

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-122
Revised 10-1-78

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 7-17-81			
Company Southland Royalty Company				Connection El Paso Natural Gas Company					
Pool Blanco				Formation Pictured Cliffs Ext.				Unit	
Completion Date 6-29-81		Total Depth 3380'		Plug Back TD 3345'		Elevation 6448' GR		Farm or Lease Name Maddox	
Csq. Size 2.875	Wt. 6.5#	d 2.441	Set At 3356'	Perforations: From 3168' To 3210'		Well No. 2			
Thq. Size -----	Wt. -----	d -----	Set At -----	Perforations: From To		Unit Sec. Twp. Rye. M 10 32N 11W			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single - G.G.						Packer Set At -----		County San Juan	
Producing Thru Casing		Reservoir Temp. °F P		Mean Annual Temp. °F		Baro. Press. - P _a 12.2		State New Mexico	
L	H	G _g .700	% 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.		Temp. °F
SI									429#		
1.	PITOT TUBE TESTED								8 oz		72 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							434
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _t	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons	Deg.
2.					Specific Gravity Separator Gas	XXXXXXX
3.					Specific Gravity Flowing Fluid	XXXXXXX
4.					Critical Pressure	P.S.I.A.
5.					Critical Temperature	R

NO.	P _t ²	P _w ²	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$
1						
2						
3						
4						
5						

Absolute Open Flow _____ Mcfd @ 15.025				Angle of Slope θ _____		Slope, n .85	
Remarks: _____							

Approved by Division	Conducted By: Bob Shindler	Calculated By: James Smith	Checked By: L. O. Van Ryan
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