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: 10/08/85

Company: TENNECO OIL CO.	Connection:				
Pool: BLANCO	Formation: PICTURED CLIFF			Unit:	
Completion Date:	Total Depth: 5685	Plug Back TD: 5667	Elevation:	Farm or Lease Name: HUGHES	
Csg. Size: 7" / 4½" — Wt.: — d: —	Set At: 3350	Perforations: From 3006 To 3096		Well No.: LS 7A	
Tbg. Size: 1¼" — Wt.: — d: —	Set At: 3055	Perforations: From — To —		Unit: F — Sec.: 29 — Twp.: 29 — Rge.: 8	
Type Well — Single — Bradenhead — G.G. or G.O. Multiple		Packer Set At: 3194		County: SAN JUAN	
Producing Thru: L / H	Reservoir Temp. °F:	Mean Annual Temp. °F:	Baro. Press. — P_a:	State: NEW MEXICO	
	Gg: .680	% CO_2:	% N_2:	% H_2S:	Prover: — Meter Run: — Taps:

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.	TUBING DATA Temp. °F	CASING DATA Press. p.s.i.g.	CASING DATA Temp. °F	Duration of Flow
2x6x.75						835		848		
						108		652	58	3 hours

RATE OF FLOW CALCULATIONS

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
11		120	1.002	1.213	1.0132	1625

P_t	Temp. °R	T_t	Z
.18	518	1.34	.974

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

DEC 10 1985
OIL CON. DIV.
DIST. 3

60 P_c^2 739600

	P_w	P_w^2	$P_c^2 - P_w^2$
	664	440896	298704

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.4760$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 2.1612$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 3512$

Mcfd @ 15.025 — Angle of Slope θ — Slope, n .85

Rem. Flo = 3512