

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 1/12/78			
Company Amoco Production Company						Connection El Paso Natural Gas Company			
Pool Blanco						Formation Mesaverde		Unit	
Completion Date 1/5/78			Total Depth 4666		Plug Back TD 4584		Elevation 5851		Farm or Lease Name Navajo Allotted Gas Com B
Csg. Size 7.000	Wt. 20	d 6.456	Set At 2459	Perforations: From 3706 To 4500		Well No. 1A			
Thg. Size 2.375	Wt. 4.7	d 1.995	Set At 4499	Perforations: From Open To Ended		Unit 0	Sec. 36	Twp. 28	Rge. 9
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single						Packer Set At None		County San Juan	
Producing Thru Tubing		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						630		744	
1.	2.375	0.750					130	60	350	3 hrs.
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	12,365		142	1.000	.9608	1.013	1709
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 _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.2975$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.2157$
1		362	131044	440492		
2						
3						
4						
5						

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2078$

STAMP: JAN 20 1978
OIL & GAS
MEXICO

Absolute Open Flow 2078 Mcfd @ 15.025		Angle of Slope @ Slope, n .75	
Remarks: 4.5" 10.5# Liner set @ 2274 - 4666'			
Approved By Commission:	Conducted By: T. M. Oliver	Calculated By: TMO/TDB	Checked By: J. L. Krupka