

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

Form C-122
Revised 9-1-65

RECEIVED
APR 09 1984
OIL CON. DIV.
DIST. 3

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 04-04-84																																																																																															
Company El Paso Natural Gas Co.				Connection El Paso Natural Gas Company																																																																																																
Pool Devils Fork Ext.				Formation Gallup		Unit																																																																																														
Completion Date 03-25-84		Total Depth 5573		Plug Back TD 5559		Elevation 6585 GR																																																																																														
Csg. Size 4.500		Wt. 10.5	d 4.052	Set At 5572	Perforations: From 5239 To 5543																																																																																															
Tbg. Size 2.375		Wt. 4.7	d 1.995	Set At 5536	Perforations: From To																																																																																															
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None		County Rio Arriba																																																																																														
Producing Thru TBG		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a																																																																																														
L		H	Gg	% CO ₂	% N ₂	% H ₂ S																																																																																														
Prover		Meter Run		Taps																																																																																																
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="6">FLOW DATA</th> <th colspan="2">TUBING DATA</th> <th colspan="2">CASING DATA</th> <th rowspan="2">Duration of Flow</th> </tr> <tr> <th>NO.</th> <th>Prover Line Size</th> <th>X</th> <th>Orifice Size</th> <th>Press. p.s.i.g.</th> <th>Diff. h_w</th> <th>Temp. °F</th> <th>Press. p.s.i.g.</th> <th>Temp. °F</th> <th>Press. p.s.i.g.</th> <th>Temp. °F</th> </tr> <tr> <td>SI</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>317</td> <td></td> <td>317</td> <td></td> <td>10 days</td> </tr> <tr><td>1.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>2.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>3.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>4.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>5.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>							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							317		317		10 days	1.												2.												3.												4.												5.											
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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																																																																																													
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NO.	P _t	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl. A.P.I. Gravity of Liquid Hydrocarbons _____ Deg. Specific Gravity Separator Gas _____ X X X X X X X X Specific Gravity Flowing Fluid _____ X X X X X Critical Pressure _____ P.S.I.A. _____ P.S.I.A. 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) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____ 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 _____																																																																																															
Remarks: _____																																																																																																				
Approved By Commission:		Conducted By: Charlie Bowman		Calculated By: Ed Mabe		Checked By:																																																																																														