

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 8-19-85	
Company El Paso Natural Gas		Connection	
Pool Basin		Formation Dakota	
Completion Date 8-19-85		Total Depth 6982	Plug Back TD 6913
		Elevation 6576 GR	Form or Lease Name Huerfano U.
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 6928
Perforations: From 6718 To 6829		Well No. #203E	
Teg. Size 2.375	Wt. 4.7	d 1.995	Set At 6827
Perforations: From To		Unit Sec. Twp. Rge. H 1 26 10	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single		Packer Set At None	County San Juan
Producing Thru Tbg.	Reservoir Temp. °F a	Mean Annual Temp. °F	Baro. Press. - P _a 12
State New Mexico			
L	H	G _g .700	% 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.			.750	199		82	199		586		7 Days
2.											3 Hrs.
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcf/d
1	12.365		211	.9795	.9258	1.020	2413
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	XXXXXXX
3.					Specific Gravity Flowing Fluid	XXXXXXX
4.					Critical Pressure	P.S.I.A.
5.					Critical Temperature	R

P _r 1787	P _w 3193369	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{3193369}{2835765}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0932$
NO. 1	P _r 598	P _w 357604	P _r ² - P _w ² 2835765
2.			
3.			
4.			
5.			

Absolute Open Flow 2638		Mcf/d @ 15.025	Angle of Slope	Slope, n .75
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Remarks: Produced heavy spary of water during test.
Gas vented during test = 382 MCF.

Approved by Commission:	Conducted By: Bill Huntington	Calculated By: Ed Mabe	Checked By: kld
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