NEW MEXICO OIL CONSERVATION COMMSSION

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 7-1-65

Type Test: X Initial ☐ Annual ☐ Special				Test Date	
Company: TEXACO, Inc.		Connection			
Pool: Basin		Formation: Dakota		Unit	
Completion Date: 6-13-75	Total Depth: 6034' KB	Plug Back TD: 5912' KB	Elevation: 6428' GL	Farm or Lease Name: Navajo Allotees"T"	
Csg. Size: 5-9/16	Wt.: 15.63	d	Set At: 6032	Perforations: From 5875' To 5899'	Well No.: 2
Tbg. Size: 2.375	Wt.: 4.6	d: 1.995	Set At: 5800	Perforations: From 5800 To	Unit: K Sec.: 14 Twp.: 25N Rge.: 11W
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single			Packer Set At: --	County: San Juan	
Producing Thru: Tubing	Reservoir Temp. °F: 136 @ 6034	Mean Annual Temp. °F: 60	Baro. Press. – P_a	State: New Mexico	

L	H	Gg	% CO_2	% N_2	% H_2S	Prover	Meter Run	Taps
5800	5800	.65 est	--	--	--	--	3"	Flange

	FLOW DATA					TUBING DATA		CASING DATA		
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	Duration of Flow
SI						1834		1670		7 days
1.	3	1.75	508	43.56	80	715	--	953	-	3 hours
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	15.61	150.5	520	0.9813	1.240	1.067	3050
2							
3							
4							
5							

NO.	P_t	Temp. °R	T_r	Z
1				
2				
3.				
4				
5				

Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
Specific Gravity Separator Gas _____ XXXXXXXXXX
Specific Gravity Flowing Fluid _____ XXXXX
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____

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DIST. 3

P_c _____ P_c^2 _____

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1				
2				
3				
4				
5				

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

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

Absolute Open Flow _____ Mcfd @ 15.025 Angle of Slope θ _____ Slope, n 0.75

Remarks: Excess fluid production for AOF calculation.

Approved By Commission:	Conducted By: C. G. Hogue & W. E. Landry	Calculated By: W. E. Landry	Checked By:

NMOCC(2), GLE, ARM, CGH