

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 12-30-80	
Company Amoco Production Company			Connection El Paso Natural Gas Company			
Pool Basin			Formation Dakota		Unit	
Completion Date 12-7-80		Total Depth 6210		Plug Back TD 6167	Elevation 5533	
Farm or Lease Name Gallegos Canyon Unit						
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 6210	Perforations: From 5948 To 6070		
Well No. 199E						
Tq. Size 2.375	Wt. 4.7	d 1.995	Set At 6045	Perforations: From open To ended		
Unit Sec. Twp. Rge. K 34 29N 12W						
Type Well - Single - Bradenhead - G.G. or G.O. Multiple single				Packor Set At None		
Producing Thru tubing		Reservoir Temp. °F #		Mean Annual Temp. °F		
Baro. Press. - P _a						
State New Mexico						
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	19 days						642		642		3 hrs.
1.	2.375		.750				38		220		
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	12.365		50	1.000	.9258	1.006	576
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	XXXXXX
3.					Specific Gravity Flowing Fluid	XXXXX
4.					Critical Pressure	P.S.I.A.
5.					Critical Temperature	R

P _c 654 P _c ² 427716	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.1440$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.1061$
NO. P _t P _w P _w ² P _c ² - P _w ²		
1 232 53824 373892		
2		
3		
4		
5		

$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 637$

RECEIVED

JAN 3 1981

OIL & GAS COM.

DIST. 3

Absolute Open Flow 637 Mcfd @ 15.025	Angle of Slope α Slope, n .75
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Remarks: Lite oil & H₂O flow

Approved By Commission JJB	Conducted By J. J. Barnett	Calculated By J. J. Barnett	Checked By
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