

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 11-20-85	
Company El Paso Natural Gas		Connection	
Pool Baisn		Formation Dakota	
Completion Date 11-20-85		Total Depth 7550	Plug Back TD 7537
Elevation 6653 GR		Farm or Lease Name Vaughn	
Csg. Size 4.500	wt. 10.5	d 4.052	Set At 7550
Perforations: From 7201 To 7376		Well No. #14E	
Teg. Size 2.375	wt. 4.7	d 1.995	Set At 7386
Perforations: From To		Unit D 27 26 06	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single			
Packer Set At None		County Rio Arriba	
Producing Thru Tbg.		Reservoir Temp. °F a	Mean Annual Temp. °F
Baro. Press. - P _a 12		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
1.							2206		2208		7 Days
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 _{pv}	Rate of Flow Q, Mcd
1.							
2.							
3.							
4.							
5.							

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

NO.	P _r	P _w	P _w *	P _c - P _w *
1.				
2.				
3.				
4.				
5.				

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

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

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

Absolute Open Flow	Mcd @ 15.025	Angle of Slope	Slope, n
Remarks:			

Approved by Commission:	Conducted By: Charlie Bowman	Calculated By: Ed Mabe	Checked By: kld
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