

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

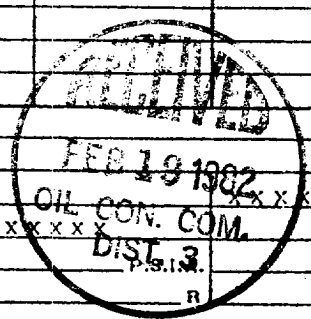
Form C-122
 Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☒ Special						Test Date 2-12-82	
Company Amoco Production Company				Connection El Paso Natural Gas Company			
Pool Basin				Formation Dakota		Unit	
Completion Date 1-14-82		Total Depth 6005		Plug Back TD 5961		Elevation 5338 GL	
Csg. Size 4.500	Wt. 11.6	d 4.000	Set At 6005	Perforations: From 5824 To 5946		Well No. 160E	
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 5935	Perforations: From open To ended		Unit Sec. Twp. Rge. N 27 29N 12W	
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 _g 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						517		517		
1.	2.375		.750				12		270		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 Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.365		24	1.000	.9258	1.003	276
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	XXXXXXX
3.					Specific Gravity Flowing Fluid	XXXXX
4.					Critical Pressure	P.S.I.A.
5.					Critical Temperature	R



P _c 529	P _c ² 279841	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.3970$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.2850$
NO.	P _t	P _w	P _w ²
1		282	79524
2			
3			
4			
5			

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 354$$

Absolute Open Flow	354	Mcf @ 15.025	Angle of Slope @	Slope, n .75
Remarks:				

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