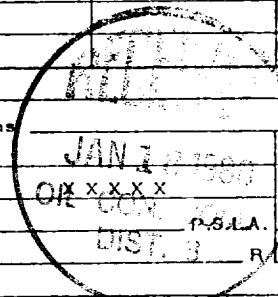


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
 Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 1-3-80	
Company Southland Royalty Company				Connection El Paso Natural Gas Company			
Pool South Blanco Extension Pictured Cliffs				Formation Pictured Cliffs		Unit	
Completion Date 12-27-79		Total Depth 3147'		Plug Back TD 3127'		Elevation 7424' GR	
Farm or Lease Name Don Evans		Well No. #1					
Casing Size 2.875	Wt. 6.5#	d 2.441	Set At 3137'	Perforations: From 2999' To 3019'			
Tubg. Size ---	Wt. ---	d ---	Set At ---	Perforations: From --- To ---		Unit Sec. Twp. Rge. B 30-23N-1W	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At 3009'		County Sandoval	
Producing Thru Casing		Reservoir Temp. °F @		Mean Annual Temp. °F		State New Mexico	
L	H	Gg .700	% CO ₂	% N ₂	% H ₂ S	Prover	Meter Run
FLOW DATA				TUBING DATA		CASING DATA	
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.
SI							870
1.	2" x 3/4"						15
2.							9
3.							7
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, Mhd
1	12.365		19.2	1.0000	.9258	1.000	220
2.							
3.							
4.							
5.							
NO.	P _t	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl. A.P.I. Gravity of Liquid Hydrocarbons _____ Deg. Specific Gravity Separator Gas _____ Specific Gravity Flowing Fluid _____ Critical Pressure _____ P.S.I.A. Critical Temperature _____ R		
1.							
2.							
3.							
4.							
5.							
P _c 882.2 P _c ² 778276.8					(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0005$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0004$		
NO.	P _t	P _w	P _w ²	P _c ² - P _w ²	AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 220$		
1		19.2	368.6	777908.2			
2							
3							
4							
5							
Absolute Open Flow 220				Mhd @ 15.025	Angle of Slope @		Slope, n .85
Remarks:							
Approved By Commission:		Conducted By: Dwayne Horton		Calculated By: James Smith		Checked By:	