

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

Form C-122
 Revised 9-1965

Type Test ☒ Initial ☐ Annual ☒ Special				Test Date 4-7-81	
Company Amcco Production Company			Connection El Paso Natural Gas		
Pool Blomfield			Formation Chacara		Unit
Completion Date 3-11-81		Total Depth 6464	Plug Back TD 6424		Elevation 5510
Farm or Lease Name Cooper GC					
Csg. Size 5.500	Wt. 17	d 4.892	Set At 6464	Perforations: From 2776 To 2876	
Well No. 1E					
Thg. Size None	Wt. None	d None	Set At None	Perforations: From To	
Unit J		Sec. 15	Twp. 29N	Rge. 11W	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Dual				Packer Set At 3068	
Producing Thru Casing		Reservoir Temp. °F θ		Baro. Press. - P _a	
State New Mexico					
L	H	G _g .65	% 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
1.	14 days						---		1022		3 hrs.
1.	2.375	.750					---		260		
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		272	1.000	.9608	1.027	3315
2.							
3.							
4.							
5.							

RECEIVED APR 16 1981 OIL CON. COM. DIST. 3	NO.	P _r	Temp. °R	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
	1.			A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
	2.			Specific Gravity Separator Gas _____ X X X X X X X X
	3.			Specific Gravity Flowing Fluid _____ X X X X X
	4.			Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.			Critical Temperature _____ R _____ R	

P _c 1034	P _c ² 1069156								
NO.	P _w	P _w ²	P _c ² - P _w ²						
1	274	75076	994080						
2									
3									
4									
5									

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.0755$$

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 3501$$

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0561$$

Absolute Open Flow 3501 Mcfd @ 15.025	Angle of Slope θ _____	Slope, n .75
---------------------------------------	------------------------	--------------

Remarks: Flowed dry			
Approved By Commission:	Conducted By: JJB	Calculated By: JJ Barnett	Checked By: