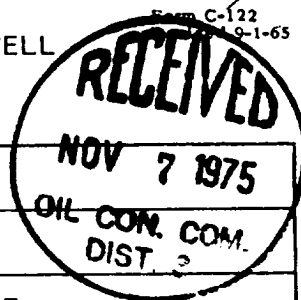


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
9-1-65



Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 10-28-75	
Company TENNECO OIL COMPANY		Connection	
Pool Blanco Mesa Verde		Formation Mesa Verde	
Completion Date 10-25-75		Total Depth 5870	Plug Back TD 5841
Elevation 6450 GL		Farm or Lease Name FLORANCE	
Cust. Size 4 1/2"	Wt. 10.5#	Set At 5860	Well No. 38-A
Thg. Size 2 3/8"	Wt. 4.7#	Set At 5670	Well No. 38-A
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 New Mexico
L	H	G _g .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							502	-	620	-
1.	2 x .750			198			198	62°	521	-
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 F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	11		210	.9981	1.213	1.023	2861
2							
3							
4							
5							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1	.3139	522	1.3558	.955	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

NO.	P _c	P _c ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 3.1209$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2.3481$
1	632	399,424	521	271,441	127,983		
2							
3							
4							
5							

Absolute Open Flow <u>6718</u> Mcfd @ 15.025				Angle of Slope θ _____	Slope, n <u>75</u>
Remarks: _____					
Approved By Commission:		Conducted By: J. D. Hicks		Checked By:	

