NEW MEXICO OIL CONSERVATION COMMSSION

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

RECEIVED
NOV 2 1966
OIL CON. COM.
DIST. 3

Type Test: [X] Initial [ ] Annual [ ] Special				Test Date: 10-12-66	
Company: Tennaco Oil Co.			Connection		
Pool: Blanco Mesa Verde			Formation: Mesa Verde		Unit
Completion Date	Total Depth		Plug Back TD	Elevation: 5883	Farm or Lease Name: Florance
Csg. Size: 4.5 / Wt. / d / Set At: 7018			Perforations: From 4102 To 4740		Well No.: 24
Tbg. Size / Wt. / d / Set At			Perforations: From To		Unit: A Sec.: 23 Twp.: 29 Rge.: 9
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Dual Gas			Packer Set At		County: San Juan
Producing Thru: CSG	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								757		
1.	2	X 3/4						402	60	3 hr.
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	12.3659		414	1.000	.9608	1.043	5131
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 769 P_c^2 591361

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		459	210472	380889
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.5526$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.3908$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 7136$

Absolute Open Flow 7136 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .75

Remarks: AFTER WORKOVER

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
		Neil Tefteller	J. R. Massey