

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 6-22-83		JUL 13 1983	
Company Amoco Production Company				Connection El Paso Natural Gas Company				OIL CON. DIV.	
Pool Basin				Formation Dakota				Unit DIST. 2	
Completion Date 6-10-83		Total Depth 6617		Plug Back TD 6574		Elevation 5868		Farm or Lease Name John Schumacher	
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 6617	Perforations: From 6585 To 6737		Well No. 1E			
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 6719	Perforations: From open To ended		Unit C	Sec. 8	Twp. 30	Rye. 12
Type Well - Single - Bradenhead - G.C. or G.O. Multiple Single				Packer Set At None		County San Juan			
Producing Thru Tubing		Reservoir Temp. °F 8		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	10 Days						1354		1354		
1.	2.375		.750				145		642		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 F _g	Super. Comp. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.365		157	1.000	.9258	1.018	1830
2.							
3.							
4.							
5.							

NO.	P _r	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

P _c 1366	P _c ² 1865956	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.2974$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.2156$
NO. 1	P _w 654	P _w ² 427716	P _c ² - P _w ² 1438240
2.			
3.			
4.			
5.			

Absolute Open Flow 2225		Mcf @ 15.025	Angle of Slope θ _____	Slope, n .75
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Remarks: Drilled & Completed by True Drilling Company

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