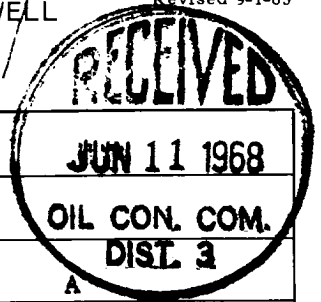


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65



Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 6-1-68			
Company Benjamin Elenbogen				Connection					
Pool Ballard Pictured Cliffs				Formation Pictured Cliffs				Unit A	
Completion Date		Total Depth 3080		Plug Back TD 3043		Elevation 7368' KB		Farm or Lease Name Jicarilla A-55	
Csg. Size 4.5	Wt. 9.50#	d	Set At 3043	Perforations: From 2929 To 2946		Well No. 2			
Tbg. Size 1.25	Wt. 2.70#	d	Set At 2915	Perforations: From To		Unit Sec. Twp. Rge. A 35 23 3			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single Gas						Packer Set At		County Sandoval	
Producing Thru X		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a 12.0		State New Mexico	
L	H	Gg	% CO ₂	% N ₂	% H ₂ S	Prover X		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.	
SI							581		582	
1.	2 X 3/4						146	44	537	
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 Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	12.3650		158	1.0157	.9682	1.018	1954
2.							
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 594	P _c ² 352836			(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \underline{\underline{6.8598}}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{\underline{5.1387}}$
NO.	P _c ²	P _w	P _w ²	P _c ² - P _w ²	
1		549	301401	51435	
2					
3					
4					
5					

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{\underline{10.041}}$

Absolute Open Flow **10.041** Mcfd @ 15.025 Angle of Slope θ _____ Slope, n **.85**

Remarks: _____

Approved By Commission:	Conducted By: <i>Donald Burtov</i>	Calculated By:	Checked By:
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