

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

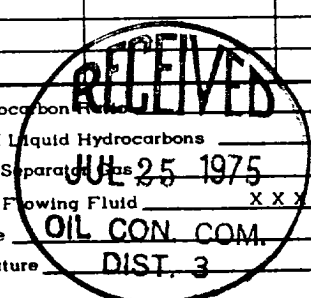
Form C-122
 Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 7-23-75			
Company Aztec Oil & Gas Company				Connection Southern Union Gathering					
Pool Blanco				Formation Mesaverde				Unit	
Completion Date 7-10-75		Total Depth 5319'		Plug Back TD 5300'		Elevation 6336 GR		Farm or Lease Name Dusenberry	
Csq. Size 4 1/2"	Wt. 10.50#	d d	Set At 5319'	Perforations: From 5190' To 5260'		Well No. #2-A			
Tbg. Size 1 1/2"	Wt. 1.70#	d d	Set At 5246'	Perforations: From ---- To ----		Unit Sec. Twp. Rge. G 1 31N 12W			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single						Packer Set At ----		County San Juan	
Producing Thru Tubing		Reservoir Temp. °F θ		Mean Annual Temp. °F		Baro. Press. - P _a		State New Mexico	
L	H	G _q	% 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"				716		716		
1.							117		431		3 Hrs.
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		117	1.0000	.9258	1.0000	1,339
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	XXXXXXX
3.					Specific Gravity Flowing Fluid	XXXXX
4.					Critical Pressure	P.S.I.A. _____
5.					Critical Temperature	R _____



P _c 716	P _c ² 512,656	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.5682$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.4677$
NO.	P _t ²	P _w	P _w ²
1		431	185,761
2			
3			
4			
5			

$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1,965$

Absolute Open Flow	1,965	Mcf/d @ 15.025	Angle of Slope θ	Slope, n
Remarks:				

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