

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 6-28-75				
Company Jerome P. McHugh				Connection					
Pool Undesignated				Formation Pictured Cliffs				Unit	
Completion Date 6-21-75		Total Depth 1300'		Plug Back TD 1258'		Elevation 6037' GR		Farm or Lease Name Chaco Plant	
Csg. Size 2-7/8"	Wt. 6.4#	d 2.441	Set At 1298'	Perforations: From 1136' To 1140'			Well No. 3		
Thq. Size None	Wt.	d	Set At	Perforations: From To			Unit Sec. Twp. Rge. B 20 26N 12W		
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single - Gas					Packer Set At None		County San Juan		
Producing Thru		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _g		State New Mexico	
L	H	Gg .63	% CO ₂	% N ₂	% H ₂ S	Prover	Meter Run	Taps	

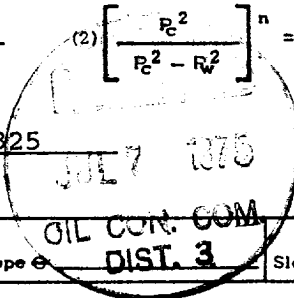
FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow	
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.		Temp. °F
SI									240		
1.											
2.											
3.	2		5/8	26		63					3 hrs
4.											
5.											

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.							
3.	8.5417		38	.9971	.9759	1.000	316
4.							
5.							

NO.	P _t	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 _____ XXXXXXXXXX
3.					Specific Gravity Flowing Fluid _____ XXXXX
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.02327$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.02743$
1		38	1444	62060		
2						
3						
4						
5						

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 325$



Absolute Open Flow 325 Mcfd @ 15.025		Angle of Slope @	Slope, n .85
Remarks: Heavy spray water			
Approved By Commission:	Conducted By: Dugan	Calculated By: Dugan	Checked By: