

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 (retest) 6-25-1980	
Company NWP Corporation		Connection New Completion	
Pool South Los Pinos		Formation Pictured Cliffs - Fruitland	
Completion Date 5-18-80		Total Depth 3756	Plug Back TD 3740
		Elevation 6660	Form or Lease Name SJ 32-7 Unit
Csg. Size 2.875	Wt. 6.4	d 2.441	Set At 3749
Perforations: From 3444 To 3472		Well No. 53 PC	
Trq. Size None	Wt. None	d None	Set At None
Perforations: From To		Unit Sec. Twp. Rge. P 4 31N 7W	
Type Well - Single - Brdenhead - G.G. or G.O. Multiple Gas - Tubingless Completion		Packer Set At None	County San Juan
Producing Thru Casing	Reservoir Temp. °F @	Mean Annual Temp. °F @	State New Mexico
L	H	Gg est. .680	% CO ₂ % N ₂ % H ₂ S
		Prover positive choke	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									1422		SIP
1.	2	x	.750"	51	60				51		3hrs.
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	9.604		63	1.000	1.214	1.004	737
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons	Deq.
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.
5.					Critical Temperature	R

P _c 1434	P _c ² 2056356	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0032$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0027$	
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²
1		81	6561	2049795
2		(calc)		
3				
4				
5				

Absolute Open Flow 739		Mcf @ 15.025	Angle of Slope @	Slope, n
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Remarks: Well produced light mist through out test.				
GL	I-E-S	(Fc Q ²)	R ²	Pt ²
2342	.157	16737	2628	3969
Approved By Commission:		Conducted By: Fred Hamrick	Calculated By: B.J. Broughton	Checked By: