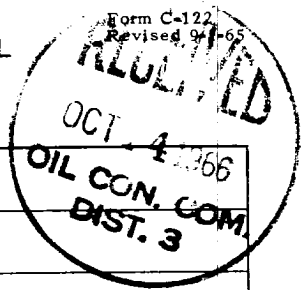


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL



Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 9-28-66	
Company Tenneco Oil Co.				Connection		
Pool Blanco Pictured Cliffs				Formation Pictured Cliffs		Unit
Completion Date		Total Depth 3340		Plug Back TD 3320		Elevation 6515
Farm or Lease Name Florance						Well No. 99
Csg. Size 3.5	Wt.	d	Set At 3340	Perforations: From 3257 To 3270		Unit 0
Thg. Size	Wt.	d	Set At	Perforations: From To		Sec. 6 Twp. 30 Rge. 9
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At	
Producing Thru CSG				Baro. Press. - P _g 12.0		State New Mexico
L 3257	H	Gg .650	% 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. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI									914		
1.	2	x	3/4						164	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		176	1.000	.9608	1.016	2127
2.							
3.							
4.							
5.							

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

P _c 926	P _c ² 857476	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \mathbf{1.0451}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \mathbf{1.0361}$
NO.	P _t ²	P _w	P _w ²
1		192	37014
2			
3			
4			
5			

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \mathbf{2208}$$

$$\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \mathbf{1.0361}$$

Absolute Open Flow 2208 Mcfd @ 15.025	Angle of Slope θ _____	Slope, n .85
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Remarks: _____

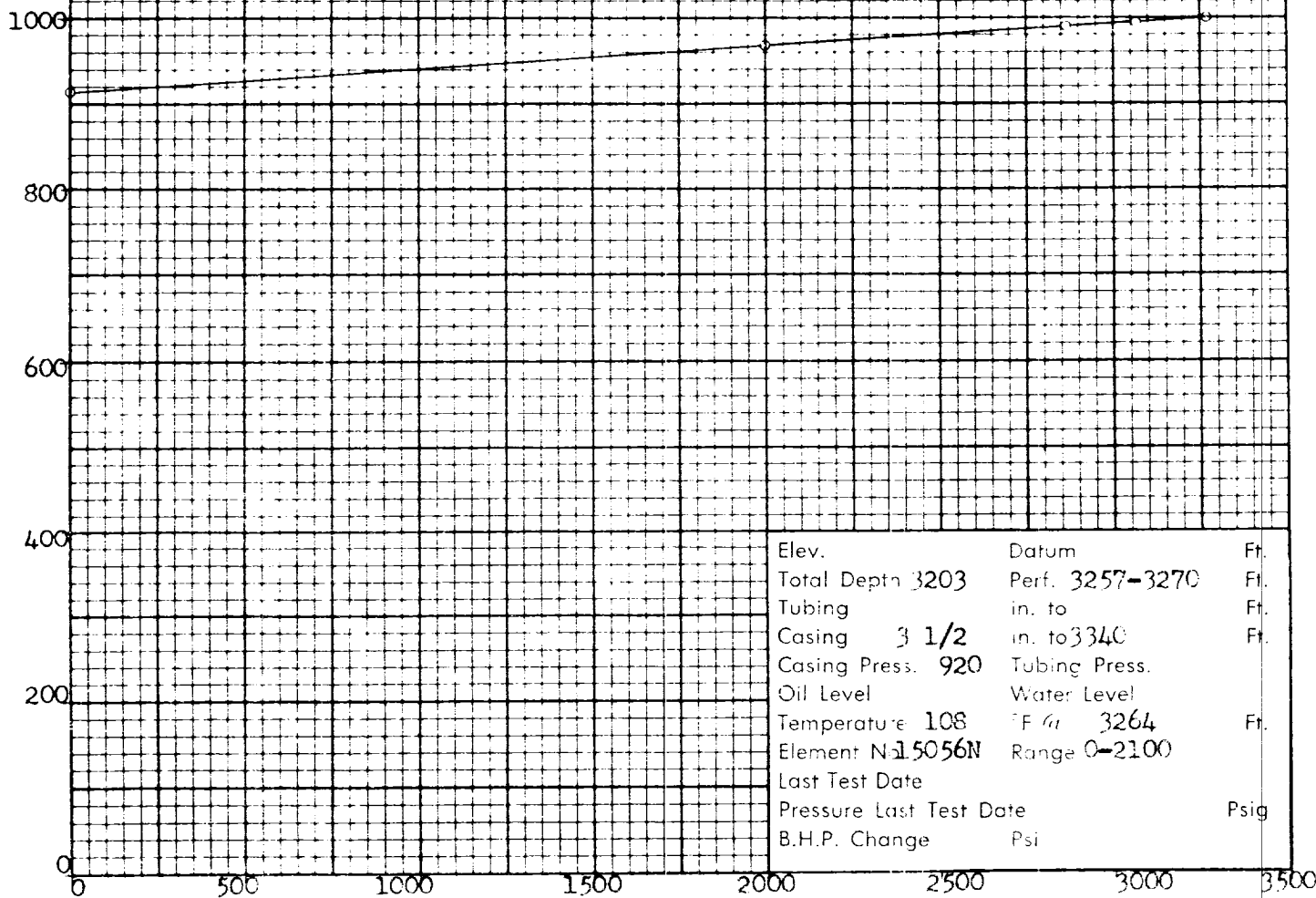
Approved By Commission:	Conducted By:	Calculated By: Neil Tefteller	Checked By: <i>J. E. Massey</i> J. E. Massey
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Company TENNECO OIL COMPANY Lease FLORANCE Well No. 99
 Field BLANCO PICTURED CLIFFS County SAN JUAN State NEW MEXICO
 Formation PICTURED CLIFFS Test Date SEPTEMBER 28, 1966

Status of Well Shut in 9 days

DEPTH Feet	PRESSURE Psig	GRADIENT Psi/Ft.
0	914	
2000	966	0.026
2864	990	0.028
3064	995	0.025
3264	1000	0.025

Datum Pressure _____ Psig



Elev.	Datum	Ft.
Total Depth 3203	Perf. 3257-3270	Ft.
Tubing	in. to	Ft.
Casing 3 1/2	in. to 3340	Ft.
Casing Press. 920	Tubing Press.	
Oil Level	Water Level	
Temperature 108	TF at 3264	Ft.
Element N-15056N	Range 0-2100	
Last Test Date		
Pressure Last Test Date		Psig
B.H.P. Change	Psi	

PRESSURE POUNDS PER SQUARE INCH GAUGE