

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

Form C-122
Revised 9-1-65

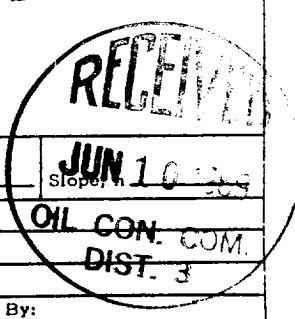
Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 6-5-69	
Company JOHN E. SCHALK				Connection		
Pool BALLARD				Formation PICTURED CLIFFS		Unit
Completion Date 5-26-69		Total Depth 2950		Plug Back TD 2906		Elevation 7278
Csg. Size 4-1/2	Wt. 10.5	d	Set At 2942	Perforations: From 2862 To 2879		Well No. 14
Tbg. Size 1-1/4	Wt. 2.4	d	Set At 2900	Perforations: From OPEN ENDED To		Unit Sec. Twp. Rge. K 14 23N 4W
Type Well - Single - Bradenhead - G.G. or G.O. Multiple SINGLE - GAS				Packer Set At ---		County RIO ARriba
Producing Thru TBG.		Reservoir Temp. °F @		Mean Annual Temp. °F		State NEW MEXICO
L	H	Gg .64	% 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	
SI							655		689		
1.											
2.											
3.	2"		3/4"	46		62	301				3 HRS.
4.											
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							
2							
3	12.3650		58	0.9981	0.9862	1.000	693
4							
5							

NO.	P _t	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas 0.64 X X X X X X X X
3.					Specific Gravity Flowing Fluid _____ X X X X X
4.					Critical Pressure 701 P.S.I.A. P.S.I.A.
5.					Critical Temperature _____ R R

NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.249$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^{.85} = 1.208$
1						
2						
3	491.4	313	98.0	393.4	AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 837$	
4						
5						

Absolute Open Flow 837 Mcfd @ 15.025		Angle of Slope @	
Remarks:			

Approved By Commission:	Conducted By: T. A. DUGAN	Calculated By: T. A. DUGAN	Checked By:
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