

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

Form C-122
 Revised 9-15-65

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 4-1-81	
Company Amoco Production				Connection El Paso Natural Gas		
Pool Basin				Formation Devon		Unit
Completion Date 3-18-81		Total Depth 6490		Plug back TD 6451		Elevation 5837
Farm or Lease Name C. A. McAdams "C"						Well No.
Csg. Size 4,500	Wt. 10.5	d 4.052	Set At 6490	Perforations: From 6232 To 6407		2E
Tub. Size 2,375	Wt. 4.7	d 1.995	Set At 6391	Perforations: From open To ended		Unit Sec. Twp. R1/4 F 5 27N 10W
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Dual				Packer Set At None		County San Juan
Producing Through tubing		Reservoir Temp. °F p		Mean Annual Temp. °F		State New Mexico
L	H	G _g	% CO ₂	% H 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
SI	8 days										
1.	2,375	.750							1472		3 hrs.
2.									460		
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		164	.001	.9258	1.019	1913
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 _____ 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

NO.	P _r	P _w	P _w ²	P _r ² - P _w ²	(1) $\frac{P_r^2}{P_r^2 - P_w^2} = 1.1125$	(2) $\left[\frac{P_r^2}{P_r^2 - P_w^2} \right]^n = 1.0833$
1	472	222784	1979472			
2						
3						
4						
5						

Absolute Open Flow <u>2072</u> _____ Mcf/d @ 15.025		Angle of Slope θ _____	Slope, n <u>.75</u>
Remarks: _____			
Approved by Consultant: _____	Conducted By: <u>JJB</u>	Calculated By: <u>J. L. Barnett</u>	Checked By: <u>CLB</u>