

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 10-30-80	
Company TEXACO, INC.				Connection		
Pool BLANCO MESAVERDE				Formation MESAVERDE		Unit
Completion Date 10-23-80		Total Depth 4940'		Plug Back TD 4900,		Elevation 5988 KB
Csg. Size 4.5 "	Wt. 10.5	d 3.927	Set At 4940'	Perforations: From 4159' To 4894'		Well No. 1A
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 4890	Perforations: From To		Unit D Sec. 36 Twp. 30N Rge. 10W
Type Well - Single - Bradenhead - G.G. or G.O. Multiple SINGLE				Packer Set At NONE		County SAN JUAN
Producing Thru TBG		Reservoir Temp. °F 127 4890		Mean Annual Temp. °F 50		Baro. Press. - P _a 12.2
State NEW MEX.						
L 4890	H 4890	G _g .707	% CO ₂ .90	% N ₂ .71	% 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. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI							954		954		7 days
1.											
2.											
3.	2"		.75"	210		99			764		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 Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	11.00		222.2	.9645	1.1893	1.047	2936
2.							
3.							
4.							
5.							

NO.	P _t	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 .707	XXXXXXX
3.	.33	559	1.46	.955	Specific Gravity Flowing Fluid XXXXX	XXXXXXX
4.					Critical Pressure 671 P.S.I.A.	P.S.I.A.
5.					Critical Temperature 382 R	R

P _c 966.2	P _c ² 933.5	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \underline{2.820}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{2.176}$
NO	P _t ²	P _w	P _w ²
1			
2			
3	776.2	602.5	331.0
4			
5			

Absolute Open Flow 6389 Mcfd @ 15.025		Angle of Slope θ	Slope, n .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