

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

Form C-122
Revised 9-1-65

RECEIVED
MAY 09 1984
OIL CON. DIV.
DIST. 3

Type Test ☒ Initial ☐ Annual ☒ Special		Test Date 4-26-84	
Company Amoco Production Co.		Connection Not Dedicated	
Pool Mtn Nebo		Formation Fruitland Ext.	
Completion Date 1-18-84	Total Depth 2694	Plug Back TD 2656	Elevation 5833 GL
Farm or Lease Name Wood Gas Com "A"			Well No. 1
Csg. Size 7.000	Wt. 26	d 6.276	Set At 2693
Perforations: From 2589 To 2626		Well No.	
Tbg. Size 2.875	Wt. 6.5	d 2.441	Set At 2627
Perforations: From Open To Ended		Unit B	Sec. 4
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single		Packer Set At None	Twp. 31
Producing Thru Tubing	Reservoir Temp. °F 8	Mean Annual Temp. °F	Baro. Press. - P _a
County San Juan		State New Mexico	
L	H	G _g	% CO ₂
% N ₂		% H ₂ S	Prover
Meter Run		Taps	

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow	
NO.	Prove 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	7 days						550		1140		
1.	2.875	.750					4		12		3 hrs
2.											
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 F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	1.365		16	1.000	.9608	*	Est. 190
2.							
3.							
4.							
5.							

NO.	P _r	Temp. °R	T _r	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

NO.	P _i	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.000$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.000$
1		24	576	1326528		
2						
3						
4						
5						

Absolute Open Flow 190 Mcfd @ 15.025		Angle of Slope θ _____	Slope, n .85
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Remarks: * press. too low for Super Compress Factor, did not have pitot tube for low gas flow, well flared, like H2O

Approved By, Commission:	Conducted By: J. J. Barnett	Calculated By: J. J. Barnett	Checked By:
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