2-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: [X] Initial [ ] Annual [ ] Special			Test Date: 11/4/82	
Company: DEPCO, INC.	Connection: not connected			
Pool: Blanco	Formation: Mesaverde		Unit:	
Completion Date: 10/20/82	Total Depth: 6850' KB	Plug Back TD: 6804' KB	Elevation: 6089' GL	Farm or Lease Name: MKL
Csg. Size: 5½" / Wt.: 15.5# / d: / Set At: 6848' KB	Perforations: From 4452' To 4528'			Well No.: 5-A (dual)
Tbg. Size: 1¼" / Wt.: 2.4# / d: / Set At: 4490' KB	Perforations: From To			Unit: O / Sec.: 6 / Twp.: 26N / Rge.: 7W
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: G. G. Multiple		Packer Set At: 4695' KB		County: Rio Arriba
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_2S	Prover	Meter Run	Taps

	FLOW DATA					TUBING DATA		CASING DATA		
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	Duration of Flow
SI						1032#		1032#		7 day SI
1.	2"	X 3/4"				47#	58	549#		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	12.3650		59	1.0019	1.000	1.000	731
2.							
3.							
4.							
5.							

NO.	P_t	Temp. °R	T_r	Z
1.				
2.				
3.				
4.				
5				

Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
Specific Gravity Separator Gas _____ XXXXXXXXX
Specific Gravity Flowing Fluid XXXXX _____
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

P_c 1044 P_c^2 1,089,936

NO	P_t	P_w	P_w^2	$P_c^2 - P_w^2$
1	3481	561	314,721	775,215
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.4060$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.2912$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 944$

Absolute Open Flow 944 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .75

Remarks: _____

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	Crum	Crum	