

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

Form C-122
Revised 9-1-6

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 9/25/86	
Company Southland Royalty Company		Connection Northwest Pipeline Corporation	
Pool Albino		Formation Pictured Cliffs	
Completion Date 11/8/84	Total Depth 4050'	Plug Back TD 4034'	Elevation 7040' GR
Farm or Lease Name Reese Mesa		Well No. 8	
Est. Size 2.875	Wt. 6.5	d 2.441	Set At 4040
Perforations: From 3824 To 3966		Unit L	
Perforations: From To		Sec. 12	Twp. 32N
		Rge. 8W	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Tubingless Completion (Single)		Packer Set At None	
Producing Thru Csg.		County San Juan	
Reservoir Temp. °F s		State New Mexico	
Mean Annual Temp. °F 12			
L	H	Gg 0.700	% 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									436		7 days
1.	2" x 0.38			12		55			12		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 Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	3.03		24	1.0048	0.9258	1.005	68
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 <td>Deg.</td>	Deg.
2					Specific Gravity Separator Gas <td>XXXXXXX</td>	XXXXXXX
3					Specific Gravity Flowing Fluid <td>XXXXX</td>	XXXXX
4					Critical Pressure <td>P.S.I.A.</td>	P.S.I.A.
5					Critical Temperature <td>R</td>	R

F _c 448	P _c ² 200,704					
NO.	P _i ²	P _w	P _r ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{200,704}{200,703.6}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.00$
1		0.63	0.39	200,703.6		
2						
3						
4						
5						

Absolute Open Flow 68 MCF/D		Mcf/d @ 15.025	Angle of Slope @	Slope, n .85
Remarks:				
Approved By Commission:		Conducted By: G. Osborne	Calculated By: SHL	Checked By: