

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 10-19-81	
Company Amoco Production Company				Connection El Paso Natural Gas Company			
Pool Basin				Formation Dakota		Unit	
Completion Date 10-5-81		Total Depth 6219		Plug Back TD 6074		Elevation 5650	
Csg. Size 4.500		Wt. 10.5		d 4.052		Set At 6219	
Perforations: From 5934 To 6054		Well No. 218E					
Trq. Size 2.375		Wt. 4.7		d 1.995		Set At 6056	
Perforations: From open To ended		Unit Sec. Twp. Hys. D 22 28N 12W					
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single						Packer Set At None	
Producing Thru Tubing						County San Juan	
Reservoir Temp. °F P		Mean Annual Temp. °F		Baro. Press. - P _a		State New Mexico	
L	H	G _g	% CO ₂	% N ₂	% H ₂ S	Prover	Meter Hun 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	10 Days						610		777	
1.	2.375		.750				117		561	
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		129	1.000	.9258	1.015	1499
2.							
3.							
4.							
5.							

NO.	P _f	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons	Deq.
2.					Specific Gravity Separator Gas	XXXXXXX
3.					Specific Gravity Flowing Fluid	XXXXXX
4.					Critical Pressure	P.S.I.A.
5.					Critical Temperature	R

P _c 789	P _c ² 1022521	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.1160$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.7545$
NO.	P _w	P _w ²	P _c ² - P _w ²
1	573	328329	294192
2			
3			
4			
5			

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2630$

RECEIVED
OCT 28 1981
OIL CON. COM.
DIST. 3

Absolute Open Flow	2630	Mcf/d @ 15.025	Angle of Slope @	Slope, n .75
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Remarks:			
Approved By Commission	Conducted By:	Calculated By:	Checked By:
	J. J. Barnett	J. J. Barnett	