

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

Form C-122
Revised 9-1-65

RECEIVED
DEC 12 1985
OIL CON. DIV.
DIST. 3

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 12-10-85									
Company El Paso Natural Gas		Connection									
Pool Basin		Formation Dakota									
Completion Date 12-10-85	Total Depth 7714	Plug Back TD 7705	Elevation								
Csg. Size 4.500	wt. 10.5	d 4.052	Set At 7714								
Perforations: From 7460	To 7676		Well No. #118E								
Perforations: From	To		Unit Sec. Twp. Rge. P 22 27 05								
Type Well - Single - Broadhead - G.C. or G.O. Multiple Single			Packer Set At None								
Producing Thru Tbg.	Reservoir Temp. °F a	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											
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	TUBING DATA Press. p.s.i.g.	Temp. °F	CASING DATA Press. p.s.i.g.	Temp. °F	Duration of Flow
1.							1997		2148		7 Days
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, Mcd				
1.											
2.											
3.											
4.											
5.											
NO.	P _i	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl. A.P.I. Gravity of Liquid Hydrocarbons _____ Deg. Specific Gravity Separator Gas _____ Specific Gravity Flowing Fluid _____ Critical Pressure _____ P.S.I.A. Critical Temperature _____ R						
1.											
2.											
3.											
4.											
5.											
NO.	P _i	P _w	P _u	P _e - P _w	(1) $\frac{P_e^2}{P_e^2 - P_w^2} =$ _____ (2) $\left[\frac{P_e^2}{P_e^2 - P_w^2} \right]^n =$ _____ ACF = Q $\left[\frac{P_e^2}{P_e^2 - P_w^2} \right]^n =$ _____						
1.											
2.											
3.											
4.											
5.											
Absolute Open Flow _____ Mcd @ 15.025					Angle of Slope @ _____			Slope, n _____			
Remarks: AFG - 547 MCF/D - for sizing											
Approved by Commission:			Conducted By: Gary Osborne			Calculated By: Ed Mabe			Checked By: kld		