## TABULATION OF DEVIATION TESTS

DEC 0 6 1990

\* \* AMOCO PRODUCTION COMPANY \* \*

OIL CON. DIV. DIST. 3

<u>DEPTH</u> <u>DEVIATION</u> <u>DEPTH</u> <u>DEVIATION</u>	[					
<u>247' .25°75°</u>	• •					
1249' 1.25° 1626' 1.00°	• •					
2199' 1.25°	•					
<u> </u>						
<u>AFFIDAVIT</u>						
THIS IS TO CERTIFY that to the best of my knowledge, the above tabulation details the deviation tests taken on AMOCO PRODUCTION COMPANY'S:						
Florance Y #3						
1740' FNL, 1550' FEL, SW/NE						
Sec. 31, T30N-R8W, San Juan, N. M.						
Signed July June do Title St. Stuff aux	•					
THE STATE OF COLORADO )						
) SS. COUNTY OF DENVER )						
BEFORE ME, the undersigned authority, on this day person appeared	Asst.					
person whose name is subscribed to the above statement, who, being by me dully sworn on oath, states that he has knowledge of the facts stated herein and that said statement is true and correct.						
SUBSCRIBED AND SWORN to before me, a Notary Public in an said County and State this 4 day of December	d for ,19 <u>90</u> .					
Quelie a Victor						

Notary Public

My Commission Expires: \_\_\_\_

1.01m 2100-4 i orm approved. (November 1983) Budget Bureau No. 1004-0137 UNITED STATES SUBMIT IN DUPLICATE\* (form'tiy 9-330) Expires August 31, 1985 (See other In--DEPARTMENT OF THE INTERIOR structions on reverse side) 5. LEASE DESIGNATION AND SERIAL NO. BUREAU OF LAND MANAGEMEN SF-079511-A WELL COMPLETION OR RECOMPLETION REPORT AND LOG\* 6. IF INDIAN, ALLOTTEE OR TRIBE NAME 1a. TYPE OF WELL: OIL WELL WELL X Coal Seam DILY 7. UNIT AGREEMENT NAME b. TYPE OF COMPLETION: 1:30 NEW X WORK OVER DEED. BACK RESVR. S. FARM OR LEASE NAME Other 2. NAME OF OPERATOR Remance Y' Amoco Production Company Attn: John Hampton 9. WELL NO P.O. Box 800, Denver, Colorado 80201
4. LOCATION OF WELL (Report location clearly and in accordance to 10. FIELD AND POOL, OR WILDCAT dry State requirements) Basin Fruitland Coal Gas 1740' FNL, 1550' FEL, SW/NE JAN1 4 1991 11. SEC., T., R., M., OR BLOCK AND SURVEY At top prod. interval reported below OIL CON. DIV. Sec. 31, T30N-R8W At total depth DIST, 3 ISSUED 14. PERMIT NO. 12. COUNTY OR PARISH 13. STATE 7/5/90 30 045 27988 San Juan New Mexico 15. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 19. ELEV. CASINGHEAD 8/17/90 8/21/90 11/9/90 5985' 20. TOTAL DEPTH, MD A TVD 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS HOW MANY 2820' ves no 24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD). 25. WAS DIRECTIONAL SURVEY MADE 2454'-2617' Fruitland Coal no 26. TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORED Gr, CCL CASING RECORD (Report all strings set in well) CASING SIZE WEIGHT, LB./FT. DEPTH SET (MD) HOLE SIZE CEMENTING RECORD AMOUNT PULLED 8 5/8" 23# 277 121/2" 180sxs Cl G ashcroft Π 53," 17# 2871' 7 7/8" 1st stg)50sx Cl B howco, 0 W/200 sx Cl howco. 2nd stg)500sx Cl B 1931' DV tool howco CACL2 W/60sx Cl B hewco 29 LINER RECORD 30. TUBING RECORD BIZE TOP (MD) BOTTOM (MD) SACKS CEMENT SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD) 3/8" 2507' 31. PERFORATION RECORD (Interval, size and number) ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED See Attached See Attached 33 PRODUCTION DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) WELL STATUS (Producing or shut-in) 10/24/90 Flowing SI/WO/Pipeline DATE OF TEST HOURS TESTED CHOKE BIZE PROD'N. FOR OIL -BBL. GAS---MCF. WATER-BBL. GAS-OIL RATIO TEST PERIOD 11/9/90 24 42/64 479 FLOW. TUBING PRESS. CASING PRESSURE CALCULATED OIL .... BBL. GAS-MCF. OIL GRAVITY-API (CORR.) ACCEPTED FOR RECORD 400 ß 479 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) JAN 09 1991 To be sold 35. LIST OF ATTACHMENTS FARMINGTON RESOURCE AREA Cement Reports, Perf and Frac info. 36. I bereby certify that the foregoing and attached information is complete and correct as determined from all avanta TITLE St Staff Admin. Supv. SIGNED DATE

\*(See Instructions and Spaces for Additional Data on Reverse Side)

	)P	TRUE VERT, DEPTH	,	
38. GEOLOGIC MARKERS	TOP	MEAS, DEPTH	2361'	
		NAME	Fruitland Pictured Cliffs	
used, time toot open, trowing and shut-in pressures, and	DESCRIPTION, CONTENTS, ETC.			
drill-stem, tests, including depth interval tested, cusnion used, time recoveries):	BOTTOM			
cluding depth into	TOP			
drill-stem, tests, in recoveries):	FORMATION			

Perf: 10/19/90
2454'-2456', W/4 JSPF, .41" diam., 8 shots open.
2478'-2480', W/4 JSPF, .41" diam., 8 shots open.
2506'-2520', W/4 JSPF, .41" diam., 56 shots open.
2534'-2549', W/4 SJPF, .41" diam., 60 shots open.
2569'-2577', W/4 JSPF, .41" diam., 32 shots open.
2615'-2617', W/4 JSPF, .41" diam., 8 shots open.

Frac: 10/22/90

Frac down casing with 115416 gals slick water, 12,900 40/70 sn, 17100  $\parallel$  20/40 sn, when Hydraulic line failed, overflushed with 2772 gals slick water, re-Trac on 10/23/90, frac down casing with 134224 gals slick water, 12900  $\parallel$  40/70 sn, 82164 20/40 sn, flush with 2226 gals slick water, AIR 86BPM, AIP 2900psi.