

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

RECEIVED
JUL 13 1983

Type Test ☒ Initial ☐ Annual ☒ Special				Test Date 6-16-83		OIL CON. DIV.	
Company Amoco Production Company				Connection Not dedicated		DIST. 3	
Pool Basin				Formation Dakota		Unit	
Completion Date 5-27-83		Total Depth 6165		Plug Back TD 6121		Elevation 5730 GL	
Farm or Lease Name Gallegos Canyon Unit				Well No. 193E			
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 6165	Perforations: From 5944 To 6034		Unit Sec. Twp. Rge. M 30 28 12	
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 6071	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 #		Mean Annual Temp. °F		Baro. Press. - P _a 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	8 Days						583		600			
1.	2.375		.750				140		473			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 Ft.	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	12.365		152	1.000	.9258	1.017	1770
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _t	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

P _c 612	P _c ² 374544	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.6884$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2.0995$
NO. 1	P _w 485	P _w ² 235225	P _c ² - P _w ² 139319
2.			
3.			
4.			
5.			

Absolute Open Flow 3716		Mcf @ 15.025	Angle of Slope θ _____	Slope, n 75
Remarks: _____				

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