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

State of New Mexico
Energy, Minerals and Natural Resources Depart.

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: OXY USA Inc.	16696		Lease or Unit Name: T-BIRD STATE 30	017933	
Type Test: [X] Initial [ ] Annual [ ] Special			Test Date: 3-16-96	Well No.: 1	
Completion Date: 2-1-96	Total Depth: 11,405	Plug Back TD: 11,362	Elevation:	Unit Ltr. - Sec. - TWP - Rge.: O-19S-29E	
Csg. Size: 5½ / Wt.: 17# / d: 4.892 / Set At: 11,405		Perforations: From: 10,863	To: 11,133	County: EDDY	
Tbg. Size: 2 3/8 / Wt.: 4.7 / d: 1.995 / Set At: 10,783		Perforations: From:	To:	Pool: 082600 Parkway Morrow, West	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple: single		Packer Set At: 10,783		Formation: MORROW	
Producing Thru: TBG	Reservoir Temp. °F: 181.8	Mean Annual Temp. °F: 60	Baro. Press - P_a: 13.2	Connection: SALES	
L: 10783 / H: 10782	Gg: .649	% CO_2: .52	% N_2: .83	% H_2S:	Prover: -0- / Meter Run: 4.026 / Taps: Flg.

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OIL CON. DIV.
DIST. 2

FLOW DATA / TUBING DATA / CASING DATA

NO.	Prover Line Size X Orifice Size	Press. p.s.i.g.	Diff. h_w	Temp. °F	Tubing Press. p.s.i.g.	Tubing Temp. °F	Casing Press. p.s.i.g.	Casing Temp. °F	Duration of Flow
SI					2400				
1.	4.026 X 1.000	345.8	60	45	1925	70	pkr.		1 hr
2.	4.026 X 1.000	346.8	55	77	1500	70	"		1 hr
3.	4.026 X 1.000	350.8	84	73	1180	71	"		1 hr
4.	4.026 X 1.000	353.8	80	88	940	72	"		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, Fpv.	Rate of Flow Q, Mcfd
1.							947
2.	READING FROM ELECTRONIC TOTAL FLOW						887
3.							1026
4.							1071
5.							

NO.	P_r	Temp. °R	T_r	Z
1.	.533	505	1.353	.922
2.	.534	537	1.439	.937
3.	.540	533	1.428	.933
4.	.545	548	1.469	.939
5.				

Gas Liquid Hydrocarbon Ratio: N/A Mcf/bbl.
A.P.I. Gravity of Liquid Hydrocarbons: N/A Deg.
Specific Gravity Separator Gas: .649 XXXXXXXXX
Specific Gravity Flowing Fluid: N/A XXXXX
Critical Pressure: 673 P.S.I.A. P.S.I.A.
Critical Temperature: 373 R R

P_c 2413.2 P_c^2 5823.5

NO.	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1.	3756.6	1945.4	3784.5	2039.1
2.	2289.8	1521.4	2314.7	3508.8
3.	1423.7	1207.6	1458.3	4365.2
4.	908.6	973.4	947.6	4875.9
5.				

1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.856$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.688$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.598$

Absolute Open Flow: 1.598 Mcfd @ 15.025 | Angle of Slope θ: 63.5 | Slope, n: .499

Remarks:

Approved By Division	Conducted By:	Calculated By:	Checked By:
	PRO WELL TESTER	MB	BM

MAY 1[illegible] 1996