

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

Form O-122
 Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 4-30-72	
Company Jerome P. McHugh				Connection			
Pool Undesignated				Formation Gallup		Unit	
Completion Date 4-15-72		Total Depth 8300		Plug Back TD 7900		Elevation	
Farm or Lease Name La Jara		Well No. 1					
Csg. Size 4 1/2"	Wt. 10.5#	d	Set At 8298	Perforations: From 7122 To 7320			Unit Sec. Twp. Rge. M 25 29N 3W
Thg. Size 2 3/8"	Wt. 4.7#	d	Set At 7314	Perforations: From Open End To			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single - G25				Packer Set At		County Rio Arriba	
Producing Thru T69		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a New Mexico	
L	H	Gg .62	% 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. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	
SI							2016		2057	
1.										
2.	3/4" Pas Ch			69		62°			268	3 Hrs
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 Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1							
2	12.365		81	.9981	.9837	1.000	983
3.							
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 2069 P _c ² 4,280,761 NO P _t ² P _w P _w ² P _c ² - P _w ² 1 2 290 78,400 4,202,361 3 4 5	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0187$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^{n^{75}} = 1.0139$ AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 997$
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Absolute Open Flow 997 Mcfd @ 15.025	Angle of Slope $\ominus$
Remarks:	
Approved By Commission:	Conducted By: Jaco 65
Calculated By: Jaco 65	Checked By:

MAY 8 1972
 OIL CON. COM.
 DIST. 3