

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

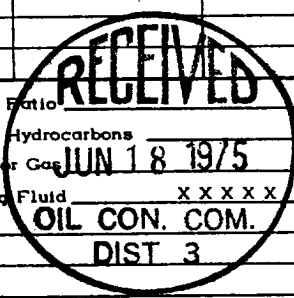
Form C-122
 Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 6-14-75	
Company Chace Oil Company				Connection None		
Pool Undesignated M.V.				Formation Mesa Verde		Unit
Completion Date 5-31-75		Total Depth 4050		Plug Back TD 3390 Bridge Plug		Elevation 7022 GR
Csg. Size 4.500		Wt. 10.5		Set At 4025		Perforations: From 1967 To 2041
Thq. Size 2.875		Wt. 6.5		Set At 2057		Perforations: From Open To Ended
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None		County Sandoval
Producing Thru Tubing		Reservoir Temp. °F -- @ --		Mean Annual Temp. °F --		Baro. Press. - P _a 12.0
L 2057		H 2057		G _g 0.60	% 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							220		480		7 da
1.	3/4"THC			35			35		200		3 hr
2.											
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	12.3650		47	1.0000	1.0000	1.0000	581
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _t	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons	Deg.
2.					Specific Gravity Separator Gas	XXXXXXX
3.					Specific Gravity Flowing Fluid	XXXXX
4.					Critical Pressure	P.S.I.A.
5.					Critical Temperature	R



P _c 492	P _c ² 242,064	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.2280$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.1665$
NO	P _t ²	P _w	P _w ²
1		212	44,944
2			
3			
4			
5			

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 713$	
Absolute Open Flow 713 Mcfd @ 15.025	Angle of Slope θ 0.75

Remarks:			
Approved By Commission:	Conducted By: Joe Massey	Calculated By: Ewell N. Walsh	Checked By: