

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

Form O-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 12/29/72			
Company Pubco Petroleum Corporation				Connection El Paso Natural Gas			
Pool Blanco				Formation Pictured Cliffs		Unit K	
Completion Date 12/7/72		Total Depth 3246'		Plug Back TD 3182'		Elevation 7322 GL	
Csg. Size 3-1/2"		Wt. 9.2#		d. 2.992		Set At 3212	
Tbg. Size None		Wt. None		d. None		Set At None	
Perforations: From 3038 To 3065				Perforations: From To			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None		Form or Lease Name Jicarilla	
Producing Thru Casing				Reservoir Temp. °F 8		Mean Annual Temp. °F 12.00	
L H Gg 0.6 % CO ₂ % N ₂ % H ₂ S Prover				State New Mexico			
				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											
1.	1.995 x 0.75								627		7 days
2.	1.995 x 0.75								163	54	1 hr.
3.	1.995 x 0.75								117	54	2 hrs.
4.	1.995 x 0.75								99	54	3 hrs.
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	9.604		111	1.006	1.291	1.013	1403
4			1066.04	1072.44	1384.52	1402.52	
5							

NO.	P _f	Temp. °R	RECEIVED JAN 8 1973 OIL CON. COM. DIST. 3	Gas Liquid Hydrocarbon Ratio <u>Dry</u> Mcf/bbl.				
	1.				A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.			
	2.				Specific Gravity Separator Gas <u>0.60</u> X X X X X X X X			
	3.				Specific Gravity Flowing Fluid <u>X X X X X</u>			
	4.				Critical Pressure _____ P.S.I.A. _____ P.S.I.A.			
5.			Critical Temperature _____ R _____ R					

P _c 639 P _c ² 408,321			
NO.	P _f ²	P _w	P _w ²
1			
2			
3		111	12321
4			
5			

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.0311$$

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0264$$

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1440$$

Absolute Open Flow <u>1440</u> Mcfd @ 15.025		Angle of Slope θ _____		Slope, n <u>0.85</u>	
Remarks: _____					

Approved By Commission:	Conducted By: R. J. Flaker	Calculated By: J. C. Johnson	Checked By:
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