d 1.370	Set At 3890	Perforations: From Open End To		
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single - G.G.				Packer Set At		
Producing Thru Tbg.		Reservoir Temp. °F @		Mean Annual Temp. °F		
Baro. Press. - P _a		State New Mexico				
L	H	G _g .65	% 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.	
1.							1054		1055	
2.	3/4" Pas. choke			147		43°			743	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.							
2.	12.365		159	1.0168	.9608	1.017	1453
3.							
4.							
5.							

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

P _c 1267	P _c ² 1,584,889	
NO.	P _i ²	P _w
1.		
2.	755	570,025
3.		
4.		
5.		

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 2.0027 \quad (2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^{n^{.65}} = 1.8046$$

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 3524$$

Absolute Open Flow	3524	Mcfd @ 15.025	Angle of Slope θ	Slope, n
Remarks: Very slight mist throughout test				

Approved By Commission: JAN 26 1971	Conducted By: Jacobs	Calculated By: Jacobs	Checked By:
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