NEW MEXICO OIL CONSERVATION COMMSSION

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: 8-26-75	
Company: Caulkins Oil Company	Connection:			
Pool: South Blanco	Formation: Pictured Cliffs			Unit:
Completion Date: 8-13-75	Total Depth: 3989	Plug Back TD: 3989	Elevation: 6667	Farm or Lease Name: Breech "D"
Csg. Size: 4 1/2" / Wt.: 10.5 / d: 4.052 / Set At: 3989	Perforations: From 2966 To 3038			Well No.: 342
Tbg. Size: 1" / Wt.: 1.7 / d: 1.049 / Set At: 2937	Perforations: From None To			Unit: A / Sec.: 21 / Twp.: 26N / Rge.: 6W
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: G.G. Dual		Packer Set At: 3837		County: Rio Arriba
Producing Thru: Tubing	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	7 Days				883		886		
1.					24		416		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	14.1605		36	1.000	1.000	1.000	510
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 _____ XXXXXXXXXX
Specific Gravity Flowing Fluid XXXXX _____
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

P_c 898 P_c^2 806,404

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		428	183,184	623,220
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.29$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.2416$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 633$

Absolute Open Flow _____ Mcfd @ 15.025 Angle of Slope θ _____ Slope n 85

Remarks: _____

RECEIVED
SEP 4 1975
OIL CON. COM.

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