

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

Form C-122
Revised 9-1-65

RECEIVED
JAN 16 1984

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 1-11-84				
Company El Paso Natural Gas				Connection Northwest Pipeline					
Pool Blanco				Formation Mesaverde				Unit DIST. 3	
Completion Date 1-4-84		Total Depth 6306		Plug Back TD 6289		Elevation 6670 GL		Farm or Lease Name San Juan 30-6 Unit	
Csg. Size 7.000	Wt. 20	d 6.456	Set At 4033	Perforations: From *5533 To 6215				Well No. #89A (MV)	
Tng. Size 2.375	Wt. 4.7	d 1.995	Set At 6187	Perforations: From To				Unit 0	Sec. Twp. Rge. 36 30 6
Type Well - Single - Bradenhead - G.G. or G.O. Multiple G.G Dual					Packer Set At 3820		County Rio Arriba		
Producing Thru TBG		Reservoir Temp. *F @		Mean Annual Temp. *F		Baro. Press. - P _a 12		State New Mexico	
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	Press. p.s.i.g.	Temp. *F	Press. p.s.i.g.	Temp. *F	
SI							456				7 days
1.		.750		142		59	142				3 hours
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		154	1.0010	.9325	1.014	1802
2.							
3.							
4.							
5.							

NO.	P _f	Temp. *R	T _f	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

P _c 468	P _c ² 219024					
NO	P _f	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{219024}{118667}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.5835$
1	23716	317	100357	118667		
2						
3						
4						
5						

Absolute Open Flow 2853 Mcfd @ 15.025		Angle of Slope θ _____	Slope, n .75
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Remarks: * 4,500" Liner 3869'-6306'	
Gas vented during test = 223 MCF	

Approved By Commission:	Conducted By: Gary Gonzales	Calculated By: Ed Mabe	Checked By:
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