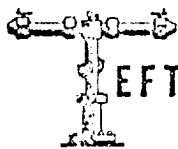


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

NEW MEXICO OIL CONSERVATION MULTIPOINT AND ONE POINT BACK PRESSURE TEST

Type Test ☒ Initial ☐ Annual		Test Date 3-1-68																																					
Company Tenneco Oil Co.		Connection																																					
Pool Undesignated Fruitland		Formation XXXXXXX XXXXX Fruitland																																					
Completion Date 3/1/68		Elevation 6160 Gr.																																					
Total Depth 3010		Well No. 101																																					
Csg. Size 3.5		Unit 0																																					
Thq. Size		Sec. 29																																					
Type Well - Single - Bradenhead - G.G. or G.O. Multiple		Twp. 30																																					
Set At 2580 To		Rge. 8																																					
Set At		County San Juan																																					
Packer Set At		State New Mexico																																					
Baro. Press. - P _a		Meter Run																																					
Prover		Taps																																					
Producing Thru Csg		CASING DATA																																					
L H Gg		Press. p.s.i.g.																																					
Reservoir Temp. °F 88 @ 2641		Temp. °F																																					
Mean Annual Temp. °F		Duration of Flow																																					
% CO ₂		3 hrs																																					
% N ₂																																							
% H ₂ S																																							
FLOW DATA		TUBING DATA																																					
NO.	Prover Line Size	Press. p.s.i.g.	Temp. °F																																				
1.	2 x 3/4	1008	60																																				
2.		160																																					
3.																																							
4.																																							
5.																																							
RATE OF FLOW CALCULATIONS																																							
NO.	Coefficient (24 Hour)	Pressure P _m	Flow Temp. Factor Ft.																																				
1	12.3650	172	1.000																																				
2.																																							
3.																																							
4.																																							
5.																																							
NO.	P _r	Temp. °R	T _r																																				
1																																							
2.																																							
3.																																							
4.																																							
5.																																							
Gas Liquid Hydrocarbon Ratio																																							
A.P.I. Gravity of Liquid Hydrocarbons																																							
Specific Gravity Separator Gas																																							
Specific Gravity Flowing Fluid																																							
Critical Pressure																																							
Critical Temperature																																							
$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.0341$																																							
$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2136$																																							
$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]$																																							
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>NO.</th> <th>P_c</th> <th>P_w</th> <th>P_c²</th> <th>P_w²</th> <th>P_c² - P_w²</th> </tr> <tr> <td>1</td> <td>1020</td> <td>186</td> <td>1040400</td> <td>34334</td> <td>1006066</td> </tr> <tr> <td>2.</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3.</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>4.</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>5.</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>				NO.	P _c	P _w	P _c ²	P _w ²	P _c ² - P _w ²	1	1020	186	1040400	34334	1006066	2.						3.						4.						5.					
NO.	P _c	P _w	P _c ²	P _w ²	P _c ² - P _w ²																																		
1	1020	186	1040400	34334	1006066																																		
2.																																							
3.																																							
4.																																							
5.																																							
Absolute Open Flow																																							
Remarks:																																							
Conducted By:																																							
Calculated By: Neil Tetteller																																							
Approved By Commission:																																							
Checked By:																																							



EFTELLER, INC.

reservoir engineering data

MIDLAND, TEXAS

Page 1 of 1
File 2-2647-AOF

Company TENNECO OIL COMPANY Lease FLORANCE Well No. 101
Field PICTURED CLIFFS County SAN JUAN State NEW MEXICO
Formation PICTURED CLIFFS Test Date MARCH 1, 1968

