NEW MEXICO OIL CONSERVATION COMMISSION

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised [illegible]

Type Test: [x] Initial [ ] Annual [ ] Special			Test Date: 6-5-67	
Company: [illegible] Oil Co.	Connection:			
Pool: [illegible] Dakota	Formation: Dakota			Unit:
Completion Date:	Total Depth: 7464	Plug Back TD: 7[illegible]5	Elevation: 6728	Farm or Lease Name: D[illegible] "A"
Csg. Size: [illegible] / Wt.: / d: / Set At: [illegible]	Perforations: From [illegible] To 7[illegible]33			Well No.: 1
Tbg. Size: [illegible] / Wt.: / d: / Set At: [illegible]	Perforations: From To			Unit: [illegible] Sec.: [illegible] Twp.: [illegible] Rge.: [illegible]
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: [illegible]	Packer Set At: [illegible]			County: San Juan
Producing Thru: [illegible]	Reservoir Temp. °F: -	Mean Annual Temp. °F:	Baro. Press. – P_a: [illegible]	State: New Mexico

L	H	G_g	% 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	Tubing Press. p.s.i.g.	Tubing Temp. °F	Casing Press. p.s.i.g.	Casing Temp. °F	Duration of Flow
SI							[illegible]		Pkr.		
1.	[illegible] 3/4						[illegible]	60	Pkr.		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	[illegible]		[illegible]	[illegible]	[illegible]	1.019	[illegible]
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 ________ X X X X X X X X X X
Specific Gravity Flowing Fluid X X X X X ________
Critical Pressure ________ P.S.I.A. ________ P.S.I.A.
Critical Temperature ________ R ________ R

RECEIVED
JUN 21 1967
OIL CON. COM.
DIST. 3

P_c [illegible] P_c^2 [illegible]

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1	355.4		168023	[illegible]
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2}$ = 1.0[illegible]33

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n$ = 1.0322

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

Absolute Open Flow 234[illegible] Mcfd @ 15.025 Angle of Slope Θ ________ Slope, n .75

Remarks:

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
		[illegible]	

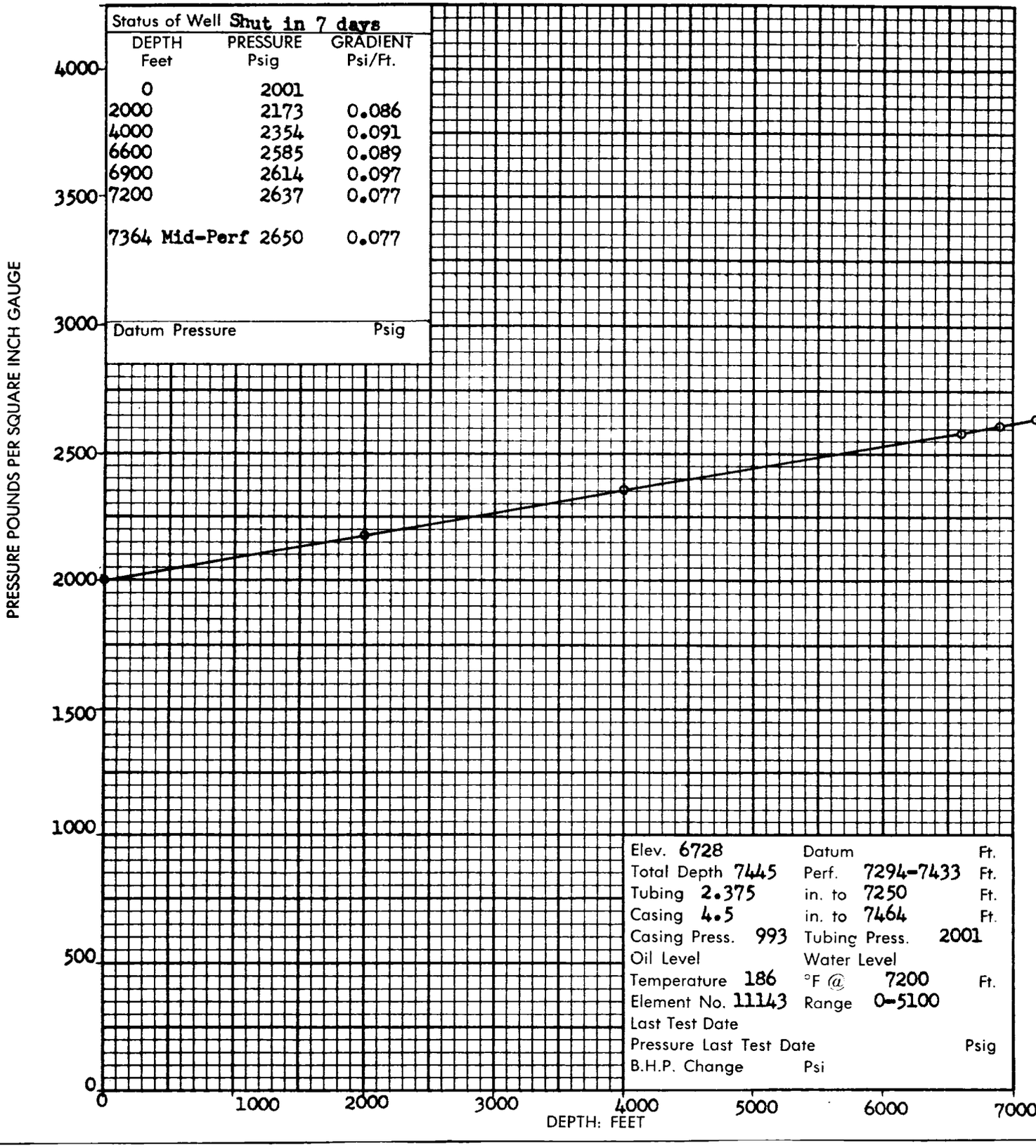
TEFTELLER, INC.
reservoir engineering data
MIDLAND, TEXAS

Company TENNECO OIL COMPANY Lease DAWSON "A" Well No. 1
Field BASIN DAKOTA County SAN JUAN State NEW MEXICO
Formation DAKOTA Test Date JUNE 5, 1967

Status of Well Shut in 7 days

DEPTH Feet	PRESSURE Psig	GRADIENT Psi/Ft.
0	2001	
2000	2173	0.086
4000	2354	0.091
6600	2585	0.089
6900	2614	0.097
7200	2637	0.077
7364 Mid-Perf	2650	0.077

Datum Pressure Psig



Elev. 6728		Datum	Ft.
Total Depth 7445		Perf. 7294-7433	Ft.
Tubing 2.375		in. to 7250	Ft.
Casing 4.5		in. to 7464	Ft.
Casing Press. 993		Tubing Press. 2001	
Oil Level		Water Level	
Temperature 186		°F @ 7200	Ft.
Element No. 11143		Range 0-5100	
Last Test Date			
Pressure Last Test Date			Psig
B.H.P. Change	Psi		