

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 11-7-80			
Company TEXACO, INC.				Connection				
Pool BASIN DAKOTA				Formation DAKOTA				Unit
Completion Date 10-31-80		Total Depth 6278'		Plug Back TD 6225'		Elevation 5595' KB		Farm or Lease Name H. J. LOE "B" FEDERAL
Csg. Size 4.5"	Wt. 10.5#	d 3.927"	Set At 6278'	Perforations: From 6066' To 6179'		Well No. 3E		
Tbg. Size 2.375	Wt. 4.7#	d 1.995"	Set At 6184'	Perforations: From To		Unit Sec. Twp. Rge. O 23 29N 12W		
Type Well - Single - Bradenhead - G.G. or G.O. Multiple SINGLE					Packer Set At NONE		County SAN JUAN	
Producing Thru TUBING		Reservoir Temp. °F 163 @ 6278'		Mean Annual Temp. °F 50		Baro. Press. - P _a 12.2		State NEW MEXICO
L -	H -	Gg .673	% CO ₂ 0	% N ₂ 0	% H ₂ S 0	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. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI							749		749		SI 8 days
1.											
2.											
3.	2"		3/4"	20	-	70			250		3 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 Fg	Super. Comp. Factor, F _{pv}	Rate of Flow Q, Mcfd
1							
2							
3	11.00	-	262.2	0.9905	1.219	1.008	430
4							
5							

NO.	P _t	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
1						
2						
3	.048	530	1.39	.990	.673	X X X X X X X X
4						
5						

NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$
1						
2						
3	=	262.2	69	510	1.135	1.100
4						
5						

Absolute Open Flow 473 Mcfd @ 15.025		Angle of Slope θ .75	
Remarks:			

Approved By Commission:	Conducted By: C. TERRY HOBBS	Calculated By: C. TERRY HOBBS	Checked By:
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NMOCC(2) GLE ARM JHP