

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 10-27-87	
Company Amoco Production Company				Connection		
Pool BDCDGU 640 Acre Area				Formation Tubb		Unit Bravo Dome Carbon Dioxide Gas Unit
Completion Date 12-6-83		Total Depth 2735		Plug Back TD 2630		Elevation GL 4945
Csg. Size 7"	Wt. 20	d	Set At 2713	Perforations: From 2438 To 2450		Well No. 1933-161G
Thq. Size 3-1/2	Wt. 9.3	d	Set At 2430	Perforations: From To		Unit Sec. Twp. Rge. G 16 19-N 33-E
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At 2391		County Union
Producing Thru Tubing		Reservoir Temp. °F #		Mean Annual Temp. °F		State NM
L	H	Gq	% CO ₂ 100	% N ₂ 0	% H ₂ S 0	Prover Meter Run 4.0 Taps flange

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.	Temp. °F	Duration of Flow
1.											
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.							
2.							
3.							
4.							
5.							

NO.	P _f	Temp. °R	T _f	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 _c	P _c ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$
1.							
2.							
3.							
4.							
5.							

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$			
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Absolute Open Flow _____ Mcfd @ 15.025	Angle of Slope @ _____	Slope, n _____
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Remarks: Well would not flow during test. See attached.

Approved By Commission:	Conducted By: Mock Well Testing	Calculated By: R. E. Roeth	Checked By:
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