

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 3-6-86			
Company TENNECO OIL CO.				Connection					
Pool BLANCO				Formation MESA VERDE				Unit	
Completion Date		Total Depth 4738		Plug Back TD		Elevation		Farm or Lease Name FLORANCE LS	
Coq. Size 7" 4 1/2"	Wt.	d	Set At 3564 4735	Perforations: From 4394 To 4703		Well No. 4A			
Trq. Size 2 3/8"	Wt.	d	Set At 4549	Perforations: From To		Unit Sec. Twp. Rye. D 18 27N 8W			
Type Well - Single - Blindhead - G.G. or G.O. Multiple						Packer Set At 3395		County SAN JUAN	
Producing Thru		Reservoir Temp. °F		Mean Annual Temp. °F		Baro. Press. - P _a		State NEW MEXICO	
L	H	Gg .700	% 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.		Temp. °F
1.	2x6x.75						482		730		
2.							130		730	50	3hours
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1.	11		142	1.010	1.195	1.0341	1949
2.							
3.							
4.							
5.							

RECEIVED

NO.	P _t	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio	Mcf/Abbl.
1.	.21	510	1.32	.967	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 DIST. 3
4.					Critical Pressure	P.S.I.A.
5.					Critical Temperature	R

P _c 494	P _c ² 244036	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0901$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0668$
NO.	P _t	P _w	P _w ²
1		142	20164
2			
3			
4			
5			

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2079$

Absolute Open Flow 2079 Mcfd @ 15.025

Angle of Slope @

Slope, n .75

Remarks:

Approved by Division	Conducted by:	Calculated by:	Checked by:
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