

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

Form C-122
 Revised 9-1-63

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 10/14/75	
Company TENNECO OIL COMPANY			Connection		
Well Blanco Mesa Verde			Formation MESA VERDE		Unit p
Completion Date 9/30/75		Total Depth 5340	Plug Back TD 5308		Elevation
Farm or Lease Name FLORANCE					
Cas. Size 4 1/2"	Wt. 10.5#	d	Set At 5338	Perforations: From 4539 To 5175	
Well No. 19-A					
Tub. Size 2 3/8"	Wt. 4.7#	d	Set At 5180	Perforations: From To	
Type Well - Single - Bradenhead - G.C. 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
State 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							582		671	
1.	2 x .750			261		78	261	78	585	-
2.										3 hrs.
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		273	.9831	1.213	1.030	3689
2							
3							
4							
5							

NO.	P _t	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1	4081	538	1.3974	.943	A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2					Specific Gravity Separator Gas _____ XXXXXXXXXX
3					Specific Gravity Flowing Fluid _____ XXXXXX
4					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5					Critical Temperature _____ R _____ R

P _c 683	P _c ² 466,489					
NO.	P _i ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 4.2377$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2.9536$
1	74,529	597	356,409	110,080		
2						
3						
4						
5						

AOG = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 10,896$

Absolute Open Flow 10,896 Mcfd @ 15.025

Angle of Slope @ .75

Slope, n _____

Remarks: _____

Approved By Commission:

Conducted By:

Calculated By:
J. D. Hicks

Checked By: