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

Form C-122
Revised 1-55

RECEIVED

AUG 25 1969

OIL CON. COM.
DIST. 3

Type Test ☒ Initial ☐ Annual ☐ Special										Test Date 8-16-69	
Company Jarama R. M. Hughes					Connection						
Pool					Formation					Unit	
Completion Date 6-30-69			Total Depth 1031		Plug Back TD 975		Elevation 4112		Farm or Lease Name Jimmie A		
Csg. Size 5 1/2"	Wt. 17.5 lb/ft	d	Set At 1031	Perforations: From 975 To 975				Well No. 1			
Tub. Size 1 1/2"	Wt. 2.4 lb/ft	d 1.300	Set At 975	Perforations: From 975 To 975				Unit Sec. Twp. Rge. 1 18 3W			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple								Factor Set At 0.725		County	
Producing Thru 72		Reservoir Temp. *F @		Mean Annual Temp. *F		Earo. Press. - P _a		State			
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.	Temp. *F	
SI							1450				
1.											
2.	1/2" B.S. 100.0		1/2"	162		25					
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											
2	7.5417		171	1.0077	0.960	1.012	1451				
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 _____ 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	P _c ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.1772$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.1772$						
NO	P _t ²	P _w	P _w ²	P _c ² - P _w ²	AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1731$						
1											
2											
3											
4											
5											
Absolute Open Flow 1121 Mcfd @ 15.025					Angle of Slope θ			Slope, n .75			
Remarks:											
Approved By Commission:			Conducted By:			Calculated By:			Checked By:		