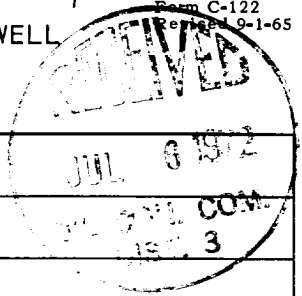


NEW MEXICO OIL CONSERVATION COMMISSION  
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122  
Revised 9-1-65



Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special					Test Date <b>6-29-72</b>	
Company <b>AMOCO PRODUCTION COMPANY</b>				Connection <b>None</b>		
Pool <b>Blanco</b>				Formation <b>Pictured Cliffs</b>		Unit
Completion Date <b>6-21-72</b>		Total Depth <b>2591'</b>		Plug Back TD <b>2552'</b>	Elevation <b>5874' (GL)</b>	Farm or Lease Name <b>W. D. Heath "B"</b>
Csg. Size <b>4.500</b>	Wt. <b>9.5</b>	d <b>4.090</b>	Set At <b>2591</b>	Perforations: <b>2488/99</b> From <b>2469/78</b> To <b>2506-22</b>		Well No. <b>4</b>
Tbg. Size <b>1.660</b>	Wt. <b>2.4</b>	d <b>1380</b>	Set At <b>2528</b>	Perforations: From <b>Open</b> To <b>Ended</b>		Unit    Sec.    Twp.    Rge. <b>A    31    30N    9W</b>
Type Well - Single - Bradenhead - G.G. or G.O. Multiple <b>Single</b>				Packer Set At <b>None</b>		County <b>San Juan</b>
Producing Thru <b>Tubing</b>		Reservoir Temp. °F <b>60° Est.</b>		Baro. Press. - P <sub>a</sub> <b>12 psia (Est.)</b>		State <b>New Mexico</b>
L	H	Gg <b>.650</b>	% CO <sub>2</sub>	% N <sub>2</sub>	% H <sub>2</sub> S	Prover    Meter Run    Taps

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow	
NO.	Discharge Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h <sub>w</sub>	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI	<b>8 Bay</b>						<b>968</b>		<b>978</b>		
1.	<b>2-Inch</b>		<b>0.750</b>	<b>154</b>			<b>154</b>	<b>60° est.</b>	<b>559</b>	<b>60° est.</b>	<b>3 Hr.</b>
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P <sub>m</sub>	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	<b>12.3650</b>		<b>166</b>	<b>1.000</b>	<b>0.9608</b>	<b>1.015</b>	<b>2002</b>
2.							
3.							
4.							
5.							

NO.	P <sub>t</sub>	Temp. °R	T <sub>f</sub>	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 <sub>c</sub> <b>990</b>	P <sub>c</sub> <sup>2</sup> <b>980100</b>			(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \underline{1.4985}$	(2) $\left[ \frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{1.410}$
NO.	P <sub>t</sub> <sup>2</sup>	P <sub>w</sub>	P <sub>w</sub> <sup>2</sup>	P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	
1		<b>571</b>	<b>326041</b>	<b>654059</b>	
2					
3					
4					
5					

AOF = Q $\left[ \frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{2823}$	Absolute Open Flow <b>2809</b> Mcfd @ 15.025	Angle of Slope $\phi$ _____	Slope, n <b>.85</b>
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Remarks: \_\_\_\_\_

Approved By Commission:	Conducted By: <b>J. F. Elledge</b>	Calculated By: <b>P. C. Ellison</b>	Checked By: <b>J. W. Calvin</b>
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