

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

Form C-122
Revised 9-1-65

RECEIVED

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 6-29-72		JUL 6 1972 OIL & GAS COM 1972, 3			
Company AMOCO PRODUCTION COMPANY				Connection None						
Pool Blanco				Formation Pictured Cliffs <i>Eft</i>						
Completion Date 6-21-72		Total Depth 2930		Plug Back TD 2892		Elevation 6018 GL		Farm or Lease Name John F. Shaw		
Csg. Size 4.500	Wt. 9.5	d 4.090	Set At 2930	Perforations: From 2788/2813 To 2835/2840			Well No. 1			
Thq. Size 1.660	Wt. 2.33	d 1.360	Set At 2825	Perforations: From Open To Ended			Unit B	Sec. 14	Twp. 30N	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At None			County San Juan		
Producing Thru Tubing		Reservoir Temp. °F 60° est.		Baro. Press. - P _a 12 psia (est.)			State New Mexico			
L	H	Gg	% 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.	
SI	8 Day						779		779	
1.	2-Inch		0.750	49			49	60° est.	217	60° est.
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		61	1.000	0.9608	1.00	725
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _t	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 _c 791	P _c ² 625681	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \mathbf{1.0915}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \mathbf{1.0772}$
NO.	P _t ²	P _w	P _w ²
1		229	52441
2			
3			
4			
5			

Absolute Open Flow 840 Mcfd @ 15.025		Angle of Slope θ _____	Slope, n .85
Remarks: _____			

Approved By Commission:	Conducted By: J. F. Ellledge	Calculated By: P. C. Ellison	Checked By: J. W. Calvin
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