

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-122
Revised 10-1-78

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 03 18 80	
Company AMOCO PRODUCTION COMPANY				Connection EL PASO NATURAL GAS COMPANY	
Pool BASIN				Formation DAKOTA	
Completion Date 01 19 80		Total Depth 6500		Plug Back TD 6451	
				Elevation 5508 GL	
Csg. Size 4.500		Wt. 11.6		Perforations From 6310 To 6404	
Tub. Size 2.375		Wt. 4.7		Perforations From open To ended	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple SINGLE				Packer Set At NONE	
Producing Thru TUBING				Baro. Press. - P _a	
Reservoir Temp. °F •				Mean Annual Temp. °F	
County San Juan				State New Mexico	
L		H		Cg	
				% 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	
SI	11 days						778		794		3 hrs
1.	2.375	.750					42		194		
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 Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	12.365		54	1.000	.9238	1.006	622
2.							
3.							
4.							
5.							

NO.	P _i	Temp. °R	T _i	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.	A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
1					Specific Gravity Separator Gas _____	XXXXXXXXXX
2					Specific Gravity Flowing Fluid _____	XXXXXX
3					Critical Pressure _____ P.S.I.A.	_____ P.S.I.A.
4					Critical Temperature _____ R	_____ R
5						

NO.	P _i ²	P _w	P _w ²	P _i ² - P _w ²	(1) $\frac{P_i^2}{P_i^2 - P_w^2} =$	(2) $\left[\frac{P_i^2}{P_i^2 - P_w^2} \right]^n =$
1		206	42436	607200	1.0699	1.0520
2						
3						
4						
5						

Absolute Open Flow **654** Mcfd @ 13.025 Angle of Slope **•**
 Remarks: _____
 Approved by Division _____ Conducted By: **JJB** Calculated By: **J J BARNETT** Checked By: **BE FACKRELL**