

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

Form C-122
Revised 12-1-55

Pool Basin Dakota		Formation Dakota		County San Juan	
Initial I	Annual	Special	Date of Test 3-28-1966		
Company Tenneco Oil Co.		Lease Order "A"		Well No. 5	
Unit G	Sec. 25	Twp. 28N	Range 10W	Purchaser	
Casing 4 1/2	Wt. 9.5	I.D.	Set at 6585	Perf. 6348	To 6522
Tubing 2 3/8	Wt. 4.7	I.D.	Set at 6280	Perf.	To
Gas Pay:	From	To	L	G	GL
			.650		4082
					12.0
Producing Through:		Casing I	Tubing I	Type Well - Single - Braden head - G.G. or G.O. Dual Dual Gas	
Date of Completion		Packer		Reservoir Temp.	

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.						1780		Perf.		3 Hr.
2.		3/4				702	60	"		
3.										
4.										
5.										

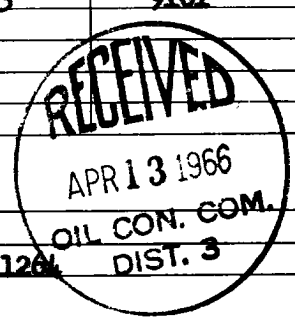
FLOW CALCULATIONS

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 P D @ 15.025 psia
1.	12.3650		714	1.000	.9608	1.073	9101
2.							
3.							
4.							
5.							

PRESSURE CALCULATIONS

Gas Liquid Hydrocarbon Ratio _____ cf/bbl.
 Gravity of Liquid Hydrocarbons _____ deg.
 P_c **9.402** (1-e^{-S}) **0.257** Specific Gravity Separator Gas _____
 Specific Gravity Flowing Fluid _____
 P_c **1792** P_c^2 **3211264**

No.	P_w P_t 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.	714	509796	85.568	7321.883	1881.724	2391520	819.744	1546	
2.									
3.									
4.									
5.									



ABSOLUTE POTENTIAL: 25341 MCFPD; n .75 27844

COMPANY Tenneco Oil Company WITNESSED _____

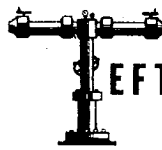
ADDRESS P. O. Box 1714 - Durango, Colorado COMPANY _____

AGENT AND TITLE J. E. Massey
District Production Engineer

RECEIVED

APR 11 1960

**INNECO OIL COMPANY
DURANGO, COLORADO**



EFTELLER, INC.

reservoir engineering data
MIDLAND, TEXAS

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File 2-1904-P

Company TENNECO OIL COMPANY Lease OMLER "A" Well No. 5
Field BASIN DAKOTA County SAN JUAN State NEW MEXICO
Formation DAKOTA Test Date MARCH 28, 1966

Status of Well Shut in 17 days

DEPTH Feet	PRESSURE Psig	GRADIENT Psi/Ft.
0	1780	
2000	1942	0.081
4000	2099	0.079
5600	2219	0.075
5900	2242	0.077
6200	2265	0.077
6435 Mid-Perf	2283	0.077

Datum Pressure _____ Psig

Elev. 5868 GL Datum _____ Ft.
Total Depth 6529 Perf. 6348-6522 Ft.
Tubing 2 3/8 in. to 6280 Ft.
Casing 4 1/2 in. to 6585 Ft.
Casing Press. Pkr. Tubing Press 1780
Oil Level None Water Level None
Temperature _____ °F (a) _____ Ft.
Element No. 14441 Range 0-4600
Last Test Date _____
Pressure Last Test Date _____ Psig
B.H.P. Change _____ Psi

PRESSURE POUNDS PER SQUARE INCH GAUGE

