

RECEIVED

FEB 27 1970

OIL CON. COM.
DIST. 3

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 2/25/70	
Company Jerome P. McHugh		Connection	
Pool Basin		Formation Dakota	
Completion Date 2/16/70		Total Depth 8355'	Plug Back TD 8326'
Elevation 7255'		Farm or Lease Name Apache	
Csg. Size 4 1/2"	Wt. 11.6	Set At 8354'	Perforations: From 8130' To 8312'
Tbg. Size 1 1/4"	Wt. 2.4	Set At 8282'	Perforations: From Open Ended
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single - Gas		Packer Set At 8092'	County Rio Arriba
Producing Thru tbg.	Reservoir Temp. °F @	Mean Annual Temp. °F @	Baro. Press. - P _a N. M.
L 8270	H	Gg 0.70	% 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							1460		---		
1.											
2.											
3.	3/4"			92		62°			---		3 hrs.
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.							
2.							
3.	12.3650		104	0.9981	0.9258	1.000	1188
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 1472	P _c ² 2,166,784	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \underline{1.00515}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{1.00386}$
NO.	P _t ²	P _w	P _w ²
1.			
2.			
3.			2,155,674
4.			
5.			

Absolute Open Flow 1193 Mcfd @ 15.025		Angle of Slope Θ _____	Slope, n 0.75
Remarks: _____			
Approved By Commission:	Conducted By:	Calculated By: Dugan	Checked By: