

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 4/16/81	
Company Amoco Production Company					Connection El Paso Natural Gas Company						
Pool Basin					Formation Dakota					Unit	
Completion Date 4/3/81			Total Depth 6586		Plug Back TD 6540		Elevation 5947		Farm or Lease Name C. A. McAdams "C"		
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 6586	Perforations: From 6282 To 6436				Well No. 1E			
Tub. Size 2.375	Wt. 4.7	d 1.995	Set At 6447	Perforations: From open To ended				Unit B	Sec. 5	Twp. 27N	Rge. 10W
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At None			County San Juan			
Producing Thru Tubing		Reservoir Temp. °F A		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.	Temp. °F	
SI	7 Days						1030		1230		
1.	2.375		.750				175		512		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 _L	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.365		187	1.000	.9258	1.022	2188
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	XXXXXX
3.					Specific Gravity Flowing Fluid	XXXX
4.					Critical Pressure	P.S.I.A.
5.					Critical Temperature	R

NO.	P _r	P _w	P _w ²	P _r ² - P _w ²
1		524	274576	1267988
2.				
3.				
4.				
5.				

(1) $\frac{P_r^2}{P_r^2 - P_w^2} = 1.2165$ (2) $\left[\frac{P_r^2}{P_r^2 - P_w^2} \right]^n = 1.1584$

AOF = Q $\left[\frac{P_r^2}{P_r^2 - P_w^2} \right]^n = 2535$

Absolute Open Flow	2535	Mcf/d @ 15.025	Angle of Slope	Slope, n	.75
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Remarks: Heavy OIL, LIGHT H₂O

Approved By Commission:	Conducted By: JJB	Calculated By: J J BARNETT	Checked By: CLB
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