

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

RECEIVED

Form C-122
Revised 9-1-65

OIL CON. DIV.

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 7-25-83		DIST. 3 (OWWO)	
Company El Paso Natural Gas Company				Connection El Paso Natural Gas Company				
Pool Blanco				Formation Pictured Cliffs				Unit
Completion Date 7-16-83		Total Depth 3044		Plug Back TD 3045		Elevation		Farm or Lease Name Kelly
Csg. Size 2.875	Wt. 6.4	d 2.441	Set At 3044	Perforations: From 2876 To 2950				Well No. #3
Tbg. Size 1.660	Wt. 2.3	d 1.380	Set At 2934	Perforations: From To				Unit Sec. Twp. Rge. I 26 30 10
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At 2771		County San Juan	
Producing Thru Tbg.		Reservoir Temp. °F @		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
SI							330				9 Days
1.											
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, Fpv	Rate of Flow Q, Mcfd
1							
2							
3							
4							
5							

NO.	P _t	Temp. °R	T _f	Z	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

NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(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						

$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____			
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Absolute Open Flow _____ Mcfd @ 15.025	Angle of Slope @ _____	Slope, n _____
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Remarks: _____			
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Approved By Commission:	Conducted By: Joe Golding	Calculated By: Ed Mabe	Checked By:
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