STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-122
Revised 10-1-78

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test: [X] Initial [ ] Annual [ ] Special				Test Date: 12-29-87	Rec JAN 07 1988
Company: TENNECO OIL CO.				Connection:	
Pool: BLANCO				Formation: PICTURED CLIFFS	Unit:
Completion Date:		Total Depth: 3091		Plug Back TD: 3046	Elevation:
Farm or Lease Name: ATLANTIC A					
Csg. Size: 4 1/2"	Wt.: 10.5#	d: K-55	Set At: 3091	Perforations: From 2972 To 3048	Well No.: 19
Tbg. Size: 2 3/8"	Wt.: 4.7#	d: J-55	Set At: 3000	Perforations: From To	Unit: B / Sec.: 27 / Twp.: 31N / Rge.: 10W
Type Well – Single – Bradenhead – G.C. or G.O. Multiple:				Packer Set At:	County: SAN JUAN
Producing Thru:	Reservoir Temp. °F:	Mean Annual Temp. °F:		Baro. Press. – P_a:	State: NEW MEXICO
L:	H:	Gg: .660	% 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	Tubing Press. p.s.i.g.	Tubing Temp. °F	Casing Press. p.s.i.g.	Casing Temp. °F	Duration of Flow
SI							358		358		
1.	2x6x.750						86		159	60	3 hours
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	11.0		98	1.000	1.231	1.011	1342
2.							
3.							
4.							
5.							

NO.	P_t	Temp. °R	T_t	Z
1.	0.146	520	1.376	0.978
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 370 P_c^2 136900

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		171	29241	107659
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.272$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.227$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1646$

Absolute Open Flow 1646 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .85

Remarks: _____

Approved By Division	Conducted By:	Calculated By:	Checked By:
	LARRY THACKER	MARK MC COOL	