

✓2-OCD, Aztec, N.M.

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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 8/19/81	
Company DEPCO, INC.			Connection .not connected		
Pool West Kutz			Formation Pictured Cliffs		Unit
Completion Date 8/2/81		Total Depth 1982' KB		Plug Back TD 1973' KB	Elevation 6262' GL
Farm or Lease Name Federal					
Csg. Size 4.5"	Wt. 10.5#	d	Set At 1982' KB	Perforations: From 1784' To 1816'	Well No. 33 #44
Tbg. Size 1.315"	Wt. 1.7#	d	Set At 1797' KB	Perforations: From To	Unit Sec. Twp. Rge. P 33 27N 11W
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							424#		424#		7 day SI
1.	2	X	3/4"				15#	52	396#		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 Fg	Super Compress. Factor Fpv	Rate of Flow Q, Mcfd
1	12.3560		27	1.0078	1.0000	1.0000	336
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	Deq.
2.					Specific Gravity Separator Gas	XXXXXX
3.					Specific Gravity Flowing Fluid	XXXXXX
4.					Critical Pressure	P.S.I.A.
5.					Critical Temperature	R

P _c 436	P _c ² 190,096	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 8.0440$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 5.8837$
NO.	P _r ²	P _w	P _w ²
1	-	408	166,464
2			
3			
4			
5			

Absolute Open Flow 1,977 Mcfd @ 15.025		Angle of Slope θ	Slope, n .85
Remarks:			
Approved By Commission: _____ Conducted By: _____ Calculated By: _____ Checked By: _____			