

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

Form C-122/
 Revised 9-4-65

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 4-10-80	
Company Southland Royalty Co.				Connection Southern Union Gathering		
Pool Basin				Formation Dakota		Unit
Completion Date 4-3-80		Total Depth 6558'		Plug Back TD 6524'		Elevation 5900'
Farm or Lease Name Newman "B"						Well No. #6E
Csg. Size 8.625 4.500	Wt. 24# 10.5#	d 8.625 4.052	Set At 218' 6558'	Perforations: From To		Unit Sec. Twp. Rge. C 19 28N, 10W
Trg. Size 2.375	Wt. 4.7#	d 1.995	Set At 6504'	Perforations: From 6404' To 6518'		
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At —	
Producing Thru Tubing		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a 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.	Temp. °F	
SI							852		958		
1.	2 3/8" X 1.995						10		194		72 Hours
2.							PITOT READING 6 OZ. - 372 MCF				
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1							
2							
3							
4							
5							

NO.	P _t	Temp. °R	T _f	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

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						

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

Pitot Reading 6 Oz. 372 MCF Mcfd @ 15.025 Angle of Slope @ _____ Slope _____

Absolute Open Flow _____

Remarks: _____

Approved By Commission:	Conducted By: Cliff Pistole	Calculated By: James Smith	Checked By:
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