Submit in duplicate to appropriate district office
See Rule 401 & Rule 1122

State of New Mexico
Energy, Minerals and Natural Resources Department

RECEIVED
FEB 16 1993
O. C. D.

Form C-122
Revised 4-1-91

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Operator: AMOCO PRODUCTION COMPANY		Lease or Unit Name: TELEDYNE 18	
Type Test: [X] Initial [ ] Annual [ ] Special		Test Date: 01/27/93	Well No.: 1
Completion Date: 1/18/93	Total Depth: 13,324	Plug Back TD: 13,284	Elevation: 2977 RDB
Unit Ltr. - Sec. - TWP - Rge.: 18 23S 29E			
Csg. Size: 7 5/8"	Wt.: 17.93	d:	Set At: 11406
Perforations: From: 12816 To: 12860			
County: EDDY			
Tbg. Size: 2 7/8" / 2 3/8"	Wt.: 8.7 / 4.7	d: 2.441 / 1.995	Set At: 11006 / 12693
Perforations: From: OPEN To: ENDED			
Pool: LAGUNA SALADO			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple: DUAL COMPLETION		Packer Set At: 12684	
Formation: MORROW & ATOKA			
Producing Thru: TBG	Reservoir Temp. °F: 202@12823	Mean Annual Temp. °F: 60°	Baro. Press - P_a: 13.2
Connection: EPNG CO.			
L: **12823	H: 12823	Gg: .584	% CO_2: 1.13
% N_2: .18	% H_2S:	Prover:	Meter Run: 6.065
Taps: FLG			

	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							3565		PKR		24 HRS
1.	6	*	2.50	54.4	4.00	41	3390		"		1 HR
2.	6	*	2.50	65.2	17.64	26	2992		"		1 HR
3.	6	*	2.50	95.7	38.44	25	2205		"		1 HR
4.	6	*	2.50	109.3	57.76	23	1300		"		1 HR
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, F pv.	Rate of Flow Q, Mcfd
1.	30.31	16.44	67.60	1.019	1.309	1.006	669
2.	30.31	37.18	78.40	1.034	1.309	1.007	1536
3.	30.31	64.70	108.90	1.035	1.309	1.007	2674
4.	30.31	84.11	122.50	1.038	1.309	1.007	3490
5.							

NO.	P_r	Temp. °R	T_r	Z
1.	.10	501	1.43	.988
2.	.11	486	1.39	.987
3.	.16	485	1.38	.987
4.	.18	483	1.38	.987
5.				

Gas Liquid Hydrocarbon Ratio: DRY GAS Mcf/bbl.
A.P.I. Gravity of Liquid Hydrocarbons: DRY Deg.
Specific Gravity Separator Gas: .584 XXXXXXXXX
Specific Gravity Flowing Fluid: XXXXX
Critical Pressure: *676 P.S.I.A. P.S.I.A.
Critical Temperature: *349 R R

P_c 3609.6 P_c^2 13029.2

NO.	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1.		3445.1	11868.7	1160.5
2.		3076.5	9464.8	3564.4
3.		2327.4	5416.7	7612.5
4.		1485.2	2205.8	10823.4
5.				

1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.204$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.148$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 4.006$

Absolute Open Flow: 4,006 Mcfd @ 15.025
Angle of Slope θ: 53.5
Slope, n: .745

Remarks: NO FLUID PRODUCED DURING TEST. * CORRECTED TO 1.13% CO2.
** BHP INSTRUMENT SET @ 12,823

Approved By Division	Conducted By:	Calculated By:	Checked By:
	JOHN WEST ENG. CO.	GW	BM