

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

Form C-122
 Revised 9-1-65

RECEIVED
 FEB 24 1984
 OIL CON. DIV.
 DIST. 3

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 2-17-84	
Company VERYL F. MOORE (OPERATOR)				Connection NONE		
Pool TWIN MOUNDS P.C.				Formation FRUITLAND FRUITLAND PC TWIN MOUNDS P.C.		Unit NONE
Completion Date 2-10-84		Total Depth 949'		Plug Back TD 805'		Elevation 5314' K.B.
Log. Size 2.875	Wt. 6.4	d 2.441	Set At 947	Perforations: From 618 To 790		Well No. 1
Tag. Size NONE	Wt.	d	Set At	Perforations: From N/A To		Unit Sec. Twp. Rge. I 6 29 14
Type Well - Single - Bradenhead - G.G. or G.O. Multiple SINGLE				Factor Set At NONE		County SAN JUAN
Producing Thru CSG		Reservoir Temp. °F @		Mean Annual Temp. °F		State NEW MEXICO
L	H	Gg 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	2"	0.500					NONE		201 #		7 Day
1.	2"	0.500		45			"				1 Hr.
2.	2"	0.500		34			"				2 Hr.
3.	2"	0.500		27			"			66	3 Hr.
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	5.6530		39	0.9943	0.9608	1.004	211
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 _____ 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

1. 215 P _c ² 45369 NO P _f P _w P _w ² P _c ² - P _w ² 1 1521 40 1600 43769 2 3 4 5	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0366$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0310$ AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 218$
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Absolute Open Flow	218	Mcfd @ 15.025	Angle of Slope θ	Slope, n 0.85
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Remarks:			
Approved By Commission:	Conducted By: VERYL F. MOORE	Calculated By:	Checked By: