

P O. BOX 21188

STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

SANTA FE, NEW MEXICO 87501

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 7-9-86		JUL 15 1986	
Company William C. Russell		Connection Gas Company of New Mexico		OIL CON. DIV. 1	
Pool Basin Dakota		Formation Dakota		DIST. 3	
Completion Date 7-1-86		Total Depth 6341		Plug back TD 6327	
		Elevation 5674' RKB		Farm or Lease Name Lunt	
Casing Size 4 1/2"		WT. 11.6#/ft		Set At 4.500	
Perforations: From 6092		To 6236		Well No. 62R	
Casing Size 1 1/2"		WT. 2.9#/ft		Set At 1.990	
Perforations: From		To		Unit H 18 30N 13W	
Type Well - Single - Bradenhead - G.C. or G.O. Multiple Single				Packer Set At 5001	
Producing Through tubing				Baro. Press. - P _a 12 psia - est.	
Reservoir Temp. °F				State New Mexico	
Mean Annual Temp. °F				County San Juan	
L		H		C _q est .60	
% CO ₂		% N ₂		% H ₂ S	
Prover		Meter Run		Taps	
FLOW DATA				TUBING DATA	
Casing Data				Duration of Flow	
Prover Line Size		Orifice Size		Press. p.s.i.g.	
X		Press. p.s.i.g.		Diff. h _w	
Temp. °F		Press. p.s.i.g.		Temp. °F	
8 days		1345		SIP	
2" X .750		150		3 hrs	
RATE OF FLOW CALCULATIONS					
Coefficient (24 Hour)		Pressure P _m		Flow Temp. Factor F _t	
12.365		162		.9933	
				1.000	
				1.013	
				2016	
R _f		Temp. °R		T _f	
Z		Gas Liquid Hydrocarbon Ratio		Mcf/bbl.	
		A.P.I. Gravity of Liquid Hydrocarbons		Deg.	
		Specific Gravity Separator Gas		X X X X X X X X	
		Specific Gravity Flowing Fluid		X X X X X	
		Critical Pressure		P.S.I.A.	
		Critical Temperature		R	
P _c 1357		P _w 1,841,449			
P _i ²		P _w ²		P _c ² - P _w ²	
532		282,809		1,558,640	
(calculated)					
AOF = Q		[P _c ² / (P _c ² - P _w ²)] ⁿ		= 2285	
Absolute Open Flow		2285		Mcf @ 15.025	
Angle of Slope θ				Slope, n .75	
Remarks:					
Approved By Division		Conducted By:		Calculated By:	
				Checked By:	