

2-0CD, Aztec, N.M.

1-B
1-NCRA
1-EPNG
1-FNEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELLForm C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 8/16/80	
Company Bolin Oil Company		Connection NC	
Pool Blanco		Formation Mesaverde	
Completion Date 8/8/80		Total Depth 4700' KB	Plug Back TD 4634' KB
		Elevation 6094' GL	Form or Lease Name Candado
Csg. Size 5 1/2"	Wt. 15.5#	Set At 4693' KB	Perforations: From 4278' To 4552'
Tbg. Size 1 1/2"	Wt. 2.9#	Set At 4524' KB	Perforations: From To
Type Well - Single - Bradenhead - G.G. or G.O. Multiple G. G. - multiple		Packer Set At 3264'	County Rio Arriba
Producing Thru Tbg.	Reservoir Temp. °F a	Mean Annual Temp. °F	Baro. Press. - P _a
L	H	G _g	% CO ₂ % H ₂ % H ₂ S
Prover		Meter Run	Taps
FLOW DATA			
NO.	Prover Line Size	X	Orifice Size
SI			
1.	2	X	3/4"
2.			
3.			
4.			
5.			
TUBING DATA			
	Press. p.s.i.g.	Temp. °F	
	956#		
	47#	56	
CASING DATA			
	Press. p.s.i.g.	Temp. °F	
Duration of Flow			
SI 7 days			
3 hrs			
RATE OF FLOW CALCULATIONS			
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m
1	12.3650		59
2.			
3.			
4.			
5.			
Flow Temp. Factor FL			
Gravity Factor F _g			
Super Compress. Factor, F _{pv}			
Rate of Flow Q, Mcfd			
732			
NO. P _r Temp. °R T _r Z			
Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.			
A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.			
Specific Gravity Separator Gas _____ XXXXXXXXXX			
Specific Gravity Flowing Fluid _____ XXXXXX			
Critical Pressure _____ P.S.I.A. P.S.I.A.			
Critical Temperature _____ °R °R			
P _c 968 P _c ² 937024			
NO.	P _r ²	P _w	P _w ²
1	3481	177	31329
2			
3			
4			
5			
(1) $\frac{P_c^2}{P_r^2 - P_w^2} = 1.0346$			
(2) $\left[\frac{P_c^2}{P_r^2 - P_w^2} \right]^n = 1.0258$			
AOI = Q $\left[\frac{P_c^2}{P_r^2 - P_w^2} \right]^n = 751$			
Absolute Open Flow 751 Mcfd @ 15.025 Angle of Slope 0 Slope, n .75			
Remarks:			
Approved by Commission:			
Conducted by: Crum			
Calculated by: Crum			
Checked by:			