

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

Form C-122
Revised 9-1-65

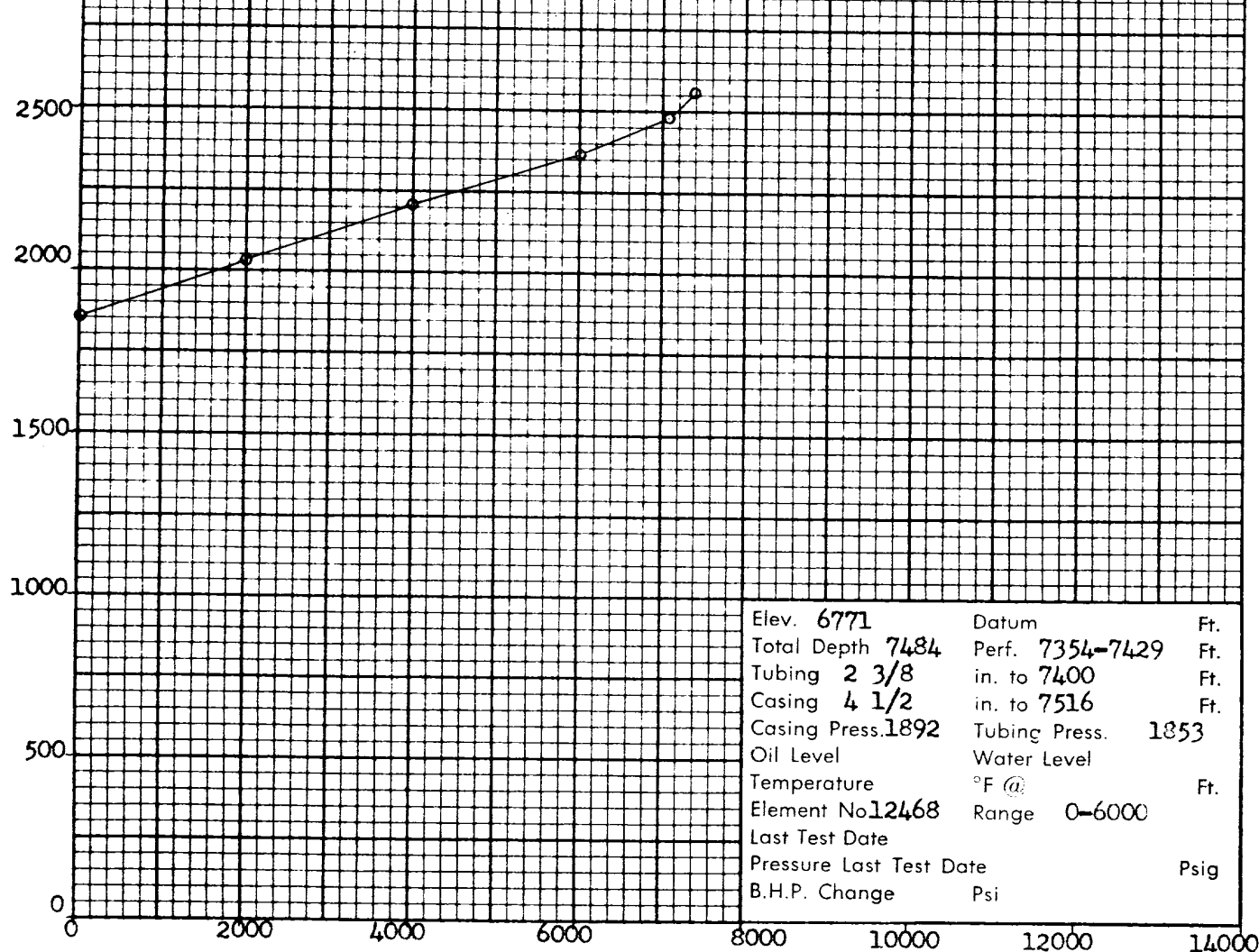
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Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special					Test Date 12-22-66					
Company Tenneco Oil Company					Connection					
Pool Easin Dakota					Formation Dakota					
Completion Date			Total Depth		Plug Back TD 7484		Elevation 6771		Farm or Lease Name Florance	
Csq. Size 4.5	Wt.	d	Set At 7516	Perforations: From 7354 To 7429			Well No. 64			
Thq. Size 2.375	Wt.	d	Set At 7400	Perforations: From To			Unit 0	Sec. 17	Twp. 27	Rge. 8
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At			County San Juan		
Producing Thru TBC.		Reservoir Temp. *F @		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.	Temp. *F	Press. p.s.i.g.	Temp. *F	Press. p.s.i.g.	Temp. *F	Duration of Flow
1	2	x	3/4			1853	60	1892		3 hrs.
2						302		793		
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 F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd			
1	12.3650		314	1.000	.9608	1.031	3846			
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 _____ 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 1904 P_c^2 3625216										
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$ 1.2177		(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ 1.1591			
1		805	648025	2977191						
2										
3										
4										
5										
Absolute Open Flow 4458 Mcfd @ 15.025					Angle of Slope θ _____			Slope, n .75		
Remarks: _____										
Approved By Commission:			Conducted By:			Calculated By: Neil Tefteller			Checked By: <i>J. E. Massey</i> J. E. Massey	

Company TENNECO OIL COMPANY Lease FLORANCE Well No. 64
 Field BASIN DAKOTA County SAN JUAN State NEW MEXICO
 Formation DAKOTA Test Date DECEMBER 22, 1966

Status of Well Shut in 7 days		
DEPTH Feet	PRESSURE Psig	GRADIENT Psi/Ft.
0	1853	
2000	2031	0.089
4000	2204	0.087
6000	2366	0.081
7091	2485	0.109
7391 Mid-Perf	2552	0.223

PRESSURE POUNDS PER SQUARE INCH GAUGE



Datum Pressure _____ Psig

Elev. 6771	Datum	Ft.
Total Depth 7484	Perf. 7354-7429	Ft.
Tubing 2 3/8	in. to 7400	Ft.
Casing 4 1/2	in. to 7516	Ft.
Casing Press. 1892	Tubing Press. 1853	
Oil Level	Water Level	
Temperature	°F @	Ft.
Element No. 12468	Range 0-6000	
Last Test Date		
Pressure Last Test Date		Psig
B.H.P. Change	Psi	

DEPTH: FEET