

Company TENNECO OIL COMPANY Lease GIOMI Well No. B-1
 Field FRUITLAND County SAN JUAN State NEW MEXICO
 Formation FRUITLAND Test Date FEBRUARY 14, 1971

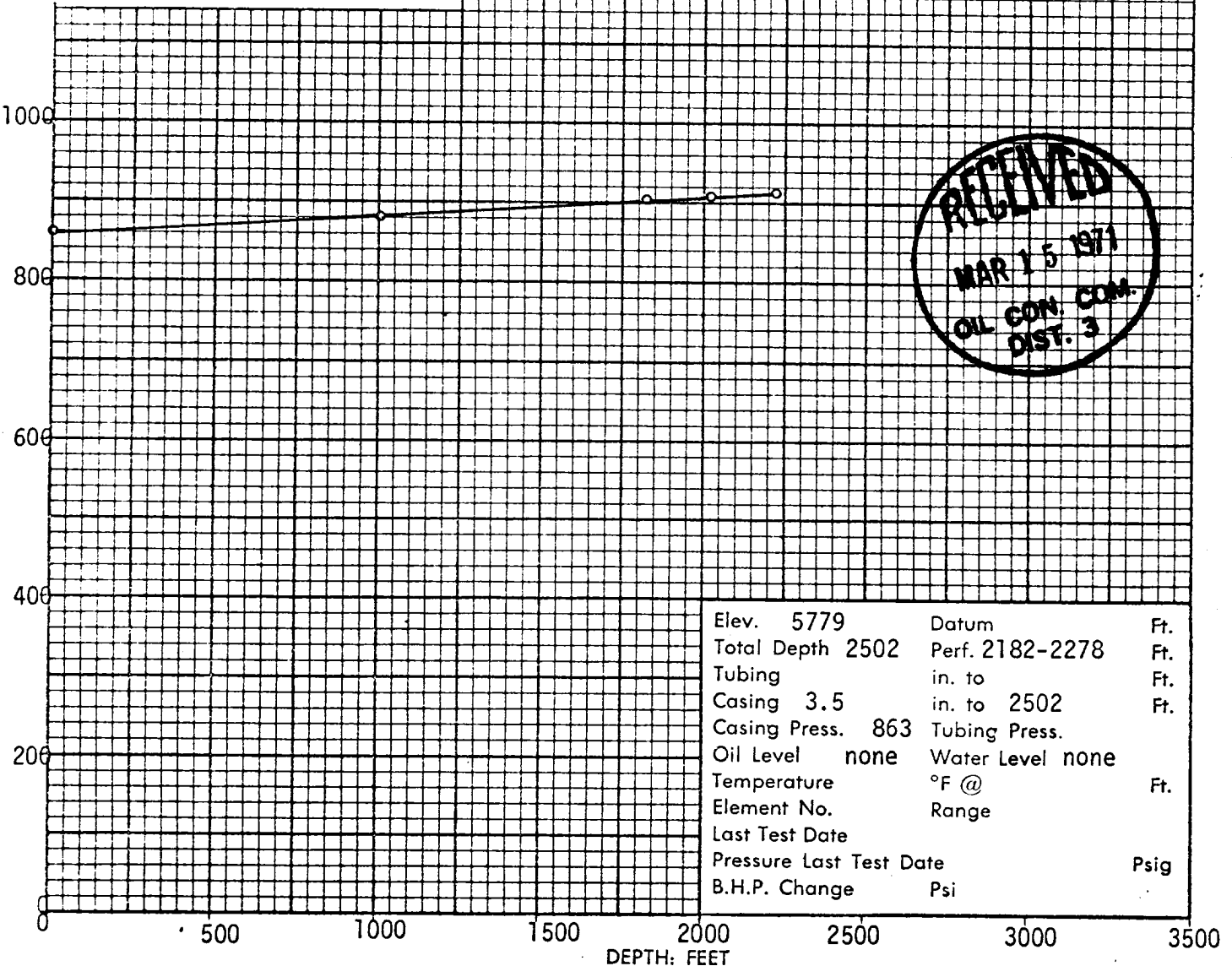
Status of Well Shut in 9 days

DEPTH Feet	PRESSURE Psig	GRADIENT Psi/Ft.
0	863	
1000	884	0.021
1830	906	0.027
2030	911	0.025
2230*	916	0.025

*Mid-Perforation

Datum Pressure Psig

PRESSURE POUNDS PER SQUARE INCH GAUGE

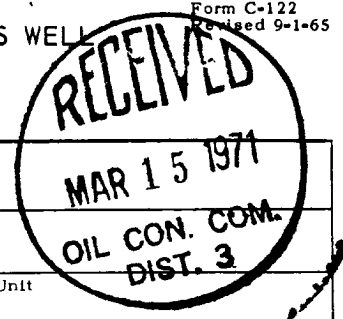


Elev. 5779	Datum	Ft.
Total Depth 2502	Perf. 2182-2278	Ft.
Tubing	in. to	Ft.
Casing 3.5	in. to 2502	Ft.
Casing Press. 863	Tubing Press.	
Oil Level none	Water Level none	
Temperature	°F @	Ft.
Element No.	Range	
Last Test Date		
Pressure Last Test Date		Psig
B.H.P. Change	Psi	



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

Form C-122
Revised 9-1-65



Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 2-14-71	
Company Tenneco Oil Company			Connection		
Pool			Formation Fruitland		Unit
Completion Date		Total Depth 2502	Plug Back TD	Elevation 5779	Farm or Lease Name Giomi
Csg. Size 3.5	Wt. d	Set At 2520	Perforations: From 2182 To 2278		Well No. B-1
Tbg. Size	Wt. d	Set At	Perforations: From To		Unit Sec. Twp. Rge. D 33 30 9
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single			Packer Set At 2400		County San Juan
Producing Thru		Reservoir Temp. °F a	Mean Annual Temp. °F	Baro. Press. - P _a 12.0	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	
SI									863		
1.	2 x 3/4								147	60	3 hr.
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 Fg	Super Compress. Factor Fpv	Rate of Flow Q, Mcfd
1	12.3650		159	1.000	.9608	1.015	1917
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _t	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1					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

P _c 875	P _c ² 765625		
NO.	P _t ²	P _w	P _w ²
1	25281	169	28642
2			
3			
4			
5			

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.0389$$

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0330$$

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1980$$

Absolute Open Flow 1980 Mcfd @ 15.025		Angle of Slope θ _____	Slope, n .85
Remarks: _____			
Approved By Commission:	Conducted By:	Calculated By: Neil Tefteller	Checked By: