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: 12-14-66	
Company: Tennoco Oil Company		Connection			
Pool: Basin Dakota		Formation: Dakota		Unit	
Completion Date	Total Depth	Plug Back TD	Elevation: 5883 GL	Farm or Lease Name: Florance	
Csg. Size: 4.5 / Wt. / d / Set At: 7018		Perforations: From 6766 To 6986		Well No.: #24	
Tbg. Size: 2.375 / Wt. / d / Set At: 6664		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: 6664		County: San Juan	
Producing Thru: TBG.	Reservoir Temp. °F: @	Mean Annual Temp. °F	Baro. Press. – P_a: 12.0	State: New Mexico	
L	H	Gg	% CO_2	% N_2	% H_2S / Prover / Meter Run / Taps

FLOW DATA

NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h_w	Temp. °F	TUBING DATA Press. p.s.i.g.	TUBING DATA Temp. °F	CASING DATA Press. p.s.i.g.	CASING DATA Temp. °F	Duration of Flow
SI							1842		PKR.		
1.	2	x	3/4				78	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	12.3650		90	1.000	.9608	—	1069
2.							
3.							
4.							
5.							

NO.	P_r	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 _____ XXXXXX
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

RECEIVED
DEC 30 1966
OIL CON. COM.
DIST. 3

P_c 1854 P_c^2 3437316

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		90	8100	3429216
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0024$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.0018$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1071$

Absolute Open Flow 1071 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .75

Remarks: _____

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
		Neil Teftellar	J. E. Massey