

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
 Revised 9-1-65

Type Test ☐ Initial ☐ Annual ☒ Special				Test Date 1-11-77	
Company Tenneco Oil Company				Connection	
Pool Blanco				Formation Mesa Verde	
Completion Date 1/2/77		Total Depth 5522'		Plug Back TD 5464'	
Elevation 6172'		Farm or Lease Name Florance			
Csg. Size 4 1/2"	Wt. 10.5#	d	Set At 5516'	Perforations: From 4786' To 5022'	
Thy. Size 2-3/8"	Wt. 4.7#	d	Set At 5398'	Perforations: From 5392' To 5112'	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None Set	
Producing Thru Tubing		Reservoir Temp. °F @		Mean Annual Temp. °F	
Baro. Press. - P _a		State New Mexico			
L	H	Gg .680	% CO ₂	% N ₂	% H ₂ S
Prover		Meter Run		Taps	

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow
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.	
SI							485		673	
1.	2x6x3/4			222		58	222	58	584	-
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		234	1.002	1.213	1.0265	3211
2.							
3.							
4.							
5.							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.	0.35	518	1.35	0.949	A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas _____ X X X X X X X X
3.					Specific Gravity Flowing Fluid _____ X X X X X
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P _c 685 P _c ² 469225		(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 4.1157$		(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2.8896$	
NO	P _w ²	P _w	P _w ²	P _w ² - P _c ²	
1		596	355216	114009	
2					
3					
4					
5					

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 9278$

RECEIVED
JAN 21 1977
OIL CON. COM.
DIST. 3

Absolute Open Flow	9278	Mcf/d @ 15.025	Angle of Slope	Slope, n	.75
Remarks:					

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