

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 8/11/75	
Company TENNECO OIL COMPANY				Connection	
Pool Blanco Mesa Verde				Formation Mesa Verde	
Completion Date 7/25/75		Total Depth 7711		Plug Back TD 5059'	
Elevation		Farm or Lease Name Florance			
Csg. Size 4 1/2"	Wt. 10.5	d liner	Set At 7395	Perforations: not continuously From 4350 To 5031	
Thg. Size 2 3/8"	Wt. 4.7	d	Set At 5062	Perforations: From To	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At 4302	
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.	Temp. °F	
1	2" x .750			131		80	503		721		
2							131		497		3 hr.
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		143	0.9813	1.213	1.014	1399
2							
3							
4							
5							

NO.	P _t	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1	0.214	540	1.4024	0.972	A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2					Specific Gravity Separator Gas _____ XXXXXXXXXX
3					Specific Gravity Flowing Fluid _____ XXXXX
4					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5					Critical Temperature _____ R _____ R

NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$	(2) $\frac{P_c^2}{P_c^2 - P_w^2} =$
1	20,449	509	259,081	282,615	1.9167	1.6290
2						
3						
4						
5						

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 3093$

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DIST. 3

Absolute Open Flow	3093	Mcf/d @ 15.025	Angle of Slope @	Slope, n	75
Remarks:					

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