

NEW MEXICO OIL CONSERVATION COMMISSION
MULTI-POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122

Revised 12-1-55

Pool Undesignated P.C.		Formation Pictured Cliffs		County San Juan	
Initial I		Annual		Date of Test 6-10-66	
Company Tenneco Oil Co.		Lease Helen Jackson		Well No. 6	
Unit 0	Sec. 34	Twp. 29	Range 9	Purchaser	
Casing 3 1/2	Wt. 7.7	I.D. 3.068	Set at 2323	Perf. 2180	To 2246
Tubing	Wt.	I.D.	Set at	Perf.	To
Gas Pay:	From	To	L	G .650	GL 1417 Bar. Press. 12.0
Producing Through:		Casing I	Tubing	Type Well — Single — Braden head — G.G. or G.O. Dual Gas	
Date of Completion		Packer		Reservoir Temp. 98	

OBSERVED DATA

Tested Through: Prover ☐ Choke ☒ Meter ☐						Type of Taps				
FLOW DATA						TUBING DATA		CASING DATA		DURATION OF FLOW HR.
No.	(Prover) (Line) Size	(Choke) (Orifice) Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	Temp. °F.	
1.		3/4						725		3 Hr.
2.								48	60	
3.										
4.										
5.										

FLOW CALCULATIONS

No.	Coefficient (24 Hour)	$\sqrt{h_w P_f}$	Pressure psia	Flow Temp. Factor F_t	Gravity Factor F_g	Compress. Factor F_{pv}	Rate of Flow Q-MCF PD @ 15.025 psia
1.	12.3650		60	1.000	.9608		713
2.							
3.							
4.							
5.							

PRESSURE CALCULATIONS

Gas: Liquid Hydrocarbon Ratio _____ cf/bbl. Specific Gravity Separator Gas _____
 Gravity of Liquid Hydrocarbons _____ deg. Specific Gravity Flowing Fluid _____
 F_c **3.055** (1-e^{-S}) **0.098** P_c **737** P_c^2 **543169**

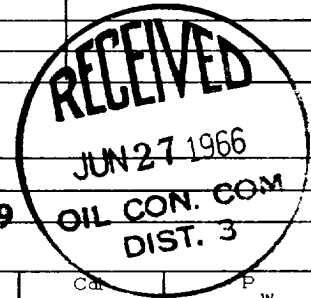
No.	P_w psia	P_t^2	$F_c Q$	$(F_c Q)^2$	$(F_c Q)^2 (1-e^{-S})$	P_w^2	$P_c^2 - P_w^2$	Cal P_w	$\frac{P_w}{P_c}$
1.	60	3600	2178	4744	465	4065	539104		
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: **717** MCFPD; n **.85** **1.0063**

COMPANY **Tenneco Oil Company** WITNESSED _____

ADDRESS **P. O. Box 1714, Durango, Colorado** COMPANY _____

AGENT AND TITLE *J. E. Massey* **J. E. Massey**
District Production Engineer



Company **TENNECO OIL COMPANY**
Field **UNDESIGNATED PICTURED CLIFFS**
Formation **PICTURED CLIFFS**

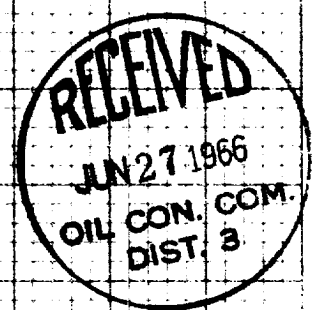
H. JACKSON
SAN JUAN
Date **JUNE 10, 1966**

Well No. **6**
State **NEW MEXICO**

Status of Well **Shut in 10 days**

DEPTH Feet	PRESSURE Psig	GRADIENT Psi / Ft
0	725	
1000	745	0.020
1815	762	0.021
2015	766	0.020
2215	770	0.020

Datum Pressure **Psig**



Elev.	Datum	Ft
Total Depth	2180-2246	Ft
Tubing	in to	Ft
Casing 3 1/2	to 2323	Ft
Casing Press 725	Tubing Press	
Oil Level	Water Level	
Temperature 98	2215	Ft
Element No 15065	Range 0-2100	
Last Test Date		
Pressure Last Test Date		Psig
B.H.P. Change	Psi	

0 500 1000 1500 2000 2500 3000 3500
FEET

PRESSURE POUNDS PER SQUARE INCH GAUGE