

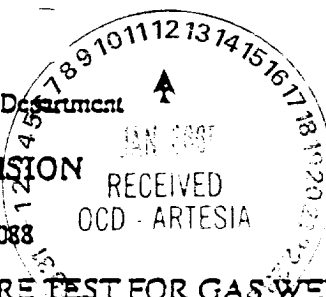
Submit in duplicate to
appropriate district office
See Rule 401 & Rule 1122

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-122
Revised 4-1-91



MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Operator Burlington Resources Oil & Gas Company						Lease or Unit Name El Paso 14 Federal					
Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 12-29-98		Well No. 1			
Completion Date 11-11-98		Total Depth 13910' MD		Plug Back TD 13910' MD		Elevation 3161' Gr.		Unit Loc. - Sec. - Twp. - Rge. K, 14, T26S, R30E			
Csg. Size 7" / 4 1/2"		Wt. 26#		d 6.272		Set At 11.800		Perforations: From: 12610 To: 13,906' MD		County Eddy	
Log. Size 2 7/8		Wt. 6.5		d 2.441		Set At 11470		Perforations: From: To:		Pool Ross Draw Wolfcamp	
Type Well - Single - Bradenhead - G.G. - G.C. Multiple Single Completion-Horizontal Well						Packer Set At 11440		Formation Wolfcamp			
Producing Thru Tbg		Reservoir Temp. °F 191.5		Mean Annual Temp. °F 60°		Baro. Press - P _a 13.2		Connection sales			
L 12610	II 11750	G _g .692	% CO ₂ .089	% N ₂ .966	% H ₂ S 0	Prover 0	Meas Run 4.026	Taps 6/9			

FLOW DATA					TUBING DATA		CASING DATA		Duration of Flow	
NO.	Prover Line Size	Orifice X 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
51						6467		phr		
1.	4.026 X 2.000		59	4.7	85°	6300				60 min
2.	4.026 X 2.000		104	13.4	78°	6007				60 min
3.	4.026 X 2.000		171	26.7	58°	5725				60 min
4.	4.026 X 2.000		268	51	60°	5645				60 min
5.										

RATE OF FLOW CALCULATIONS							
NO.	COEFFICIENT (24 HOUR)		Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{sp}	Rate of Flow Q, Mcfd
1.							450
2.							983
3.			TOTAL FLOW!				1744
4.							2338
5.							

NO.	P _i	Temp. °R	T _i	Z	Gas Liquid Hydrocarbon Ratio	N/A	Method
1.					A.P. L. Gravity of Liquid Hydrocarbons	N/A	Dep
2.					Specific Gravity Separator Gas		XXXXXXXXXX
3.					Specific Gravity Flowing Fluid	N/A	XXXXXX
4.					Critical Pressure	672	PSIA
5.					Critical Temperature	384	R

P_i 6480.2 P_u 41993.0

NO.	P _i ²	P _u	P _u ²	P _i ² - P _u ²
1.	6313.4	39859.4	2133.6	
2.	6021.3	36256.2	5736.8	
3.	5741.8	32967.8	9025.2	
4.	5664.6	32088.0	9905.0	
5.				

$$1) \frac{P_i^2}{P_i^2 - P_u^2} = 4.240$$

$$(2) \left[\frac{P_i^2}{P_i^2 - P_u^2} \right]^* = 4.240$$

$$AOF = Q \left[\frac{P_i^2}{P_i^2 - P_u^2} \right]^* = 9.912$$

Absolute Open Flow	9.912	Mcfd @ 15.025	Angle of Slope	45.0	Slope, n	1.000
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Remarks: *Well made no liquid during test

Approved By Division	Conducted By: Pro Well Testing	Calculated By: M.B.	Checked By: B.M.
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