

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 3-27-80	
Company El Paso Natural Gas Company					Connection	
Pool Basin					Formation Dakota	
Completion Date 3-20-80		Total Depth 6992		Plug Back TD 6974		
Elevation Farm or Lease Name Lodewick						
Csq. Size 4.500	Wt. 10.5	d 4.052	Set At 6992	Perforations: From 6722 To 6916		
Thg. Size 2.375	Wt. 4.7	d 1.995	Set At 6887	Perforations: From To		
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At	
Producing Thru					County San Juan	
Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a State New Mexico		
L	H	Gg	% 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.		Temp. °F
SI							741		1524		7 Days
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 Fg	Super Compress. Factor, Fpv	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

NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$	(2) $\frac{P_c^2}{P_c^2 - P_w^2} =$
1.						
2.						
3.						
4.						
5.						

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

RECEIVED

MAR 28 1980

OIL CON. COM.

DIST. 3

Absolute Open Flow _____ Mcfd @ 15.025	Angle of Slope θ _____	Slope, n _____
--	-------------------------------	----------------

Approved By Commission:	Conducted By: J. Gillentine	Calculated By: C.R. Wagner	Checked By:
-------------------------	-----------------------------	----------------------------	-------------