

✓ 2-0CC, Aztec, N.M.

1-8UG

1-D

1-F

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 11/3/75	
Company DEPCO, INC.					Connection						
Pool West Kutz					Formation Pictured Cliffs					Unit	
Completion Date 9/30/75			Total Depth 1851'		Plug Back TD 1840'		Elevation 6050'GL		Farm or Lease Name Hancock		
Csg. Size 4 1/2"	Wt. 11.60	d 4.000	Set At 1850'		Perforations: From 1780' To 1818'			Well No. 8-R			
Tbg. Size 1"	Wt. 1.7	d 1.049	Set At 1816'		Perforations: From 1806' To 1816'			Unit 8	Sec. 12	Twp. 27	Rge. 12
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single							Packer Set At		County San Juan		
Producing Thru Tbg.		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							186		186		7 day
1.									157		3 hrs
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			(PITCH POTENTIAL)				147
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _f	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 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

P _c 198	P _c ² 39204	
NO.	P _t ²	P _w
1		169
2		28561
3		10643
4		
5		

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \mathbf{3.6835}$

ACF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \mathbf{445}$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \mathbf{3.0292}$

Absolute Open Flow 445 Mcfd @ 15.025	Angle of Slope θ _____	Slope, n _____
Remarks: _____		
Approved By Commission: _____ Conducted By: _____ Calculated By: _____ Checked By: _____		