

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

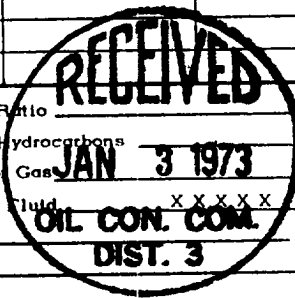
Form C-122
 Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 12-28-72			
Company Keesee & Thomas				Connection Waiting on Pipeline					
Pool Ballard P. C.				Formation Pictured Cliffs				Unit	
Completion Date 10-28-72		Total Depth 3262		Plug Back TD 3198		Elevation 7349 KB		Farm or Leage Name Chacon Jicarilla	
Csg. Size 4.500	Wt. 9.50	d 4.090	Set At 3248	Perforations: From 3095 To 3152		Well No. 2			
Tbg. Size 1.900	Wt. 2.90	d 1.610	Set At 3140	Perforations: From 3137 To 3140		Unit 0 Sec. 15 Twp. 23N Rge. 3W			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single						Packer Set At None		County Rio Arriba	
Producing Thru Tubing		Reservoir Temp. °F 110 @ 3262		Mean Annual Temp. °F --		Baro. Press. - P _a 12.0		State New Mexico	
L 3140	H 3140	Gg 0.65	% CO ₂ --	% N ₂ --	% H ₂ S --	Prover --	Meter Run --	Type --	

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							796		796		60 days
1.	0.750 T.G.						126	60	394	--	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 Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	12.3650		138	1.000	0.9608	1.0000	1,640
2.							
3.							
4.							
5.							

NO.	P _t	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 _____
3.					Specific Gravity Flowing Fluid _____
4.					Critical Pressure _____ P.S.I.A.
5.					Critical Temperature _____ R



P _c 808	P _c ² 652,864		
NO.	P _t ²	P _w	P _w ²
1		406	164,836
2			
3			
4			
5			

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.3378$$

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2,100$$

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.2806$$

Absolute Open Flow 2,100 _____ Mcfd @ 15.025	Angle of Slope @ _____	Slope, n 0.85
Remarks: _____		

Approved By Commission:	Conducted By: Dewey Smith	Calculated By: Ewell N. Walsh	Checked By: _____
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