

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

Form C-122
 Revised 9-1-65

RECEIVED

AUG 9 1984

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 5/25/84	
Company Amoco Production Company		Connection OIL CONSERVATION DIVISION	
Pool Bravo Dome		Formation Tubb	
Completion Date 5/28/81		Unit BDCDGU	
Total Depth 2682		Plug Back TD 2638	
Elevation 4635		Farm or Lease Name	
Csg. Size 5-1/2	Wt. 14#	Set At 2684	Perforations: From 2112 To 2260
Well No. 1935 041G			
Tbg. Size 2-7/8	Wt. 6.5#	Set At 2104	Perforations: From To
Unit G	Sec. 4	Twp. 19N	Rge. 35E
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single		Packer Set At 2066	
Producing Thru Tubing		County Union	
Reservoir Temp. °F 90 @ 2186		State New Mexico	
Mean Annual Temp. °F 50		Baro. Press. - P _a 12.25	
L 2186	H 2186	G _g 1.529	% 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.	
SI										
1.	4.026 x	2.5		274	5	60	332.8	50		
2.	4.026 x	2.5		242	19	60	280	50		
3.	4.026 x	2.5		213	32	59	246	50		
4.	4.026 x	2.5		202	38	59	218	50		
5.							207	50		

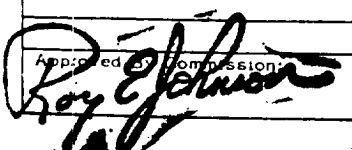
RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1							1076
2							1950
3							2366
4							2488
5							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
1.					0	
2.					A.P.I. Gravity of Liquid Hydrocarbons	Deg.
3.					Specific Gravity Separator Gas	1.529
4.					Specific Gravity Flowing Fluid	XXXXXX
5.					Critical Pressure	1072
					Critical Temperature	496
					P.S.I.A.	
					R	

NO.	P _r ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.270$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.979$
1		292.3		33.6		
2		258.3		52.4		
3		230.3		66.0		
4		219.3		71.0		
5						

Absolute Open Flow 3859 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .831

Remarks: _____

Approved by Commission: 	Conducted By:	Calculated By: Don White	Checked By:
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