

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

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 8/28/81			
Company DEPCO, INC.				Connection not connected			
Pool West Kutz				Formation Pictured Cliffs		Unit	
Completion Date 8/20/81		Total Depth 1930' KB		Plug Back TD 1870' KB		Elevation 6173' KB	
Form or Lease Name Federal							
Crp. Size 4.5"	Wt. 10.5#	Set At 1927' KB	Perforations: From 1762' To 1788'		Well No. 30 #41		
Fig. Size 1.315"	Wt. 1.7#	Set At 1770' KB	Perforations: From To		Unit A	Sec. 30	Twp. 27N
Type Well - Single - Bradenhead - G.C. or C.O. Multiple Single				Packer Set At -		County San Juan	
Producing Thru Tbg.		Reservoir Temp. °F 8		Mean Annual Temp. °F		State New Mexico	
L	H	Gg	% CO ₂	% N ₂	% H ₂ S	Prover	Meter Run
FLOW DATA				TUBING DATA		CASING DATA	
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. hw	Temp. °F	Duration of Flow
SI							
1.	2	X	3/4"				7 day SI
2.							3 hrs.
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			PITOT	POTENTIAL			391
3							
4							
5							
NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.		
1					A.P.I. Gravity of Liquid Hydrocarbon _____ Deg.		
2					Specific Gravity Separator _____ X X X X X X X X		
3					Specific Gravity Flowing Fluid _____ X X		
4					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.		
5					Critical Temperature _____ R _____ R		
P _r 302		P _c 91,204					
NO.	P _r	P _w	P _c	P _r ² - P _w ²	(1) $\frac{P_r^2}{P_r^2 - P_w^2} = 5.6994$ (2) $\left[\frac{P_r^2}{P_r^2 - P_w^2} \right]^n = 6.8981$		
1	-	286	81,796	9,408			
2							
3							
4							
5							
Absolute Open Flow 2,697				Mcf/d @ 15.025		Angle of Slope @ _____	
Slope = n .85							
Remarks:							
Approved by Conservation		Conducted by		Calculated by		Checked by	
		C. L. S.		C. L. S.			