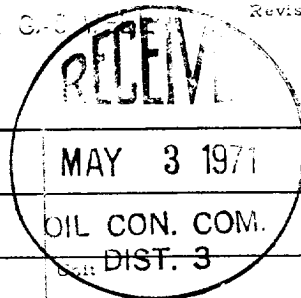


NEW MEXICO OIL CONSERVATION COMMISSION
MULTI-POINT AND ONE POINT BACK PRESSURE TEST FOR GAS

Form C-122
Revised 9-1-65



☒ Initial ☐ Annual ☐ Special		Test Date 4-20-71
Oil & Gas Company Blanco		Connection Southern Union Gathering
		Formation Mesaverde

Completion Date 4-12-71	Total Depth 5188'	Plug Back TD 5188'	Elevation 6211 DF	Farm or Lease Name Richardson
Case Size 4.5	Wt. 10.5#	Set At 5187'	Perforations: From 5026 To 5176	Well No. #1
Reg. Size 1.5	Wt. 2.9#	Set At 5038	Perforations: From ---- To ----	Corr. Sec. Twp. Rge. 10 31N 12W
Type of Well - Single - Branches - C.C. or C.O. Multiple C.C.			Perfor. Set At 5007'	County San Juan
Pressure Trans. tubing	Reservoir Temp. °F	Mean Annual Temp. °F	Baro. Press. - P _a	State New Mexico
H	G _g	% CO ₂	% N ₂	% H ₂ S
Prover		Meter Run		

FLOW DATA							TUBING DATA		CASING DATA		Duration of Flow
NO.	Point	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	
1	1"						667				
2	2"		3/4				155				3 Hrs
3											
4											
5											
6											

NO.	Coefficient (1/2 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, Mcf
1	12.365		167	1.0000	.9258	1.0000	1811
2							
3							
4							
5							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/sbl. 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					

$P_c^2 = 461,041$ NO. P _r P _w P _w ² P _c ² - P _w ² 1 497 247,009 214,032	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.1540$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.778$ AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 3398$
2	
3	
4	
5	

Rate of Flow 3398 Mcf @ 15.025 Angle of Slope @ Slope, n 75
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Approved By Commission:	Conducted By:	Calculated By:	Checked By:
		<i>[Signature]</i>	