

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

Form C-121
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 10-15-68	
Company Amoco Oil and Gas Company		Location Southern Union Gathering	
Well Blanco		Unit Davis	
Completion Date 10-7-68	Total Depth 5250	Perforations 1150	Elevation 6280 Gr
Flow Line 12" Galv	WT. 4.050	Set At 1250 1.521	Well No. 5
Flow Line 12"	WT. 5.105	Set At 1250 1.521	Unit Sec. Twp. Rge. P 3 31N 12W
Type Well - Single - Broadhead - G.G. or G.O. Multiple single			County San Juan
Producing Thru Casing	Reservoir Temp. °F 8	Mean Annual Precip. in. (Bar. Press. - P ₂)	State New Mexico
L	H	G _g	% CO ₂ % N ₂ % H ₂ S Prover Meter Run Taps

FLOW DATA					TESTING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. In. Wg	Temp. °F	Press. p.s.i.g.	Temp. °F	
51	2"		3/4"				640		3 hr
1.							553		
2.									
3.									
4.									

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (Fr. Head)	$\sqrt{V \cdot W^2}$	Pressure P ₁	Flow Temp. T ₁	Gravity Factor F _g	Super. Compres. Factor, F _{pv}	Rate of Flow Q, Mscf
1	12.355		240	120	0.858	1.014	1729
2							
3							
4							
5							

NO.	P ₁	Temp. °R	T	Z	Gas-Liquid Hydrocarbon Ratio	Mcf/bbl.
1					Vol. % Gravity of Liquid Hydrocarbons	Deg.
2					Specific Gravity Gas to Air	XXXXXX
3					Specific Gravity Gas to Air	XXXXXX
4					P.S.I.A.	P.S.I.A.
5					P.S.I.A.	P.S.I.A.

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OIL CON. COM.

DIST. 3

Absolute Open Flow		Angle of Slope	Slope, n
2000		75	75

Approved By Commission:	Conducted By:	Checked By:	Checked By: