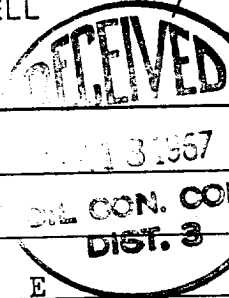


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65



Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 4-14-67	
Company NORTHWEST PRODUCTION CORP.		Connection EL PASO NATURAL GAS CO.	
Pool TAPACITO		Formation PICTURED CLIFF	
Completion Date MARCH 28, 1967		Total Depth 3650	Plug Back TD 3599
Elevation 6850		Farm or Lease Name JICARILLA 119 "N"	
Csg. Size 2 7/8"	Wt. 6.5	Set At 3642 RKB	Perforations: From 3550 To 3570
Thq. Size NONE	Wt.	Set At	Perforations: From To
Type Well - Single - Bradenhead - G.G. or G.O. Multiple SINGLE		Packer Set At NONE	
Producing Thru CSG		Baro. Press. - P _a	
Reservoir Temp. °F @		Mean Annual Temp. °F	
L 3550	H	G _g Est .680	% 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									576		
1.			3/4						149	60	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 F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.3650		161	1.00	.9393	1.018	1,904
2.							
3.							
4.							
5.							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1	.24	520	1.35	.965	A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas _____ 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 588	P _c ² 345744	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{345744}{301838}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.1072$	
NO.	P _i ²	P _w	P _w ²	P _c ² - P _w ²
1	25921	210	43906	301838
2				
3				
4				
5				

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2108 \text{ MCF}$

Absolute Open Flow 2,108	Mcf/d @ 15.025	Angle of Slope θ _____	Slope, n .85
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Remarks: _____

Approved By Commission:	Conducted By: JACK HALL	Calculated By: CHARLES E. WERNER	Checked By:
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