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: 10-16-75	
Company: TENNECO OIL COMPANY	Connection:			
Pool: Blanco Mesaverde	Formation: Mesa Verde			Unit: I
Completion Date: 10-6-75	Total Depth: 5670	Plug Back TD: 5610	Elevation: 6226 GL	Farm or Lease Name: Moore
Csg. Size: 4½" / Wt.: 10.5# / d: / Set At: 5670		Perforations: From 4876 To 5435		Well No.: 3-A
Tbg. Size: 2 3/8" / Wt.: 4.7# / d: / Set At: 5425		Perforations: From To		Unit: I / Sec.: 4 / Twp.: 30N / Rge.: 8W
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single		Packer Set At: None		County: San Juan
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
		.680						

NO.	FLOW DATA: Prover Line Size X Orifice Size	Press. p.s.i.g.	Diff. h_w	Temp. °F	TUBING DATA: Press. p.s.i.g.	Temp. °F	CASING DATA: Press. p.s.i.g.	Temp. °F	Duration of Flow
SI					494	–	677	–	–
1.	2 x .750	227	–	64	227	64	548	–	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	11		239	.9831	1.213	1.030	3229
2							
3							
4							
5							

NO.	P_r	Temp. °R	T_r	Z
1	.3572	524	1.311	.942
2.				
3.				
4.				
5				

Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
Specific Gravity Separator Gas _____
Specific Gravity Flowing Fluid XXXXX
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

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OCT 2 1975
OIL CON. COM.
DIST. XXXXXXXXX

P_c 689 P_c^2 474,721

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1	57,121	560	313,600	161,121
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.9464$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 2.2489$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 7262$

Absolute Open Flow 7262 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .75

Remarks: _____

Approved By Commission:	Conducted By:	Calculated By: J. D. Hicks	Checked By: