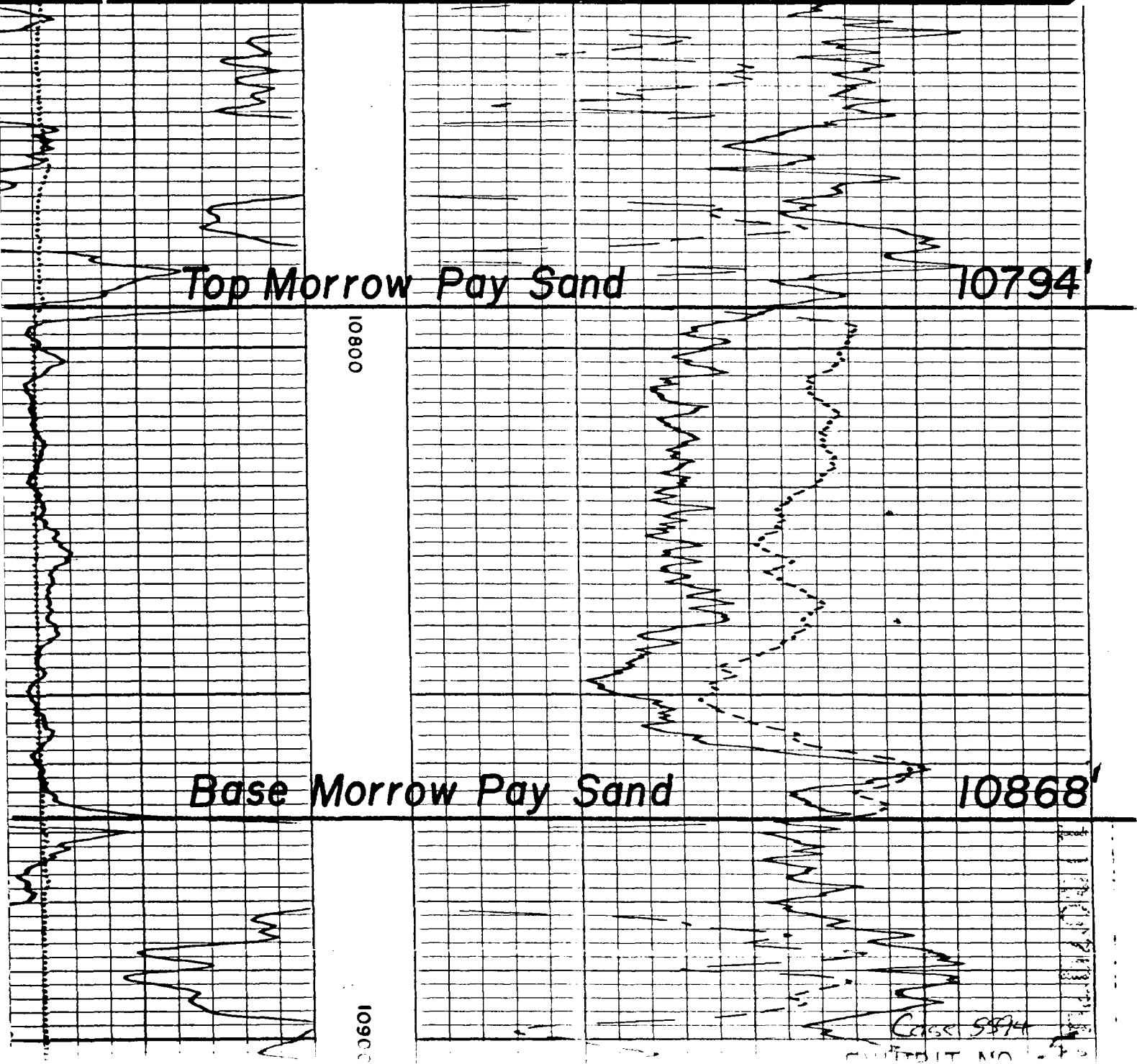




COMPANY AMOCO PRODUCTION COMPANY		WELL EMPIRE, SOUTH DEEP UNIT #5	
FIELD EMPIRE, SOUTH (MORROW)		COUNTY EDDY STATE NEW MEXICO	
Permanent Datum: G.L. 3640		Elev.: K.B. 3658	
Log Measured From K.B. 18 Ft. Above Perm. Datum		D.F. 3657	
Drilling Measured From K.B.		G.L. 3640	
API SERIAL NO 31		TWP 17-S RANGE 29-E	
LOCATION 1980' FNL & 2180' FEL		Other Services: DLL, PML	
Date 11-1-74		Run No. ONE	
Depth-Driller 10968		Depth-Logger 10968	
Btm. Log Interval 10967		Top Log Interval SURF	
Casing-Driller 8 5/8 @ 2825		Casing-Logger @	
Bit Size 7 7/8		Type Fluid in Hole KCL MUD	
Dens. 9		Visc. 36	
pH 8.5		Fluid Loss 18 ml	
Source of Sample CIRC		Rm @ Meas. Temp. 088 @ 70 F	
Rmf @ Meas. Temp. 078 @ 70 F		Rmc @ Meas. Temp. @ F	
Source: Rmf Rmc		Rm @ BHT 044 @ 147 F	
Circulation Stopped 0500 (10-31)		Logger on Bottom 1900 (11-1)	
Max. Rec. Temp. 147 F		Equip. Location 3721 HOBBS	
Recorded By JACKSON		Witnessed By Mr. DIETRICH	