NEW MEXICO OIL CONSERVATION COMMSSION

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test: [X] Initial [ ] Annual [ ] Special				Test Date: 2-28-67	
Company: Tenneco Oil Co.		Connection			
Pool: Basin Dakota		Formation: Dakota		Unit	
Completion Date	Total Depth: 8045	Plug Back TD: 8002	Elevation: 6939	Farm or Lease Name: Jicarilla	
Csg. Size: 4.5 / Wt. / d / Set At: 8044		Perforations: From 7733 To 7925		Well No.: C-6	
Tbg. Size: 2.375 / Wt. / d / Set At: 6770		Perforations: From To		Unit: F / Sec.: 14 / Twp.: 26 / Rge.: 5	
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Dual Gas		Packer Set At: 6770		County: Rio Arriba	
Producing Thru: TBG.	Reservoir Temp. °F: @	Mean Annual Temp. °F	Baro. Press. – P_a: 12.0	State: New Mexico	

L	H	Gg	% CO_2	% N_2	% H_2S	Prover	Meter Run	Taps

	FLOW DATA					TUBING DATA		CASING DATA		
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	Duration of Flow
SI						2425		FTR.		
1.	2	x 3/4				475	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 Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	12.3650		487	1.000	.9608	1.051	6084
2.							
3.							
4.							
5.							

NO.	P_r	Temp. °R	T_r	Z
1.				
2.				
3.				
4.				
5.				

Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
Specific Gravity Separator Gas _____ XXXXXXXXX
Specific Gravity Flowing Fluid _____
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

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DIST. 3

P_c 2437 P_c^2 5938969

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1	237169	1065	1133716	4805253
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.2359$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.1721$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 7131$

Absolute Open Flow 7131 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .75

Remarks: _____

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
		Neil Teftteller	J. E. Massey

TENNECO OIL COMPANY

TEFTELLER, INC.
reservoir engineering data
MIDLAND, TEXAS

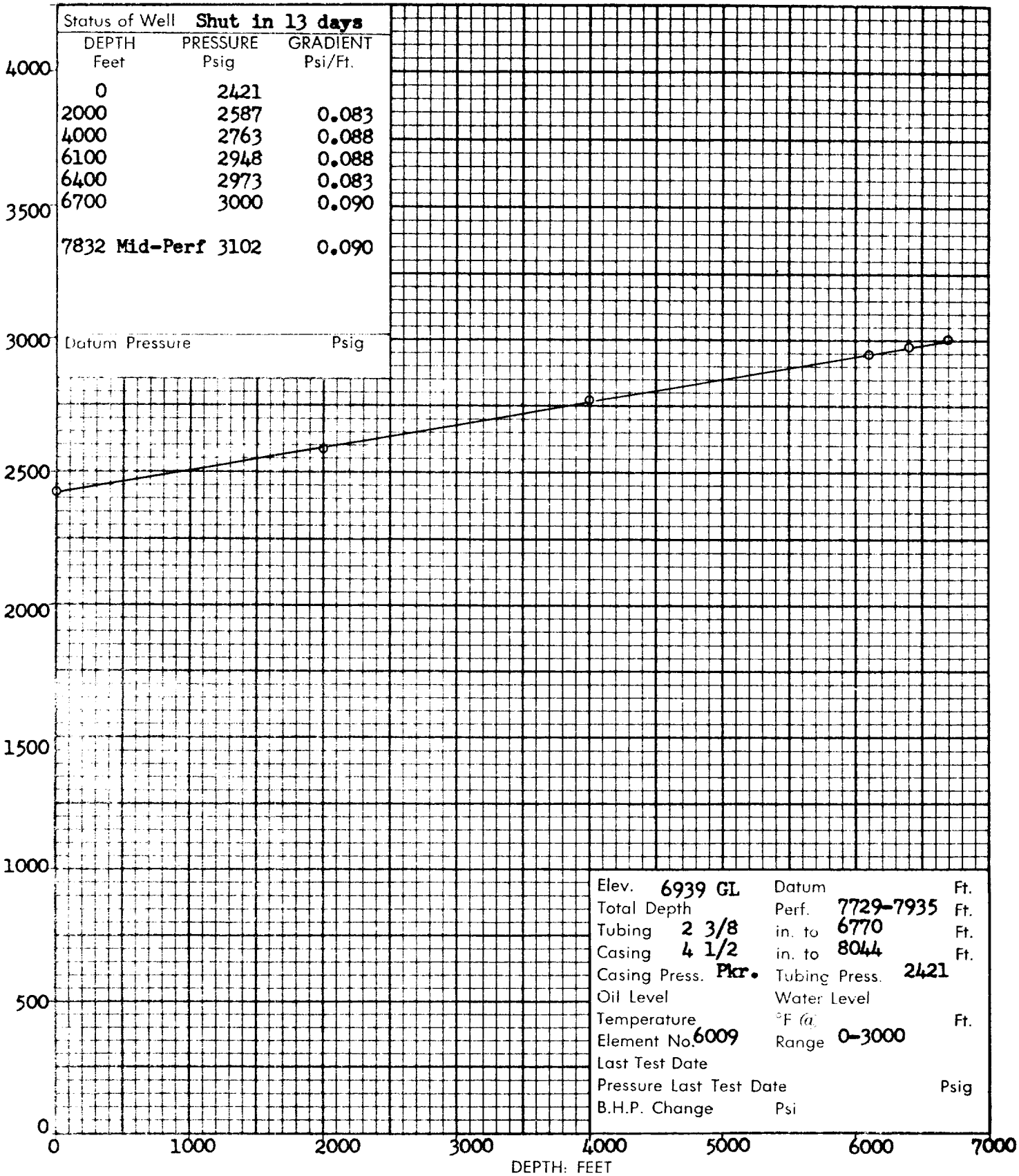
Page 1 of 1
File 2-2155-AOF

Company TENNECO OIL COMPANY Lease JICARILLA Well No. C-6
Field BASIN DAKOTA County RIO ARRIBA State NEW MEXICO
Formation DAKOTA Test Date FEBRUARY 28, 1967

Status of Well **Shut in 13 days**

DEPTH Feet	PRESSURE Psig	GRADIENT Psi/Ft.
0	2421	
2000	2587	0.083
4000	2763	0.088
6100	2948	0.088
6400	2973	0.083
6700	3000	0.090
7832 Mid-Perf	3102	0.090

Datum Pressure Psig



Elev.	6939 GL	Datum	Ft.
Total Depth		Perf.	7729-7935 Ft.
Tubing	2 3/8	in. to	6770 Ft.
Casing	4 1/2	in. to	8044 Ft.
Casing Press.	Pkr.	Tubing Press.	2421
Oil Level		Water Level	
Temperature		°F @	Ft.
Element No.	6009	Range	0-3000
Last Test Date			
Pressure Last Test Date			Psig
B.H.P. Change		Psi	