

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

Form C-1...
Revised --

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 11-19-76			
Company Tenneco Oil Company				Connection					
Pool Blanco Mesa Verde				Formation Mesa Verde				Unit C	
Completion Date 11-8-76		Total Depth 5470'		Plug Back TD 5437'		Elevation		Farm or Lease Name Florance	
Csg. Size 4 1/2"	Wt. 10.5	d	Set At 5469'	Perforations: From 5372' To 5122'		Well No. 14-A			
Tbg. Size 2-3/8"	Wt. 4.7	d	Set At 5382'	Perforations: From 4906' To 4647'		Unit Sec. Twp. Rge. C 8 30N 9W			
Type Well - Single - Bradenhead - G.C. or G.O. Multiple Single						Packer Set At None Set		County San Juan	
Producing Thru		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a		State New Mexico	
L	H	Gg	% 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"		0.75	132			132	60°	451	60°	3 Hrs.
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		144	1.000	1.213	1.016	1952
2.							
3.							
4.							
5.							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.	
1.	.215	520	1.35	0.968	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 _t ²	P _w	P _w ²	P _c ² - P _w ²
1	20736	463	214369	84840
2				
3				
4				
5				

P_c 54/ P_c² 299209

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 3.5267$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2.5735$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 5023$

DEC 17 1976

OIL CO. CO.

Dist. 3

Absolute Open Flow 5023 Mcfd @ 15.025		Angle of Slope 0	Slope, n 0.75
Remarks:			

Approved By Commission:	Conducted By:	Calculated By: Jack D. Cook	Checked By:
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