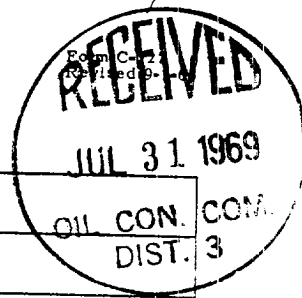


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL



Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 7-8-69	
Company Aztec Oil & Gas Company		Connection El Paso Natural Gas	
Pool Blanco		Formation Mesaverde	
Completion Date 7-1-69		Total Depth 8051	Plug Back TD 8051
		Elevation 6674 GR	Farm or Lease Name Trail Canyon
Csg. Size 4.5	Wt. 11.6	Set At 8250	Perforations From 5854 To 5737
Csg. Size 1.990	Wt. 2.9	Set At 5948	Perforations From To
Type Well - Single - Production - G.G. or G.O. Multiple Single		Factor Set At	Unit Sec. Twp. Res. M 21 32N 8W
Producing Thru		Reservoir Temp. °F	Mean Annual Temp. °F
		Baro. Press. - P _a	County San Juan
			State New Mexico
L	H	% CO ₂	% N ₂
		% H ₂ S	Prover
			Meter Run
			Taps

FLOW DATA						TUBING DATA		CASING DATA		Duration	
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. in. H ₂ O	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	of Flow
1.	2		3/4				1104		1000		
2.							135		699		
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, Mscf/d
1	12.365		144	1.000	.9258	1.017	1677
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 _____ 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 1116	P _c ² 1245-456		
NO.	P _w	P _w ²	P _c ² - P _w ²
1	20736	219598	1025858
2			
3			
4			
5			

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.2140$$

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.1565$$

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1939$$

Absolute Open Flow 1939	Mscf @ 15.025	Angle of Slope @	Slope, n
Remarks:			

Approved By Commission	Conducted By:	Calculated By:	Checked By:
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