

AUG 30 1990

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

OIL CON. DIV.
DIST. 3

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 8-17-90			
Company TEXACO INC.		Connection Not Connected			
Pool So. Blanco		Formation Pictured Cliff		Unit	
Completion Date 8-10-90		Total Depth 6225'		Plug Back TD 3300'	
Elevation 6730' DF		Farm or Lease Name Jicarilla B		Well No. 8	
Csq. Size 5.500	Wt. 15.5	d 4.950	Set At 6224	Perforations: From 2634 To 2707	
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 2694S.N.	Perforations: From Open To Ended	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single			Packer Set At 1460		County Rio Arriba
Producing Thru Tubing		Reservoir Temp. °F #		Mean Annual Temp. °F	
Baro. Press. - P _g 12.0		State N.M.			
L 2694	H 2694	Gg .690	% CO ₂	% N ₂	% H ₂ S
Prover 2"x6"x.750		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.		Temp. °F
SI	168 Hrs Shut in						757				
1.	2"x6"x.750						126	60			1st Hr
2.	2"x6"x.750						98	60			2nd Hr
3.	2"x6"x.750						83	60			3rd Hr
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	11.000		138	1.000	1.204	1.015	1855
2	11.000		110	1.000	1.204	1.000	1457
3	11.000		95	1.000	1.204	1.000	1258
4.							
5.							

NO.	P _t	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio <u>No Liquids</u> Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas <u>XXXXXXXXXX</u>
3.					Specific Gravity Flowing Fluid <u>XXXXXX</u>
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P _c 769 P _c ² 586756				
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²
1				
2				
3		104	10816	575940
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0188$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.278$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0160$

Absolute Open Flow <u>1.278</u> Mcfd @ 15.025	Angle of Slope ϕ _____	Slope, n <u>.85</u>
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Remarks: PW Taken From Spang Handbook

Approved By Division	Conducted By: Paul D Berhost	Calculated By: Paul D Berhost	Checked By:
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