

OIL CONSERVATION DIVISION

P. O. BOX 2088

Form C-122
Revised 10-1-78STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

SANTA FE, NEW MEXICO 87501

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 3-4-80	
Company El Paso Natural Gas Co.					Connection	
Pool Blanco					Formation Mesa Verde	
Completion Date 2-24-80		Total Depth 4930		Plug Back TD 4912		
Elevation		Perforations From 4085 To 4836		Well No. 3A		
Seq. Size 4.500		WT. 10.5		Set At 4930		
Req. Size 2.375		WT. 4.7		Set At 1.995		
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At	
Producing Thru					Reservoir Temp. °F a	
Mean Annual Temp. °F					Baro. Press. - P _a	
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
1						
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, F _{pv}
1						
2						
3						
4						
5						
NO.	P _f	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio _____ Mol. vol.	
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 _f	P _w	P _c	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$ _____ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____	
1						
2						
3						
4						
5						
Absolute Open						
Remarks:						
Approved by Division		Conducted By: T. McAndrews		Calculated By: C.R. Wagner		Checked By:

