

Form C-122
Revised 9-1965

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 3/13/81	
Company Amoco Production Company		Connection El Paso Natural Gas Company	
Pool Basin		Formation Dakota	
Completion Date 2/23/81		Total Depth 6122	Plug Back TD 6080
		Elevation 5431 GL	Form or Lease Name Gallegos Canyon Unit
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 6122
Perforations: From 5899		To 6004	
Trq. Size 2.375	Wt. 4.7	d 1.995	Set At 5998
Perforations: From open		To ended	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple single		Packer Set At none	County San Juan
Producing Thru tubing	Reservoir Temp. °F θ	Mean Annual Temp. °F	Baro. Press. - P _a State New Mexico
L	H	G _g .70	% CO ₂ % H 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.		Temp. °F
SI	9 days						680		680		
1.	2.375		.750				59	60°	291		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 F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.365		71	1.000	.9258	1.003	819
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 <td>Deg.</td>	Deg.
2.					Specific Gravity Separator Gas <td>X X X X X X X X</td>	X X X X X X X X
3.					Specific Gravity Flowing Fluid <td></td>	
4.					Critical Pressure <td>P.S.I.A.</td>	P.S.I.A.
5.					Critical Temperature <td>R</td>	R

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OIL CON. COM.

DIST. 3

P _c 692	P _c ² 478864	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.2372$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.1731$
NO. 1	P _w 303	P _w ² 91809	P _c ² - P _w ² 387055
2			
3			
4			
5			

AOI = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 961$

Absolute Open Flow 961	Mcf @ 15.025	Angle of Slope θ	Slope, n .75
Remarks: made heavy amount of oil			

Approved By: R. A. CONNER	Conducted By: R. A. CONNER	Calculated By: R. A. CONNER	Checked By:
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