

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

Form C-122
Revised 9-1-65

CORRECTED

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 6-20-73			
Company Fair Play Oil & Gas Co.				Connection Waiting on connection					
Pool Undesignated				Formation Fruitland				Unit D	
Completion Date 6-13-73		Total Depth 2326'		Flow Line TD 2308'		Elevation 5968' Gr.		Name of Well Michael	
Test Size 3 1/2"	Wt. 7.70	d 3.068	Set At 2317	Perforations: From 2200 To 14		Well No. 1			
Test Size 1"	Wt. 1.70	d 1.049	Set At 2207	Perforations: From 2204 To 2207		Unit D		Sec. 13	Twp. 30N
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single						Packer Set At None		County San Juan	
Producing Thru Tubing		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a		State New Mexico	
L 2207	H 2207	G _g 0.65	% 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							732		732		7 days
1.	2"		3/4				98		652		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 F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12,365		98	1.000	.9258	1.000	1,122
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 _____ 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 744	P _c ² 553536	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 4.9142$	(2) $\frac{P_c^2}{P_c^2 - P_w^2} = 8701$
NO.	P _c ²	P _w	P _w ²
1		664	440896
2			
3			
4			
5			

Absolute Flow 4,342 Mcfd @ 15.025		Angle of Slope θ _____		Slope, n 0.85	
Remarks: _____					

Approved By Commission:	Conducted By: Wayne Sandel	Calculated By: Wayne Sandel	Checked By: Wayne Sandel
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