NEW MEXICO OIL CONSERVATION COMMSSION

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

RECEIVED
NOV 21 1966
OIL CON. COM.
DIST. 3

Type Test: [X] Initial [ ] Annual [ ] Special			Test Date: 10-24-66	
Company: Tennece Oil Co.	Connection			
Pool: Basin Dakota	Formation: Dakota			Unit
Completion Date	Total Depth	Plug Back TD: 7964	Elevation	Farm or Lease Name: Jicarilla C
Csg. Size: 4.5 / Wt. / d / Set At: 7998		Perforations: From 7692 To 7932		Well No.: 2
Tbg. Size: 2.375 / Wt. / d / Set At: 7905		Perforations: From To		Unit: N / Sec.: 14 / Twp.: 26 / Rge.: 5
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single		Packer Set At		County: Rio Arriba
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					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						2455		2473		
1.	2	x 3/4				315	60	1077		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		327	1.000	.9608	1.35	4019
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 XXXXX _____
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

P_c 2485 P_c^2 6175225

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		1089	1185921	4989304
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.2377$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.1734$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 4716$

Absolute Open Flow 4716 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .75

Remarks: _____

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

J. E. Massey
Tennece Oil Company