

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

Form C-122
Revised 9-1-65

RECEIVED
OCT 18 1985
OIL CON. DIV.
DIST. 3

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 10-16-85	
Company El Paso Natural Gas		Connection	
Pool Basin		Formation Dakota	
Completion Date 10-16-85	Total Depth 7939	Plug Back TD 7931	Elevation 6599 GR
Csg. Size 4.500		Wt. 11.6	Set At 4.000
Perforations: From 7677 To 7878		Well No. #34E	
Perforations: From To		Unit Sec. Twp. Rge. 0 18 28 05	
Type Well - Single - Bradenhead - G.C. or G.O. Multiple Single		Packer Set At None	
Producing Thru Tbg.		County Rio Arriba	
Reservoir Temp. °F a		State New Mexico	
Mean Annual Temp. °F		Baro. Press. - P _a 12	
L	H	G _g	% 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.	
SI							2042		2042	
1.										
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.							
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 _____ 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

NO.	P _r	P _w	P _w ²	P _r ² - P _w ²	(1) $\frac{P_c^2}{P_r^2 - P_w^2} =$ _____	(2) $\left[\frac{P_c^2}{P_r^2 - P_w^2} \right]^n =$ _____
1.						
2.						
3.						
4.						
5.						

ACF = Q $\left[\frac{P_c^2}{P_r^2 - P_w^2} \right]^n =$ _____

Absolute Open Flow _____ Mcfd @ 15.025

Angle of Slope @ _____ Slope, n _____

Remarks: _____

Approved by Commission:	Conducted By: John Easley	Calculated By: Ed Mabe	Checked By: kld
-------------------------	------------------------------	---------------------------	--------------------