

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 10-18-68			
Company Apache Oil and Gas				Operator Drilling, Logging, etc.			
Well 10-28-66				Unit Thompson			
Completion Date 9-28-66		Total Depth 7244		Perforation 705		Elevation 6184 Gr	
Well Size 7"		Set At 705		From 4058		Well No. 5	
Tag Size 2-3/8		Set At 6865		From 4058		Unit A	
Type Well - Single - Bradenhead - C.G. or G.C. Multiple CC Dual				Perforation 6865		County San Juan	
Producing Thru casing		Reservoir Temp. °F 6		Mud and F. Temp. °F 6865		State New Mexico	
L		H		Cg		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.	Flow Rate	Temp. °F	Press. p.s.i.g.	Temp. °F		
1.	2		3/4		55		1060		3 hr	
2.					37		35			
3.										
4.										
5.										

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (14 Sec)	$\sqrt{h_w P_m}$	Pressure	Flow Temp	Gravity Factor F_g	Super Compress. Factor F_{pv}	Rate of Flow G. Mole
1.	1.004			55	0.958	1.004	540
2.							
3.							
4.							
5.							

NO.	F_g	Temp. °F	T_g	Z	Gas-Liquid Hydrocarbon Ratio	Mcf/bbl.
1.					A.P.L. Gravity of Liquid Hydrocarbons	Deq.
2.					Specific Gravity of Gas	XXXXXX
3.					Specific Gravity of Gas	XXXXXX
4.					P.S.I.A.	P.S.I.A.
5.					P.S.I.A.	P.S.I.A.

$$\left(\frac{P_1^2}{P_2^2 - P_1^2} \right)^n = 1.004$$

$$T_m = 50$$

Angle of Slope θ	Slope, n
Remarks:	

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