

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

Form C-422
 Revised 9-1-65

JAN 18 1984
 CON. DIV.
 DIST. 3

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 11-21-83		(OWWO)	
Company El Paso Natural Gas Co.				Connection El Paso Natural Gas Co.				
Pool Blanco				Formation PC - MV (CMGLD)				Unit
Completion Date 11-14-83		Total Depth 5767		Plug Back TD 5750		Elevation 6337 GR		Farm or Lease Name Mudge
Csg. Size 7.000	Wt. 20	d 6.456	Set At 3449	Perforations: From *3092 To 5487		Well No. 4A		
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 5657	Perforations: From To		Unit C	Sec. 1	Twp. 31
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None		County San Juan		
Producing Thru TBG		Reservoir Temp. *F @		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							272		485		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 _f	Temp. *R	T _f	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.	A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.	Specific Gravity Separator Gas _____ X X X X X X X X	Specific Gravity Flowing Fluid _____ X X X X X	Critical Pressure _____ P.S.I.A.	Critical Temperature _____ R
1										
2										
3										
4										
5										

NO.	P _c	P _c ²	P _w	P _w ²	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 Flow _____ Mcfd @ 15.025 Angle of Slope θ _____ Slope, n _____

Remarks: * 4.500" liner 3274' - 5767'

Approved By Commission:	Conducted By: Carl Rhames	Calculated By: Ed Mabe	Checked By:
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