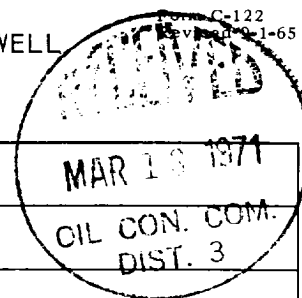


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELLG-122
Rev. 10-1-65

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 3/19/71			
Company Flag-Redfern Oil Company				Connection				
Pool Pinon Fruitland				Formation Fruitland				Unit
Completion Date		Total Depth		Plug Back TD		Elevation		Farm or Lease Name Gentle
Csg. Size 5 1/2"	Wt. d	Set At	Perforations: From 1271' To 1284'			Well No. 2		
Tbg. Size 1 1/4"	Wt. d	Set At 1.380	Perforations: From Open End To			Unit Sec. Twp. Rge. D 9 28N 11W		
Type Well - Single - Bradenhead - G.G. or G.O. Multiple					Packer Set At		County San Juan	
Producing Thru		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a		State New Mexico
L	H	Gg .65	% 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.	
SI							565		565	
1.										
2.										
3.	5/8" pos. choke		115			60 ⁰			320	
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.							
2.							
3.	8.5417		127	1.000	.9608	1.012	1055
4.							
5.							

NO.	P _t	Temp. °R	T _r	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

P _c 577	P _c ² 332,929		
NO.	P _t ²	P _w	P _w ²
1.			
2.			
3.	332	110,224	222,705
4.			
5.			

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.4949$$

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1435$$

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.4072$$

Absolute Open Flow	1435	Mcfd @ 15.025	Angle of Slope @	Slope, n .85
Remarks:				
Approved By Commission:	Conducted By:	Calculated By:	Checked By:	