

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

Form C-122
Revised 9-1-65

RECEIVED

Type Test ☒ Initial ☐ Annual ☒ Special					Test Date 7-1-83		JUL 12 1983	
Company Amoco Production Company				Connection El Paso Natural Gas Company				OIL CON. DIV. DIST. 3
Pool Basin				Formation Dakota				
Completion Date 6-20-83		Total Depth 6317		Plug Back TD 6285		Elevation 5758		Form or Lease Name Gallegos Canyon Unit
Csg. Size 5.500	Wt. 15.5	d 4.950	Set At 6317	Perforations: From 6116 To 6255		Well No. 219E		
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 6233	Perforations: From open To ended		Unit D	Sec. 23	Twp. 28
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		State New Mexico
L	H	G _g	% 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.	
SI	7 Days						810		823	
1.	2.375	.750					70		448	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		82	1.000	.9258	1.009	947
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 _____ 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 _t	P _w	P _c ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$
1	835	460	697225	485625	1.4357	1.3116
2						
3						
4						
5						

Absolute Open Flow _____ 1242 _____ Mcfd @ 15.025				Angle of Slope @ _____		Slope, n _____ 75 _____	
Remarks: _____							

Approved by Commission:	Conducted by: R. U. Montoya	Calculated by: R. U. Montoya	Checked by: R. U. Montoya
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