

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 12-16-67	
Company Tenneco Oil Co.				Connection		
Pool Basin Dakota				Formation Dakota		Unit
Completion Date		Total Depth 7555		Plug Back TD 7515		Elevation 6428
Farm or Lease Name Hughes Co. A						Well No. 1
Test Size 4.5	Wt. d	Set At 7554	Perforations: From 7386 To 7499			Unit K
Thq. Size 2.375	Wt. d	Set At 7470	Perforations: From To			Sec. 27
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At.		County San Juan
Producing Thru Tbg		Reservoir Temp. °F 189 @ 7442		Mean Annual Temp. °F		State New Mexico
L	H	Gg	% CO ₂	% N ₂	% H ₂ S	Prover X
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.	
1.	2 x 3/4						1898		1909	
2.							202	60	721	
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		214	1.000	.9608	1.021	2597
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 1921	P _c ² 3690241	(1) $\frac{P_c^2}{P_c^2 - R_w^2} = 1.1704$	(2) $\left[\frac{P_c^2}{P_c^2 - R_w^2} \right]^n = 1.1252$
NO.	P _t ²	P _w	R _w ²
1		733	537289
2			
3			
4			
5			

Absolute Open Flow 2922 Mcfd @ 15.025		Angle of Slope θ	Slope, n .75
Remarks:			
Approved By Commission: _____ Conducted By: _____ Calculated By: Neil Tefteller _____ Checked By: <i>[Signature]</i>			

Company TENNECO OIL COMPANY Lease HUGHES Well No. 1
 Field BASIN DAKOTA County SAN JUAN State NEW MEXICO
 Formation DAKOTA Test Date DECEMBER 16, 1967

