3-D ✓
1-F

NEW MEXICO OIL CONSERVATION COMMSSION

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

RECEIVED
AUG 19 1982
OIL CON. DIV.
FARMINGTON, N. M.

Type Test: [X] Initial [ ] Annual [ ] Special				Test Date: 7/20/82	
Company: DEPCO, INC.			Connection: not connected		Unit
Pool: South Blanco			Formation: Pictured Cliffs		
Completion Date: 7/13/82	Total Depth: 3428' KB		Plug Back TD: 3342' KB	Elevation: 6056' GL	Farm or Lease Name: MKL
Csg. Size: 5.500 / Wt.: 15.5# / d: / Set At: 3425' KB			Perforations: From 2206' To 2236'		Well No.: 16-R (dual)
Tbg. Size: 1.660 / Wt.: 2.4# / d: / Set At: 2228' KB			Perforations: From To		Unit: J / Sec.: 5 / Twp.: 26N / Rge.: 7W
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: G.G. Multiple			Packer Set At: 2325' 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						357		357		7 day SI
1.	2"	X 3/4"				87	58	252		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		99	1.0019	1.000	1.000	1,226
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 369 P_c^2 136,161

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1	9801	264	69,696	66,465
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.0486$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.8397$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 2,255$

Absolute Open Flow 2,255 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .85

Remarks: _____

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