

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

Form C-122
 Revised 5-1-65

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 8-7-67	
Company Tenneco Oil Co.			Connection		
Pool Basin Dakota			Formation Dakota		Unit
Completion Date		Total Depth 7282	Plug Back TD 7267	Elevation 6159	Farm or Lease Name Caze Com
Csg. Size 4.5	Wt. d	Set At 7280	Perforations: From 7047 To 7255		Well No.
Tbg. Size 2.375	Wt. d	Set At 7210	Perforations: From To		Unit Sec. Twp. Rge. M 20 30 40
Type Well - Single - Bradenhead - G.G. or G.O. Multiple				Packer Set At	County San Juan
Producing Thru Tbg		Reservoir Temp. °F @	Mean Annual Temp. °F	Baro. Press. - P _a 12.0	State New Mexico
L	H	G _g	% 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.	Diff. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI							2060		2064		
1.	2 x 3/4						365	60	1163		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 F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.3650		377	1.000	.9608	1.038	4649
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	RECEIVED AUG 22 1967 OIL CON. COM. DIST. 3	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			
				Specific Gravity Flowing Fluid _____ X X X X X			
				Critical Pressure _____ P.S.I.A. _____ P.S.I.A.			
Critical Temperature _____ R _____ R							

P _c 2076 P _c ² 4309776			
NO.	P _t ²	P _w	P _w ² P _c ² - P _w ²
1		1175	1380625 2929151
2			
3			
4			
5			

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.4713$$

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.3359$$

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 6211$$

Absolute Open Flow	6211	Mcfd @ 15.025	Angle of Slope @	Slope, n	75
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Remarks:			
Approved By Commission:	Conducted By:	Calculated By: Neil Tefteller	Checked By:

Company TENNECO OIL COMPANY Lease GAGE *Perm* Well No. 1
 Field BASIN DAKOTA County SAN JUAN State NEW MEXICO
 Formation DAKOTA Test Date AUGUST 7, 1967

