

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				
Company Petroleum Corp. of Texas					Connection Waiting on Pipeline				
Pool Aztec Pictured Cliffs					Formation Pictured Cliffs				
Completion Date 5-8-74		Total Depth 1992		Plug Back TD 1949		Elevation 5588' G.L.		Farm or Lease Name Bunce	
Csq. Size 4.500	Wt. 9.50	d 4.090	Set At 1982	Perforations: From 1886 To 1906		Well No. 2			
Tbg. Size 1.660	Wt. 2.40	d 1.380	Set At 1885	Perforations: From 1882 To 1885		Unit Sec. Twp. Rge. A 19 29N 10W			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At None		County San Juan		
Producing Thru Tubing		Reservoir Temp. °F 100° 1992		Mean Annual Temp. °F --		Baro. Press. - P _g 12.0		State New Mexico	
L 1892	H 1892	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. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.		Temp. °F
SI							453		451		15 da
1.	3/4" T.C.						41	60	361		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		53	1.000	0.9837	1.0000	645
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	_____
4					Critical Pressure	_____ P.S.I.A.
5					Critical Temperature	_____ R

F _c 465 P _c ² 216,225		(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \underline{2.8053}$		(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{2.4032}$	
NO.	F _t ²	P _w	P _w ²	P _c ² - P _w ²	
1		373	139,129	77,076	
2					
3					
4					
5					

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{1,550}$

Absolute Open Flow	1,550	Mcf/d @ 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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