

3-0CC 1-M⁴ Hugh 1-Mobil 1-EIP250 P.F.11c

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

RECEIVED

AUG 25 1969

OIL CON. COM.
DIST. 3

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 7-26-69	
Company Jerome P. McHugh		Connection	
Pool Brsin		Formation Natchez	
Completion Date 5-21-69		Total Depth 8100	Plug Back TD 8065
Elevation 7007		Farm or Lease Name Jicarilla A	
Csg. Size 5 1/2"	Wt. 14,155 lb	Set At 8090	Perforations: From 8010 To 8058
Tbg. Size 1 1/2"	Wt. 2.4"	Set At 8003	Perforations: From Open End To
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Gas - Brs. Dual		Packer Set At 7749	County Rio Arriba
Producing Thru Tbg.	Reservoir Temp. °F 8	Moan Annual Temp. °F	Baro. Press. - P _a New Mexico
L 002	H	Gg .65	% CO ₂
FLOW DATA		TUBING DATA	
NO.	Prover Line Size	X	Orifice Size
1.			
2.	4 1/2" Brs. Blade		57
3.			
4.			
5.			
RATE OF FLOW CALCULATIONS			
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m
1.			
2.	12.365		6.7
3.			
4.			
5.			
NO.	P _t	Temp. °R	T _t
1.			
2.			
3.			
4.			
5.			
Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.			
A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.			
Specific Gravity Separator Gas _____			
Specific Gravity Flowing Fluid _____			
Critical Pressure _____ P.S.I.A.			
Critical Temperature _____ R			
NO.	P _c	P _w	P _w ²
1.	1508	2.279	0.64
2.			
3.			
4.			
5.			
(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0622$			
(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^{n.75} = 1.0462$			
AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 159$			
Absolute Open Flow 854		Mcf @ 15.025	
Angle of Slope @		Slope, n .75	
Remarks:			
Approved By Commission:		Conducted By:	
Calculated By:		Checked By:	