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: ☒ Initial ☐ Annual ☐ Special			Test Date: 10/04/85	
Company: TENNECO OIL CO.	Connection:			
Pool: UNDESIGNATED	Formation: FRUITLAND-COAL			Unit:
Completion Date	Total Depth: 7770	Plug Back TD: 7735	Elevation	Farm or Lease Name: MOORE
Csg. Size: 7" 4½" / Wt. / d / Set At: 3540 7770	Perforations: From 2904 To 3086			Well No.: 6E
Tbg. Size: 1¼" / Wt. / d / Set At: 3058	Perforations: From To			Unit: J Sec.: 5 Twp.: 30 Rge.: 8
Type Well – Single – Bradenhead – G.G. or G.O. Multiple		Packer Set At: 3151		County: SAN JUAN
Producing Thru	Reservoir Temp. °F	Mean Annual Temp. °F	Baro. Press. – P_a	State: NEW MEXICO
L / H / Gg: .680	% 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							1435		1435		
1.	2x6x.75						86		808	62	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		98	.9981	1.213	1.0101	1318
2.							
3.							
4.							
5.							

NO.	P_t	Temp. °R	T_t	Z
1	.14	522	1.35	.980
2.				
3.				
4.				
5				

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OIL CON. DIV.
DIST. 3

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

P_c 1447 P_c^2 2093809

NO	P_t	P_w	P_w^2	$P_c^2 - P_w^2$
1		820	672400	1421409
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.4730$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.3899$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1831$

Absolute Open Flow 1831 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .85

Remarks: _____