

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR

RECEIVED

APR 24 1990

OIL CON. DIV
DIST. 3

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 4-12-90	
Company TEXACO INC.		Connection EPNG.	
Pool South Blanco		Formation Pictured Cliffs	
Completion Date 4-2-90		Total Depth 8298	Plug Back TD 3837
Elevation 7292 KB.		Form or Lease Name Lydia Rentz	
Csq. Size 5.500	Wt. 17#	d 4.892	Set At 8264
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 3754
Perforations: From 3755 To 3778		Perforations: From Open To ended	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single		Packer Set At -	Unit Sec. Twp. Rge. A - 19-25N-3W
Producing Thru Tubing	Reservoir Temp. °F -	Mean Annual Temp. °F -	County Rio Arriba
L 3754	H 3754	Gg .670Est	State New Mexico
% CO ₂	% N ₂	% H ₂ S	Prover .750
Meter Run		Taps	

FLOW DATA

NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	TUBING DATA		CASING DATA		Duration of Flow
							Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI	Shutin 168 Hr										
1.	2.000x.750						784		872		
2.	2.000x.750						89	60	260		1st Hr
3.	2.000x.750						69	60	200		2nd Hr
4.							63	60	174		3rd Hr
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, Mcld
1.	11.000						
2.	11.000		101	1.000	1.022	1.000	1135
3.	11.000		81	1.000	1.022	1.000	911
4.			75	1.000	1.022	1.000	843
5.							

NO.	P _t	Temp. °R	T _p	Z	Gas Liquid Hydrocarbon Ratio	A.P.I. Gravity of Liquid Hydrocarbons	Specific Gravity Separator Gas	Specific Gravity Flowing Fluid	Critical Pressure	Critical Temperature
1.										
2.										
3.										
4.										
5.										

P_c 872 P_c² 760384

NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²
1.				
2.				
3.	5625	127	16116	744268
4.				
5.				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.02165$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0184$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 858$

Absolute Open Flow 858 Mcld @ 15.025 Angle of Slope @ .85

Remarks: Well flowed estimated 6Bbl of load water

Approved By Division	Conducted By: P.D.Berhost	Calculated By: P.D.Berhost	Checked By:
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0381330

DEPT. OF COM. DIA
1200