

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

Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 7-1-67		JUL OIL CO DIS.		
Company Tenneco Oil Co.				Connection						
Pool Basin Dakota				Formation Dakota						
Completion Date			Total Depth		Plug Back TD		Elevation		Farm or Lease Name Warren Com.	
Csg. Size 4.5	Wt.	d	Set At 6850		Perforations: From 6594 To 6749				Well No. 1	
Tbg. Size 2.375	Wt.	d	Set At 6758		Perforations: From To				Unit Sec. Twp. Rge. K 13 29 9	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single						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	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.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	
SI							1141		1276	
1.	2 x 3/4						160	60	820	
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	12.3650		172	1.000	.9608	1.017	2077
2.							
3.							
4.							
5.							

NO.	P _r	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 1288	P _c ² 1658944			(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \underline{\underline{1.7140}}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{\underline{1.4980}}$
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	
1		832	692224	966720	
2					
3					
4					
5					

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{\underline{3111}}$

Absolute Open Flow 3111 Mcfd @ 15.025		Angle of Slope θ _____	Slope, n .75
Remarks: Making a lot of water			

Approved By Commission:	Conducted By:	Calculated By: Neil Tefteller	Checked By: <i>[Signature]</i>
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Company **TEXNECO OIL COMPANY** Well No. 1
 Field **HASIN** State **NEW MEXICO**
 County **DARWIN** Date **JANUARY 31, 1967**

