

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 9-4-86	
Company Amoco Production Company				Connection		
Pool BDCDGU 640 Acre Area				Formation Tubb		Unit Bravo Dome Carbon Dioxide Gas Unit
Completion Date 5-15-81		Total Depth 2605		Plug Back TD 2506		Elevation 4520 GL
Csg. Size 5 1/2"	Wt. 14	d 	Set At 2605	Perforations: From 2156 To 2178		Well No. 1935-011K
Tub. Size 2 7/8"	Wt. 6.5	d 	Set At 1987	Perforations: From To		Unit Sec. Twp. Rge. K 1 19-N 35-E
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At 1949		County Union
Producing Thru Tubing		Reservoir Temp. °F 		Mean Annual Temp. °F 		Baro. Press. - P _a
State NM						
L	H	G _g	% 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.	
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 _t	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

NO.	P _c	P _w	P _c ²	P _w ²	P _c ² - P _w ²
1.					
2.					
3.					
4.					
5.					

(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$ _____

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

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____

Absolute Open Flow _____ Mcfd @ 15.025	Angle of Slope @ _____	Slope, n _____
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Remarks: Well would not flow. See attached.

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

November 6, 1987

File: WF

Re: Multipoint Back Pressure Test
Bravo Dome Carbon Dioxide Gas Unit
Well Number 1935-011K

New Mexico Oil Conservation Division
P. O. Box 2088
Santa Fe, NM 87501-2088

Dear Mr. Johnson:

Attached is NMOCDD form C-122 for Bravo Dome Carbon Dioxide Gas Unit well number 1935-011K. This well has been shut in for several months pending remedial work since it would not flow against the collection system line pressure. As a result, the 4 point test cannot be performed.

Consequently, Amoco requests an exception to Rule 1122 for this well. If you have any questions, please let me know.

Thanks,

D J Holcomb

DJH

Attachment