

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-122
Revised 10-1-78

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☒ Special		Test Date 4/24/85	
Company Amoco Production Co.		Connection El Paso Natural Gas Co.	
Pool Basin		Formation Dakota	
Completion Date 4/17/85	Total Depth 6316	Plug Back TD 6274	Elevation 5455
Farm or Lease Name Quine Gas Com		Well No. 1E	
Ceq. Size 4.500	Wt. 11.6	d 4.000	Set At 6316
Perforations: From 6020 To 6196GL		Well No. 1E	
Trq. Size 2.375	Wt. 4.7	d 1.995	Set At 6200
Perforations: From open To ended		Unit Sec. Twp. Rge. K 31 30 12	
Type Well - Single - Broadhead - C.G. or G.O. Multiple Single		Packer Set At None	
Producing Thru		County San Juan	
Reservoir Temp. °F #		State New Mexico	
Mean Annual Temp. °F		Baro. Press. - P ₀	
L	H	Cg	% 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							1145		1955		
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							Remarks
2.							
3.							
4.							
5.							

NO.	f _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 ₁ ²	P _w	P ₂ ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_2^2 - P_w^2} =$ _____	(2) $\left[\frac{P_c^2}{P_2^2 - P_w^2} \right]^n =$ _____
1						
2						
3						
4						
5						

$$AOF = Q \left[\frac{P_c^2}{P_2^2 - P_w^2} \right]^n =$$

$$(1) \frac{P_c^2}{P_2^2 - P_w^2} =$$

$$(2) \left[\frac{P_c^2}{P_2^2 - P_w^2} \right]^n =$$

Absolute Open Flow _____ Mcfd @ 15.025	Angle of Slope θ _____	Slope, n _____
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Remarks: _____

Flow for mcfd was not conducted due to housing in area & in the town of Farmington. Shut-in pressure only.

Approved By Division _____	Conducted By _____	Calculated By _____	Checked By _____
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