

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 3-10-77	
Company AMOCO PRODUCTION COMPANY			Connection El Paso Natural Gas Co.		
Pool Blanco			Formation Mesaverde		Unit
Completion Date 3-10-77		Total Depth 4830	Plug Back TD 4774	Elevation 5602 GL	Farm or Lease Name Lobato Gas Com "A"
Csg. Size 7.000	Wt. 20	d 6.456	Set At 2650	Perforations: From 3868 To 4584	Well No. 1-A
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 4582	Perforations: From Open To Ended	Unit Sec. Twp. Rge. D 3 29 9
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 _a	State New Mexico
L	H	Gg .65	% 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.	
SI	7 days						491		500	
1.	2.375		.750				130		450	60°
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		142	1.000	.9608	1.013	1709
2.							
3.							
4.							
5.							

NO.	P _t	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 _____
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 512	P _c ² 262,144					
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \underline{5.3828}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{3.5339}$
1		462	213,444	48700		
2						
3						
4						
5						

Absolute Open Flow 6039 Mcfd @ 15.025		Angle of Slope ϕ _____	Slope, n .75
Remarks: 4.500" 10.5# liner set 2449-4830'			
Calculated By H. D. MONTGOMERY			
Approved By Commission:	Conducted By: T. M. Oliver	Calculated By: Oliver/W.R.Cordill	Checked By: H. D. Montgomery