

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 10-10-85	
Company El Paso Natural Gas		Connection	
Pool Ballard		Formation Pictured Cliffs	
Completion Date 10-10-85		Total Depth 3188	Plug Back TD 3178
Elevation 7327		Farm or Lease Name Jicarilla 183	
Csg. Size 2.875	Wt. 6.4	d 2.441	Set At 3188
Perforations: From 3046 To 3137		Well No. #9	
Tubingless Completion		Perforations: From To	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single		Packer Set At None	County Sandoval
Producing Thru Csg.	Reservoir Temp. °F a	Mean Annual Temp. °F	Baro. Press. - P _a 12
State New Mexcio			
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. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	
SI										
1.									647	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, Mcfd
1							
2							
3							
4							
5							

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

NO.	P _r	P _w	P _w *	P _c * - P _w *	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$
1						
2						
3						
4						
5						

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

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

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

Absolute Open Flow	Mcf/d @ 15.025	Angle of Slope @	Slope, n
Remarks:			

Approved by Commission:	Conducted By: Jim Boone	Calculated By: Ed Mabe	Checked By: kld
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