

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 2-15-83	
Company Amoco Production Company				Connection El Paso Natural Gas Company			
Pool Basin				Formation Dakota		Unit	
Completion Date 1-15-83		Total Depth 6555		Plug Back TD 6484		Elevation 5716 GL	
Farm or Lease Name Florance Gas Com "B"						Well No.	
Csq. Size 4.500	Wt. 10.5	d 4.052	Set At 6555	Perforations: From 6266 To 6404		Unit 1E	
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 6390	Perforations: From open To ended		Unit Sec. Twp. Rye. F 9 29 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 @		Mean Annual Temp. °F		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.	
SI	16 Days						1450		1550	
1.	2.375		.750				102		380	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 Fg	Super Compress. Factor F _{sp}	Rate of Flow Q, Mcfd
1	12.365		114	1.000	.9258	1.02	1321
2.							
3.							
4.							
5.							

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 OIL CON. DIV. / DIST. 3

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

P _c 1562	P _c ² 2439844	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0672$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0500$
NO.	P _w	P _w ²	P _c ² - P _w ²
1	392	153664	2286180
2			
3			
4			
5			

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1387$

Absolute Open Flow	1387	Mcf @ 15.025	Angle of Slope θ	Slope, n .75
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Remarks:

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