

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 5-30-74				
Company Petroleum Corp. of Texas				Connection Waiting on Pipeline					
Pool Aztec P. C.				Formation Pictured Cliffs				Unit	
Completion Date 5-21-74		Total Depth 2291		Plug Back TD 2236		Elevation 5845'GR		Farm or Lease Name Garrett Com	
Csg. Size 4.500	Wt. 9.50	d 4.090	Set At 2270	Perforations: From 2183 To 2203			Well No. 4		
Thq. Size 1.660	Wt. 2.40	d 1.380	Set At 2172	Perforations: From 2169 To 2172			Unit A	Sec. Twp. Rge. 12 29N 11W	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At None		County San Juan		
Producing Thru Tubing		Reservoir Temp. °F 102 @ 2291		Mean Annual Temp. °F --		Baro. Press. - P _a 12.0		State New Mexico	
L 2169	H 2169	Gg 0.620	% 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							329		328		9 da
1.	3/4"						18		244		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		30	1.0000	0.9837	1.0000	365
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 _____ XXXXXXXXXX
3.					Specific Gravity Flowing Fluid _____ XXXXXX
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P _c 341	P _c ² 116,281			(1) $\frac{P_c^2}{P_r^2 - P_w^2} = \frac{2.2914}{2.0234}$
NO.	P _r ²	P _w	P _w ²	P _c ² - P _w ²
1		256	65,536	50,745
2				
3				
4				
5				

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{738}$

RECEIVED

OIL CON. COM.

DIS

Absolute Open Flow 738	Mcfd @ 15.025	Angle of Slope @ _____	Slope, n 0.85
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Remarks: _____

Approved By Commission:	Conducted By: Ewell N. Walsh	Calculated By: Ewell N. Walsh	Checked By:
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