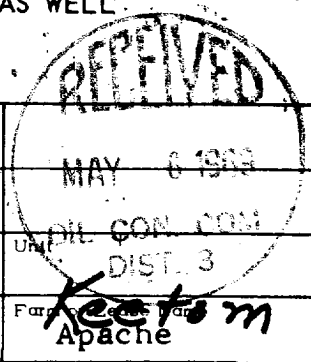


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65



Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input checked="" type="checkbox"/> Special					Test Date 4-23-69						
Company H.K. Keesee Keeton Development					Connection						
Pool Ballard					Formation Pictured Cliff						
Completion Date 2-21-69			Total Depth 3030		Plug Back TD 2985		Elevation 7260 GR		Farther than Keeton Apache		
Csq. 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. 19	Twp. 23N	Rge. 3W	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single Gas					Packer Set At None			County Sandoval			
Producing Thru Casing		Reservoir Temp. °F #		Mean Annual Temp. °F		Baro. Press. - P _a		State New Mexico			
L	H	G _g .650 Est.	% CO ₂	% N ₂	% H ₂ S	Prover 3/4" TC	Meter Run Choke	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	Duration of Flow
SI							690		690		10 days
1.	2"		3/4"	37		52°	37		243		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		49	1.0078	.9608		586				
2.											
3.											
4.											
5.											
NO.	P _f	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	
$P_c = 702$ $P_c^2 = 492,804$											
NO.	P_t^2	P_w^2	R_w^2	$P_c^2 - R_w^2$	(1) $\frac{P_c^2}{R_c^2 - R_w^2} = 1.152$ (2) $\left[\frac{P_c^2}{R_c^2 - R_w^2} \right]^n = 1.128$						
1		255	65025	427779	AOF = Q $\left[\frac{P_c^2}{R_c^2 - R_w^2} \right]^n = 661$						
2											
3											
4											
5											
Absolute Open Flow 661 Mcfd @ 15.025					Angle of Slope θ _____			Slope, n .85			
Remarks: _____											
Approved By Commission:			Conducted By: David L. Collis			Calculated By: David L. Collis			Checked By:		