

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

Form C-122
Revised 9-1-65

RECEIVED

Type Test ☒ Initial ☐ Annual ☒ Special					Test Date 10-3-85		OCT 24 1985	
Company Amoco Production Co.				Connection El Paso Natural Gas Co.				OIL CON. DIV. DIST. 3
Pool Basin				Formation Dakota				
Completion Date 9-26-85		Total Depth 7070		Plug Back TD 7027		Elevation 5709 GL		Farm or Lease Name Lopez Gas Com
Csq. Size 4.500	Wt. 11.6	d 4.00	Set At 7070	Perforations: From 6680 To 6966		Well No. 1E		
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 6985	Perforations: From open To ended		Unit A	Sec. 2	Twp. 29
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At None		County San Juan	
Producing Thru Tubing		Reservoir Temp. °F ø		Mean Annual Temp. °F		Baro. Press. - P _a		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.	
SI	7 days						1520		1775	
1.	2.375		.750				220		770	3 hrs.
2.										
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, Mcfd
1	12.365		232	1.000	.9528	1.027	2728
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _r	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	

P _c 1787	P _c ² 319.3369	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.2369$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.1728$
NO.	P _t ²	P _w	P _w ²
1		782	611524
2			
3			
4			
5			

Absolute Open Flow 3200 Mcfd @ 15.025		Angle of Slope ø _____	Slope, n 75
Remarks: Flared, Lite Condensate, Lite H ₂ O			

Approved By Commission:	Conducted By: Bryan Services	Calculated By: J. J. Barnett	Checked By: _____
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