

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP.O. BOX 2000
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 3-7-86			
Company El Paso Natural Gas Co.					Connection			
Pool Basin					Formation Dakota			Unit
Completion Date 3.7-86		Total Depth 6550		Plug Back TD 6533		Elevation		Farm or Lease Name Inerfano Unit
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 6550	Perforations: From 6340 To 6445		Well No. #225E		
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 6418	Perforations: From To		Unit 30	Sec. 26	Twp. 10
Type Well - Single - Bradenhead - G.C. or G.O. Multiple Single					Packer Set At None		County San Juan	
Producing Thru Tbg.		Reservoir Temp. °F 8		Mean Annual Temp. °F		Baro. Press. - P _g 12		State New Mexico
L	H	G _g	% 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							391		641		7 Days
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 F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1							
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
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 ²	P _w ²	P _w ²	P _r ² - P _w ²	(1) $\frac{P_c^2}{P_r^2 - P_w^2} =$	(2) $\left[\frac{P_c^2}{P_r^2 - P_w^2} \right]^n =$
1						
2						
3						
4						
5						

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

Absolute Open Flow _____ Mcfd @ 15.025

Angle of Slope @ _____

Remarks: _____

RECEIVED

MAR 12 1986

OIL CON. DIV.

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Approved By Division	Conducted By: B. Huntington	Calculated By: Scott H. Lindsay	Checked By: kld
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