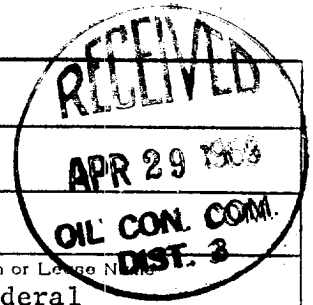


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 4/24/69	
Company Pubco Petroleum Corp.			Connection El Paso Natural Gas		
Pool Undesignated Pictured Cliffs			Formation Pictured Cliffs		Unit
Completion Date 4/17/69		Total Depth 3,200' K.B.	Plug Back TD 3,166' K.B.	Elevation 6,479' Gr.	Farm or Lease Name Federal
Chap. Size 3-1/2" OD	Wt. 7.70	d 3.068	Set At 3,172' K.B.	Perforations: From 3,098 To 3,164	Well No. 17
Thq. Size 1.660	Wt. 2.33	d 1.380	Set At 3031	Perforations: From 3,027 To 3,031	Unit Sec. Twp. Rye. N 30 32N 11W
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None	County San Juan
Producing Thru		Reservoir Temp. °F @	Mean Annual Temp. °F	Baro. Press. - P _a 12.00	State New Mexico
L	H	G _g 0.60	% 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							902		902		
1.	1.995	x	0.750				142		760	59	1 Hr.
2.	1.995	x	0.750				123		528	60	2 Hr.
3.	1.995	x	0.750				109		475	63	3 Hr.
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							
2							
3	12.365		121	0.9971	1.291	1.013	1951
4			1496.165	1491.826	1925.947	1950.984	
5							

NO.	P _t	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio _____ Dry Gas _____ Mcf/bbl.
1	0.18	523	1.46	0.9750	A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas _____ 0.60 _____ 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 914	P _c ² 835,396					
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.3960$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.3278$
1		487	237,169	598,227		
2						
3						
4						
5						

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2491.538$

Absolute Open Flow _____ 2492 _____ Mcfd @ 15.025	Angle of Slope θ _____	Slope, n _____ 0.85
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Remarks: _____

Approved By Commission:	Conducted By: Glen O. Rhodes	Calculated By: <i>Donald C. Jackson</i>	Checked By:
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