

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELLS

RECEIVED
MAY 15 1984
OIL CON. DIV.
DIST. 3

Type Test ☒ Initial ☐ Annual ☒ Special				Test Date 5-4-84	
Company Amoco Production Company				Connection Not Dedicated	
Pool Blanco				Formation Mesaverde	
Completion Date 4-18-84		Total Depth 5125 5122		Plug Back TD 5000 5128	
Elevation 6041		Elevation 6053 GL		Farm or Lease Name Stanolind- XXXXXX "A"	
Csq. Size 4.500	Wt. 10.5	d 4.052	Set At 5125	Perforations: From 4720 To 4926	
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 4906	Perforations: From Open To Ended	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None	
Producing Thru Tubing		Reservoir Temp. °F #		Mean Annual Temp. °F	
Baro. Press. - P _a		County San Juan		State New Mexico	
L	H	Cg	% 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. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	
SI	11 days						1024		1024	
1.	2.375		.750				138		287	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 Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	12.365		150	1.000	.9258	1.017	1746
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 _____
3.					Specific Gravity Flowing Fluid _____
4.					Critical Pressure _____ P.S.I.A.
5.					Critical Temperature _____ R

P _c 1036	P _c ² 1073296	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0909$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0674$
NO.	P _w	P _w ²	P _c ² - P _w ²
1	299	89401	983895
2.			
3.			
4.			
5.			

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1864$

Absolute Open Flow 1864 Mcfd @ 15.025 Angle of Slope 4+ Slope, n .75

Remarks: Flared, flowed dry, drilled by TRUE

Approved By Division	Conducted By: J. J. Barnett	Calculated By: J. J. Barnett	Checked By:
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