

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

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JUL 25 1985

OIL CON. DIV.
DIST. 3

Type Test ☒ Initial ☐ Annual ☒ Special		Test Date 7-3-85	
Company Amoco Production Co.		Connection NWPL	
Pool Undes		Formation Gallup	
Completion Date 6-14-85		Total Depth 9012	
Plug Back TD 8865		Elevation 7750 GR	
Farm or Lease Name Romero Federal		Well No. 1	
Csq. Size 5.500	Wt. 17	d 4.892	Set At 9012
Perforations: From 7765 To 8180	Well No.		
Thq. Size 2.875	Wt. 6.5	d 2.441	Set At 8203
Perforations: From open To ended	Unit Sec. Twp. Ry. D 6 29 4		
Type Well - Single - Bradenhead - G.C. or G.O. Multiple single		Packer Set At BP 8700	
Producing Thru tubing		Reservoir Temp. °F p	
Mean Annual Temp. °F		Baro. Press. - P _g	
State New Mexico		County Rio Arriba	
L	H	Gg	% 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.		Temp. °F
SI	8 days						1783		2035		
1.	2.375	.					108		193		3 hr
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 F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.365		120	1.000	.9258	1.014	1393
2.							
3.							
4.							
5.							

NO.	P _r	Temp. °R	T _g	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl
1.					A.P.I. Gravity of Liquid Hydrocarbons	Dec
2.					Specific Gravity Separator Gas	XXXXXXX
3.					Specific Gravity Flowing Fluid	XXXXX
4.					Critical Pressure	P.S.I.A.
5.					Critical Temperature	R F

NO.	P _c	P _w	P _w ²	P _c ² - P _w ²
1	2047	205	42025	4148184
2				
3				
4				
5				

NO.	P _c ²	P _w ²	P _c ² - P _w ²
1	4190209	42025	4148184
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