SCHLUMBERGER INDUCTION-ELECTRICAL LOG

SCHLUMBERGER WELL SURVEYING CORPORATION
Houston, Texas

COMPANY APACHE CORPORATION

WELL STATE # 1

FIELD N E MALJAMAR UNIT

LOCATION SEC. 31-16S-33E

COUNTY LEA

STATE NEW MEXICO

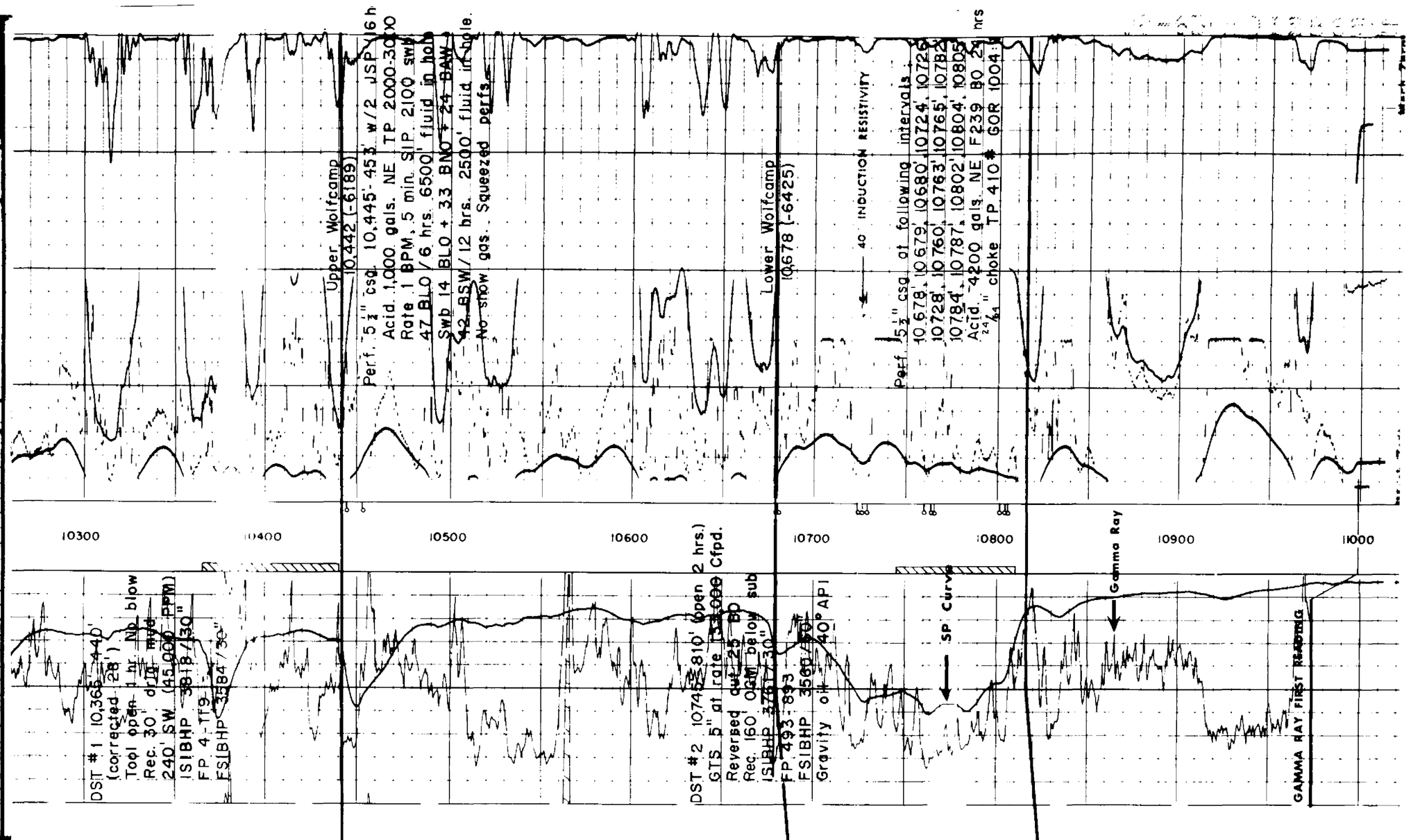
Other Surveys: SGR, ML

Location of Well: 1980' FROM N/L, 1980' FROM E/L

Elevation: D.F.: 4253, K.B.: 4254, or G.L.:

FILING No.

N No	ONE				
	6-24-63				
Reading	10999				
Reading	4447				
Measured	6552				
Schlum.	4447				
Driller	4450				
Reached	11000				
m Driller	11000				
Datum	KB				
Nat.	CHEM				
Visc.	8.9 40				
Resist.	1.47 @ 87 °F	@ F	@ F	@ F	@ °F
Res. BHT	.95 @ 136 °F	@ F	@ F	@ F	@ °F
Rmf (M)	1.03 @ 76 °F	@ F	@ F	@ F	@ F
Rmc	3.5 @ 85 °F	@ F	@ F	@ F	@ F
pH	9 @ F	@ F	@ F	@ F	@ F
Wtr. Loss	9.6 CC 30 min.	CC 30 min.	CC 30 min.	CC 30 min.	CC 30 min.
Bit Size	7 7/8"				
Spacing AM	16"				
MN	35'				
IND.	6FF40				
Rig Time	4 HOURS				
No.	2519-HOBB$				
Recorded By	WILSON				
Witness	BLACK				



