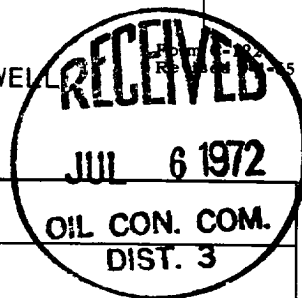


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELLS



Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 6-23-72			
Company AMOCO PRODUCTION COMPANY				Connection None				
Pool Bianco				Formation Pictured Cliffs <i>Ept.</i>				Unit
Completion Date 6-16-72		Total Depth 3039		Plug Back TD 3007		Elevation 6284 (GL)		Farm or Lease Name W. H. Riddle
Csg. Size 4.500	Wt. 9.5	d 4.090	Set At 3039	Perforations: From 2904/2926 To 2936/2947			Well No. 4	
Tbg. Size 1.660	Wt. 2.33	d 1.380	Set At 2947	Perforations: From Open To Ended			Unit Sec. Twp. Rge. L 24 30N 10W	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At None		County San Juan	
Producing Thru Tubing		Reservoir Temp. °F @		Mean Annual Temp. °F Est. 60°		Baro. Press. - P _a 12 psia (est.)		State New Mexico
L	H	Gg .650	% CO ₂	% N ₂	% H ₂ S	Prover	Meter Run	Taps

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow
NO.	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					916		916		
1.	2-Inch	0.750	186			186	60° est.	694	60° est.	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 Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	12.3650		198	1.0000	0.9608	1.019	2397
2.							
3.							
4.							
5.							

NO.	P _t	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. _____ P.S.I.A. Critical Temperature _____ R _____ R			
1								
2.								
3.								
4.								
5.								

P _c 928	P _c ² 861184		
NO.	P _t ²	P _w	P _w ²
1		706	498436
2			
3			
4			
5			

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = \underline{2.3741} \qquad (2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{2.0822}$$

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{4991}$$

Absolute Open Flow 4991 Mcfd @ 15.025	Angle of Slope θ _____	Slope, n .85
Remarks: _____		

Approved By Commission:	Conducted By: B. D. Dukas	Calculated By: P. C. Ellison	Checked By: <i>J. W. Calvin</i> J. W. Calvin
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