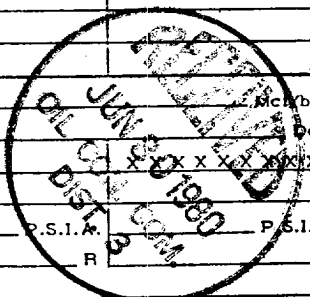


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE-POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 6/4/1980	
Company NWP Corporation				Connection New Completion			
Pool Basin				Formation Dakota		Unit SJ 32-7	
Completion Date 5/27/80		Total Depth 7890		Plug Back TD 7860		Elevation 6333	
Csg. Size 4500		Wt. 10.5		Set At 4.052		Perforations: From 7791 To 7808	
Tub. Size 2.375		Wt. 4.7		Set At 7798		Well No. 56	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Gas - Single						Packer Set At None	
Producing Thru Tubing		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a 12.0	
L		H		Gg est. .585		% CO ₂ % N ₂ % H ₂ S	
						Prover positive choke	
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.
1.	2	x	.750	40		64°	40
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 F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	9.604		52	.996	1.307	1.002	651
2.							
3.							
4.							
5.							
NO.	P _t	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio _____		
1.					A.P.I. Gravity of Liquid Hydrocarbons _____		
2.					Specific Gravity Separator Gas _____		
3.					Specific Gravity Flowing Fluid _____		
4.					Critical Pressure _____ P.S.I.A.		
5.					Critical Temperature _____ °R		
$P_c = 2612$ $P_c^2 = 6822544$							
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.0079$ $(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0059$		
1		231	53361	6769183	$AGF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 655$		
2							
3							
4							
5							
Absolute Open Flow 655 Mcfd @ 15.025					Angle of Slope @ _____		Slope, n .75
Remarks: Well produced medium mist of water.							
Approved By Commission:		Conducted By: George Bryan		Calculated By: B.J. Broughton		Checked By:	