SCHLUMBERGER INDUCTION-ELECTRICAL LOG

SCHLUMBERGER WELL SURVEYING CORPORATION
Houston, Texas

COUNTY LEA
FIELD or LOCATION WEST KEMNITZ
WELL MALJAMAR N. STATE UNIT
COMPANY APACHE CORPORATION

COMPANY APACHE CORPORATION

WELL MALJAMAR NORTH STATE UNIT #2

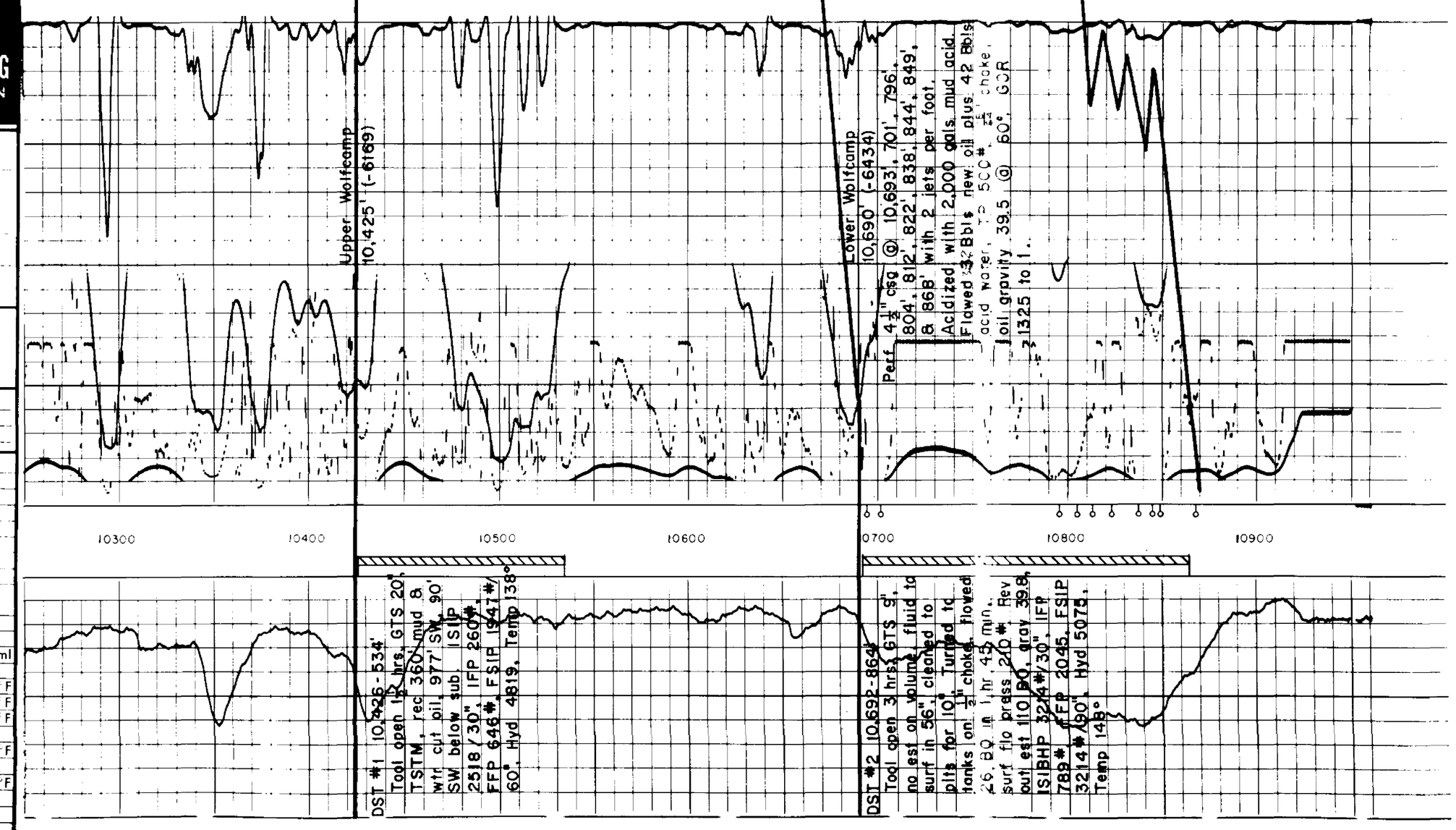
FIELD WEST KEMNITZ

COUNTY LEA STATE NEW MEXICO

LOCATION 1980' FWL, 1780' FSL
Sec. 31 Twp. 16 S Rge. 33 E

Other Services: GRS, ML

Permanent Datum: GROUND LEVEL, Elev. 4243
Log Measured From K.B., 13 Ft. Above Perm. Datum
Drilling Measured From K.B.

Elev.: K.B. 4256, D.F. 4255, G.L. 4243

Date	ONE				
Run No.	6-24-64				
Depth—Driller	10925				
Depth—Logger	10925				
Btm. Log Interval	10924				
Top Log Interval	4431				
Casing—Driller	4430 @	@	@	@	
Casing—Logger	4431				
Bit Size	7 7/8"				
Type Fluid in Hole	CHEM-GEL				
Dens. / Visc.	8.9 / 42				
pH / Fluid Loss	7.5 / 12 ml	ml	ml	ml	
Source of Sample	CIRCULATED				
R_m @ Meas. Temp	.68 @ 95 °F	@ °F	@ °F	@ °F	
R_{mf} @ Meas. Temp	.52 @ 100 °F	@ °F	@ °F	@ °F	
R_{mc} @ Meas. Temp	.97 @ 100 °F	@ °F	@ °F	@ °F	
Source R_{mf} R_{mc}	M / M				
R_m @ BHT	.46 @ 142 °F	@ °F	@ °F	@ °F	
Time Since Circ.	6 HRS.				
Max. Rec. Temp.	°F	°F	°F	°F	
Equip. / Location	2580 / KERMIT				
Recorded By	SEGARS				
Witnessed By	BLACK-SHANNON