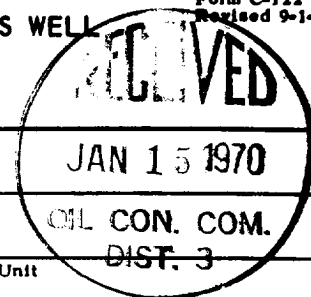


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
 Revised 9-1-65



Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 1-12-70		JAN 15 1970 OIL CON. COM. DIST. 3		
Company Aztec Oil & Gas Company				Connection El Paso Natural Gas					
Pool Basin				Formation Dakota					
Completion Date 1-5-70		Total Depth 8645		Plug Back TD 8634		Elevation 6970 Gr		Farm or Lease Name Uella Canyon	
Csg. Size 4 1/2"	Wt. 11.6	d	Set At 8640	Perforations: From 8538 To 8612		Well No. #1			
Tub. Size 1 1/2"	Wt. 2.75	d	Set At 8539	Perforations: From Opened To		Unit Sec. Twp. Rge. M 21 32N 5W			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At		County San Juan		
Producing Thru Tubing		Reservoir Temp. °F #		Mean Annual Temp. °F		Baro. Press. - P _a		State New Mexico	
L	H	G _g	% 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	2		3/4				1100		1100		
1.							3		229		
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	12.365		15	1.000	.9258	1.000	171
2.							
3.							
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 _____ XXXXXXXXXX
3.					Specific Gravity Flowing Fluid _____ XXXXX
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

$P_c = 1112$ $P_c^2 = 1236544$					$(1) \frac{P_c^2}{P_e^2 - P_w^2} = 1.0427$	$(2) \left[\frac{P_c^2}{P_e^2 - P_w^2} \right]^n = 1.0318$
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²		
1		225	50625	1185919		
2						
3						
4						
5						

$AOF = Q \left[\frac{P_c^2}{P_e^2 - P_w^2} \right]^n = 176$

Absolute Open Flow	176	Mcf/d @ 15.025	Angle of Slope @	Slope, n
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Remarks:

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
		<i>[Signature]</i>	