

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		(retest) 6/25/1980	
Company NWP Corporation		Connection New Completion	
Pool South Los Pinos		Formation Pictured Cliffs - Fruitland	
Completion Date 5-17-80		Total Depth 3840	Plug Back TD 3832
		Elevation 6739	Well No. SJ 32-7
Csq. Size 2.875	Wt. 6.4	d 2.441	Set At 3840
Perforations: From 3514 To 3530		Well No. 54 PC	
Trq. Size None	Wt. None	d None	Set At None
Perforations: From To		Unit Sec. Twp. Rge. B 9 31N 7W	
Type Well - Single - Brdenhead - G.G. or G.O. Multiple Gas - Tubingless Completion		Packer Set At None	
Producing Thru Casing		County San Juan	
Reservoir Temp. °F a		State New Mexico	
Mean Annual Temp. °F 12.0		Baro. Press. - P _a	
L	H	G _g 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									1154		SIP
1.	2	x	.750	22					22		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		34	1.000	1.214	1.004	398
2.							
3.							
4.							
5.							

NO.	P _r	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	XXXXXX
3.					Specific Gravity Flowing Fluid	XXXXX
4.					Critical Pressure	P.S.I.A.
5.					Critical Temperature	R

P _c 1166	P _c ² 1359556	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0014$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0012$
NO.	P _t ²	P _w	P _w ²
1		44	1936
2		(calc)	
3			
4			
5			

Absolute Open Flow 398 Mcfd @ 15.025		Angle of Slope e	Slope, n .85
Remarks: Produced intermittent slugs of water & sand.			
GL	I-E-S	(F _c Q) ²	R ²
2390	.160	4881	781
Approved By Commission:		Conducted By: Fred Hamrick	Calculated By: B.J. Broughton