

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

Form C-112
Revised 5-1-65

Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special					Test Date 11-9-77						
Company Getty Oil Company				Connection Not Connected							
Pool Blanco				Formation Mesaverde		Unit					
Completion Date 10-28-77		Total Depth 4485'		Plug Back TD 4440'	Elevation 5981'	Farm or Lease Name Nellie Platero					
Csg. Size 7.0 4.500	Wt. 20.0 11.6	d 6.456 4.000	Set At 2371 4470	Perforations: From 4290' To 4398'		Well No. 5 "A"					
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 4342'	Perforations: From OPEN To ENDED		Unit Sec. Twp. R.1e. 1- 11 27 9					
Type Well - Single - Brdenhead - G.C. or G.O. Multiple Single Gas					Packer Set At -----	County San Juan					
Producing Thru Tubing		Reservoir Temp. *F #	Mean Annual Temp. *F	Baro. Press. - P _a 12.0		State New Mexico					
L 4342	H 4342	G _g .720	% CO ₂	% N ₂	% H ₂ S	Prover 2,000					
Meter Run	Taps										
FLOW DATA				TUBING DATA		CASING 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
1.	2.000 x .750						555		555		168
2.	2.000 x .750						168	60	375		1
3.	2.000 x .750						130	60	328		1
4.							118	60	306		1
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.	11.00		180	1.000	1.179	1.024	2390				
2.	11.00		142	1.000	1.179	1.018	1875				
3.	11.00		130	1.000	1.179	1.017	1715				
4.											
5.											
NO.	R _f	Temp. *R	T _f	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/lbl.						
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 567	P _c ² 321489										
NO.	P _i ²	P _w	R _w ²	P _c ² - R _w ²	(1) $\frac{P_c^2}{P_c^2 - R_w^2} = 1.4589$		(2) $\left[\frac{P_c^2}{P_c^2 - R_w^2} \right]^n = 1.3270$				
1.											
2.											
3.	16900	318	101124	220365	AOF = Q $\left[\frac{P_c^2}{P_c^2 - R_w^2} \right]^n = 2276$		NOV 21 1977				
4.											
5.											
Absolute Open Flow 2276 Mcfd @ 15.025					Angle of Slope θ		Slope, n .75				
Remarks: TOP OF LINER HANGER 2281'											
Approved By Commission:			Conducted By: Paul Berhost			Calculated By: Paul Berhost		Checked By:			