

2-D
X-ENEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELLForm C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 10/28/82	
Company DEPCO, INC.				Connection not connected	
Pool Basin				Formation Dakota	
Completion Date 10/20/82		Total Depth 6850' KB		Plug Back TD 6804' KB	
Elevation 6089' GL		Farm or Lease Name MKL			
Cwg. Size 5 1/2"	Wt. 15.5#	d	Set At 6848'	Perforations: From 6592' To 6692'	
Tbg. Size 1.900"	Wt. 2.9#	d	Set At 6638' KB	Perforations: From To	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple G.G. Multiple				Packer Set At 4695' KB	
Producing Thru Tbg.		Reservoir Temp. °F		Mean Annual Temp. °F	
Baro. Press. - P _g		County Rio Arriba			
State New Mexico					
L	H	Gg	% 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. hw
1.	2"	X	3/4"		
2.					
3.					
4.					
5.					
TUBING DATA					
				Press. p.s.i.g.	Temp. °F
				1981#	
				78#	50
CASING DATA					
				Press. p.s.i.g.	Temp. °F
Duration of Flow					
7 day SI					
3 hrs.					
RATE OF FLOW CALCULATIONS					
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor F _g
1.	12.3650		90	1.0098	1.0000
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 XXXXXXXXXX
3.					Specific Gravity Flowing Fluid XXXXX
4.					Critical Pressure P.S.I.A. P.S.I.A.
5.					Critical Temperature °R °R
$P_c = 1993$ $P_c^2 = 3,972,049$					
NO.	P _r	P _w	P _w ²	P _r ² - P _w ²	(1) $\frac{P_c^2}{P_r^2 - P_w^2} = 1.0258$
1.	8100	316	99,856	3,872,193	(2) $\left[\frac{P_c^2}{P_r^2 - P_w^2} \right]^n = 1.0193$
2.					
3.					
4.					
5.					
Absolute Open Flow 1,146 Mcf @ 15.025 Angle of Slope 0 Slope, n .75					
Remarks:					
Approved by Commission		Conducted by Crum		Calculated by Crum	
				Checked by	