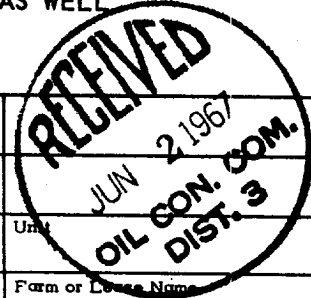


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
 Revised 9-1-65



Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 5/30/67	
Company Aztec Oil & Gas				Connection El Paso Natural Gas		
Pool Basin				Formation Dakota		
Completion Date 5/23/67		Total Depth 6490		Plug Back TD 6450		Elevation 5687 GR
Csg. Size Wt. d Set At Perforations: 4 1/2 10.5 6481 From 6241 To 6346						Well No. 1
Tbg. Size Wt. d Set At Perforations: 2-3/8 4.7 6352 From 6352 To open end						Unit Sec. Twp. Rge. H 11 29 12
Type Well - Single - Bradenhead - G.G. or G.O. Multiple single						Packer Set At
Producing Thru tubing						Farm or Lease Name Federal - PRI
L H Gg % CO ₂ % N ₂ % H ₂ S Prover Meter Run Taps						County San Juan
State New Mexico						

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	
1	2"		3/4"	7 day ST			1763		1825		
2							335	60 (est)	794	60 (est)	3 hr
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 Fg	Super Compress. Factor Fpv	Rate of Flow Q, Mcfd
1	12.365		347	1.000	.9258	1.044	4148
2							
3							
4							
5							

NO.	P _t	Temp. °R	T _t	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 1837	P _c ² 3,374,569			
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²
1		806	649,636	2,724,933
2				
3				
4				
5				

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.2384$$

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 4869$$

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.1738$$

Absolute Open Flow	4869	Mcf/d @ 15.025	Angle of Slope @	75
Remarks:				
Approved By Commission:	Conducted By:	Calculated By:	Checked By:	

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