

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

Form C-122
Revised 9-1-65

Type Test: ☒ Initial ☐ Annual ☐ Special Test Date: 12-17-85									
Company: El Paso Natural Gas					Connection:				
Pool: Blanco					Formation: Mesa Verde				
Completion Date: 12-17-85		Total Depth: 6216		Plug Back TD: 6204		Elevation: 6744 GR		Farm or Lease Name: S.J. 27-5 Unit	
Csg. Size: 7.000	Wt. 20	d 6.456	Set At 3934	Perforations: From *4567 To 5929		Well No. #23A			
Teg. Size: 2.375	Wt. 4.7	d 1.995	Set At 5890	Perforations: From To		Unit Sec. Twp. Rge. D 02 27 05			
Type Well - Single - Bradenhead - G.C. or G.O. Multiple					Packer Set At: None		County: Rio Arriba		
Producing Thru Tbg.		Reservoir Temp. *F		Mean Annual Temp. *F		Baro. Press. - P _a : 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	
1.							901		925		7 Days
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 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) $\frac{P_r^2}{P_r^2 - P_w^2} =$	(2) $\left[\frac{P_r^2}{P_r^2 - P_w^2} \right]^n =$
1.						
2.						
3.						
4.						
5.						

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

DEC 19 1985
OIL CON. DIV.
DIST. 3

Absolute Open Flow _____ Mcfd @ 15.025		Angle of Slope _____	
Slope, n _____			
Remarks: *4.500 "Liner 3770" - 6216'.			

Approved by Commission:	Conducted By: Harold Cloer	Calculated By: Ed Mabe	Checked By: kld
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