

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 7/26/79	
Company Conoco Inc.		Connection none	
Field Blanco		Formation Mesa Verde	
Completion Date 7/17/79	Total Depth 6100	Perforation Depth 5800	Elevation 6951
Depth to Top of Hole 4.5	WT. 10.5	d 4.052	Set At 6097'
Perforations: From 5706 To 5726	Well No. 6-A		
Perforations: From open To end	Unit Soc. Twp. Rge. 0 9 26N 54E		
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single Gas		Packer Set At none	County Rio Arriba
Producing Through 5686	Reservoir Temp. °F 50°	Mean Annual Temp. °F 50°	Baro. Press. - P _a 12.2
L 5686	H 5686	G _g .690	% CO ₂ % N ₂ % H ₂ S Prover 3/4 choke nipple
FLOW DATA		TUBING DATA	
Casing Data		Duration of Flow	
NO	Prover Line Size	X	Orifice Size
SI			
1.	3/4 Choke nipple		98"
2.			
3.			
4.			
5.			
RATE OF FLOW CALCULATIONS			
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m
1	11		110
2			
3			
4			
5			
NO.	P _t	Temp. °R	T _f
1			
2			
3			
4			
5			
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. _____ P.S.I.A.			
Critical Temperature _____ R _____ R			
$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.080$ $(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.059$			
NO	P _c	P _w	P _c ² - P _w ²
1			
2		240	57700
3			716700
4			
5			
$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1530$			
Absolute Open Flow 1,530		Mcf @ 15.025	Angle of Slope θ
Slope, n 75			
Remarks:			
Approved By Commission:		Conducted By: D.L. Moore	Calculated By: D.L. Moore
Checked By:			

NMOCU AZTEC (2) - USGS, DURANGO (2) - BEA - FILE