

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 8/27/79			
Company AMOCO PRODUCTION COMPANY						Connection EL PASO NATURAL GAS COMPANY			
Pool BASIN						Formation DAROTA		Unit	
Completion Date 8/7/79		Total Depth 6469		Plug Back TD 6425		Elevation 5556		Farm or Lease Name MORRIS GAS COM C	
Csg. Size 4.50	Wt. 10.5	d 4.052	Set At 6464	Perforations: From 6378 To 6410		Well No. 1E			
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 6409	Perforations: From OPEN To ENDED		Unit Sec. Twp. Rge. 26 27 10			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple SINGLE						Packer Set At NONE		County SAN JUAN	
Producing Thru TUBING		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a		State NEW MEXICO	
L	H	Gg .70	% 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	9 DAYS						1150		1156	
1.	2.375	.750					34	60	344	3HRS
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 F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.365		46	1.000	.9258	1.005	529
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _t	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 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 1168	P _c ² 1364224			(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \underline{\underline{1.1024}}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{\underline{1.0759}}$
NO.	P _t	P _w	P _w ²	P _c ² - P _w ²	
1		356	126736	1237488	
2					
3					
4					
5					

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{\underline{569}}$$

569

Absolute Open Flow _____ Mcfd @ 15.025	Angle of Slope @ _____	Slope, n .75
Remarks: _____		

Approved By Commission:	Conducted By: J. J. BARNETT	Calculated By: J. J. BARNETT	Checked By:
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