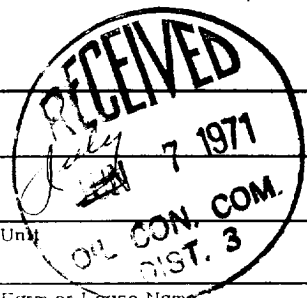


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
 Revised 9-1-65



Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 7-3-71	
Company New Mexico Oil Co.				Connection		
Pool New Mexico Oil Co.				Formation		Unit
Completion Date		Total Depth 2100		Plug Back TD 2000		Elevation 6140 ft
Csg. Size 1 1/2"	Wt. 10.5	d 1.315	Set At 2095	Perforations: From To		Well No. 1
Thg. Size 1 1/2"	Wt. 10.5	d 1.315	Set At 2095	Perforations: From To		Unit Sec. Twp. Rge. P R 23 14
Type Well - Single - Bradenhead - G.G. or G.O. Multiple				Packer Set At		County San Juan
Producing Thru		Reservoir Temp. °F @		Mean Annual Temp. °F		State New Mexico
L	H	Gg 267	% 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.	
SI							743		742	
1.										
2.	5/8"	20		98					235	340
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 Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1							
2	8.5417		110	.9924	.9463	1.012	893
3							
4							
5							

NO.	P _r	Temp. °R	T _r	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 455	P _c ² 207,025		
NO.	P _i ²	P _w	P _w ²
1			
2		247	61,009
3			
4			
5			

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.4178$$

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^{n^{.25}} = 1.3454$$

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1201$$

Absolute Open Flow	1201	Mcf @ 15.025	Angle of Slope °	Slope, n .85
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Remarks: Very Dry throughout test

Approved By Commission:	Conducted By: LJ	Calculated By: JJJ	Checked By:
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