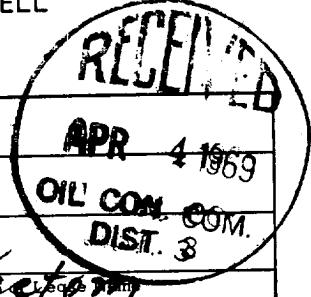


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65



Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special		Test Date 4-1-69									
Company H.K. Keese Keeton Development		Connection									
Pool Ballard		Formation Pictured Cliff									
Completion Date 2-21-69		Total Depth 3030	Plug Back TD 2985								
Elevation 7260 GR		Unit Apache									
Csg. Size 4 1/2	Wt. 9.5	d 4.090	Set At 3016								
Perforations: From 2937 To 2965		Well No. 1									
Tbg. Size 1.25	Wt. 2.40	d 1.380	Set At 2933								
Perforations: From Open end To		Unit A	Sec. Twp. Rge. 19 23N 3W								
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single Gas		Packer Set At None	County Sandoval								
Producing Thru Csg	Reservoir Temp. °F @	Mean Annual Temp. °F	Baro. Press. - P _a								
State New Mexico		Prover 3/4" TC Choke									
L	H	G _g .650 Est	% CO ₂ % N ₂ % H ₂ S								
FLOW DATA											
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	Duration of Flow
SI							690		690		8 days
1.	3/4" TC Choke			31			152		31		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	12.3560		43	1.0029	.9608	--	512				
2.											
3.											
4.											
5.											
NO.	P _f	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.					
1	17				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.					
5.					Critical Temperature	R					
P _c 702 P _c ² 492,804											
NO.	P _i ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$					
1		164	26,896	465,908	1.051	1.043					
2.											
3.											
4.											
5.											
Absolute Open Flow		534		Mcf @ 15.025		Angle of Slope @					
Remarks:						Slope, n .85					
Approved By Commission:		Conducted By: David L. Collis		Calculated By: David L. Collis		Checked By:					