

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

Form C-122
 Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 12-26-75	
Company Jack A. Cole			Connection Waiting on Pipeline			
Pool South Blanco			Formation Pictured Cliffs		Unit	
Completion Date 12-12-75		Total Depth 2980	Plug Back TD 2940	Elevation 6883 KB	Farm or Lease Name Burro Canyon	
Csg. Size 4,500	Wt. 10.50	d 4.052	Set At 2981	Perforations: From 2828 To 2866		Well No. 1
Tbg. Size 1.660	Wt. 2.40	d 1.380	Set At 2858	Perforations: From 2848 To 2858		Unit Sec. Twp. Rge. 0 16 24N 4W
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None		County Rio Arriba
Producing Thru Casing		Reservoir Temp. °F @	Mean Annual Temp. °F		Baro. Press. - P _a 12.0	
State New Mexico						
L 2828	H 2848	Gg 0.600	% 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							905		905		8 da.
1.							97		63	60	3 hr.
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	12.3650		75	1.0000	1.0000	1.0000	927
2.							
3.							
4.							
5.							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	A.P.I. Gravity of Liquid Hydrocarbon	Specific Gravity Separator Gas	Specific Gravity Flowing Fluid	Critical Pressure	Critical Temperature
1.										
2.										
3.										
4.										
5.										

P _c 917 P _c ² 840,889				(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0143$		(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0122$	
NO.	P _i ²	P _w	P _w ²	P _c ² - P _w ²			
1		109	11,881	829,008			
2							
3							
4							
5							

$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 938$

Absolute Open Flow 938 Mcfd @ 15.025		Angle of Slope θ 0.85	Slope, n
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Remarks:

Approved By Commission:	Conducted By: Ewell N. Walsh	Calculated By: Ewell N. Walsh	Checked By:
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