

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

Form G-122
 Revised 5-1-85

Type Test ☒ Initial ☐ Annual ☒ Special				Test Date 4/28/81	
Company Amoco Production Company				Connection El Paso Natural Gas Company	
Pool Basin				Formation Dakota	
Completion Date 4/15/81		Total Depth 6595		Plug Back TD 6554	
				Elevation 5942	
Form or Lease Name Hubbell Gas Com "B"					
Csg. Size 4.500		Wt. 10.5		d 4.052	
Set At 6595		Perforations: From 6322 To 6507		Well No. 1E	
Pkg. Size 2.375		Wt. 4.7		d 1.995	
Set At 6513		Perforations: From open To ended		Unit Soc. Twp. R. 10W P 30 28N 10W	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None	
Producing Thru Tubing				County San Juan	
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.	
1.	7 Days						895		1130	
2.	2.375		.780				200		568	3 Hrs.
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, Fpv	Rate of Flow Q, Mcfd
1.	12.365		212	1.000	.9258	1.025	2488
2.							
3.							
4.							
5.							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/cbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas _____
3.					Specific Gravity Flowing Fluid _____
4.					Critical Pressure _____ P.S.I.A.
5.					Critical Temperature _____ R

P _c 1142 P _c ² 1304164		$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.3476$		$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.2508$	
NO.	P _w	P _w ²	P _c ² - P _w ²		
1.	580	336400	967764		
2.					
3.					
4.					
5.					

Absolute Open Flow 3112 Mcfd @ 15.025		Angle of Slope @ _____		Slope, n .75	
Remarks: Heavy oil Light H ₂ O					

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