

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 7-2-73	
Company Aztec Oil & Gas Company				Connection El Paso Natural Gas Company	
Pool Blanco				Formation Mesaverde	
Completion Date 6-24-73		Total Depth 8700'		Plug Back TD 8608'	
Elevation 7063 GR		Farm or Lease Name Reese Mesa			
Csg. Size 4 1/2"	Wt. 11.60#	Set At 6423-8700	Perforations: From 6254 To 6314		Well No. #2
Tbg. Size 1 1/2"	Wt. 2.90#	Set At 6290	Perforations: From ---- To ----		Unit Sec. Twp. Rge. L 12 32N 8W
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Multiple				Packer Set At ----	
Producing Thru Tubing				Baro. Press. - P _a -----	
Reservoir Temp. °F @		Mean Annual Temp. °F @		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.	
1.	2"		3/4"				1125		1125	
2.							174		775	
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		174	1.0000	.9258	1.0000	1992
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _f	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 _____ XXXXXX
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.9031$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.6203$
1.		775	600,625	665,000		
2.						
3.						
4.						
5.						

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 3228$

Absolute Open Flow	3228	Mcfd @ 15.025	Angle of Slope @
Remarks:			
Approved By Commission:			
Conducted By:		Checked By:	

RECEIVED
 JUL 9 1973
 OIL CON. COM.
 DIST. 3