

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

Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 9/8/76	
Company Amoco Production Company				Connection None		
Pool Blanco				Formation Mesaverde		Unit
Completion Date 9/1/76		Total Depth 5400		Plug Back TD 5356		Elevation 6089
Farm or Lease Name Elliott Gas Com "D"						Well No. 1A
Csg. Size 7.000	Wt. 20	d 6.456	Set At 3250	Perforations: From 4480 To 5228		Unit 1A
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 5272	Perforations: From Open ended To		Unit Sec. Twp. Rge. P 9 30 9
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None		County San Juan
Producing Thru Tbg.		Reservoir Temp. °F 88		Baro. Press. - P _a		State New Mexico
L 4854	H	Gg .650	% CO ₂	% N ₂	% H ₂ S	Prover Meter Run Taps

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover 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	7 Days						590		591	
1.	2.375	0.750					220		490	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	12.365		232	1.000	0.9608	1.025	2825
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

P _c 603	P _c ² 363,609			(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \underline{3.2580}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{2.4250}$
NO.	P _r ²	P _w	P _w ²	P _c ² - P _w ²	
1		502	252,004		
2					
3					
4					
5					

$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{6851}$

Absolute Open Flow **6851** Mcfd @ 15.025 Angle of Slope Θ _____ Slope, n **.75**

Remarks: **4.500 Liner 10.5# Set at 3032'-5400'**

Approved By Commission:	Conducted By: Original Signed by H. D. MONTGOMERY	Calculated By: T. M. Oliver	Checked By: W. R. Cordill
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