NEW MEXICO OIL CONSERVATION COMMSSION

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test: [X] Initial [ ] Annual [ ] Special				Test Date: 4-23-80	
Company: Texaco Inc.		Connection:			
Pool: Blanco		Formation: Mesaverde			Unit:
Completion Date: 4-14-80	Total Depth: 5896		Plug Back TD: 5845	Elevation: 6219 KB	Farm or Lease Name: Wayne Moore Com
Csg. Size: 3 1/2 / Wt.: 9.2 / d: 2.992 / Set At: 5896			Perforations: From 4990 To 5738		Well No.: 1A
Tbg. Size: 2 1/16 / Wt.: 3.25 / d: 1.751 / Set At: 5736			Perforations: From To		Unit: P / Sec.: 16 / Twp.: 31N / Rge.: 9W
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single			Packer Set At: None		County: San Juan
Producing Thru: Tubing	Reservoir Temp. °F: 118 @ 5800	Mean Annual Temp. °F: 60	Baro. Press. – P_a: 12.2 psi		State: New Mexico

L	H	Gg	% CO_2	% N_2	% H_2S	Prover	Meter Run	Taps
5736	5738	.654	1.4	.3	-	-	3"	Flange

	FLOW DATA					TUBING DATA		CASING DATA		
NO.	Prover Line Size	X Orifice Size	Press. p.s.i.a.	Diff. h_w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	Duration of Flow
SI			627.2			615		615		8 days
1.	3	1 1/4	518.0	4.4	62	523		610		50 min.
2.	3	1 1/4	476.0	31.9	64	482		610		45 min.
3.	3	1 1/4	422.0	57.8	63	423		596		45 min.
4.	3	1 1/4	378.0	75.7	64	380		596		45 min.
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	7.615	47.74	518	.9981	1.237	1.054	473.1
2		123.2	476	.9962	1.237	1.048	1211.8
3		156.2	422	.9971	1.237	1.043	1530.0
4		169.2	378	.9962	1.237	1.038	1647.7
5							

NO.	P_t	Temp. °R	T_r	Z
1	.869	535	1.427	.895
2	.843	536	1.429	.902
3	.782	535	1.427	.906
4	.733	536	1.429	.913
5				

Gas Liquid Hydrocarbon Ratio: Not measured Mcf/bbl.
A.P.I. Gravity of Liquid Hydrocarbons: Not measured Deg.
Specific Gravity Separator Gas: XXXXXXXXX
Specific Gravity Flowing Fluid: XXXXX
Critical Pressure: P.S.I.A.
Critical Temperature: R

P_c 627.2 P_c^2 393.4 No. 4

NO	P_w	P_w^2	$P_c^2 - P_w^2$
1	286.4	295.0	98.4
2	244.1	301.0	92.4
3	189.4	280.9	112.5
4	153.8	260.7	132.7
5			

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.964$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 3.069$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n$ = 5.0 MMCFPD

RECEIVED
MAY 5 1980
OIL CON. COM.
DIST. 3

Absolute Open Flow: 5.0 MMCFPD Mcfd @ 15.025 Angle of Slope θ: 45.00 Slope, n: 1.0222

Remarks: First point erroneous due to fluid load on formation.

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	Hefta & Boxley	Hefta	

NMOCC(2) GLE-ARM-JHP