COMPANY LOS ANGELES
WELL
FIELD WILMINGTON
COUNTY
STATE CALIFORNIA
LOCATION: OTHER SERVICES:

COMPANY SUN OIL COMPANY

WELL TRACT 5-2

FIELD WILMINGTON

COUNTY LOS ANGELES STATE CALIFORNIA

DUAL INDUCTION - LATEROLOG

Schlumberger

Elevations: K.B. 34'
D.F.
G.L. 10'

Permanent Datum: GROUND LEVEL
Log Measured From: K.B. 34' Above Perm. Datum
Drilling Measured From: K.B.

Date	7-10-57		
Run No.	ONE		
Depth-Driller	10000		
Depth-Logger	10000		
Bottom Logged Interval	9999		
Top Logged Interval	1000		
Type Fluid in Hole	OIL		
Salinity, P.P.M. Cl	30		
Density	10.1		
Level	FULL		
Max. Rec. Temp. Deg. F.	220		
Operating Rig Time	24		
Recorded By	HOLLOWAY		
Witnessed By	MR. SMITH		

Run No.	ONE			
Bit From	1000			
Bit To	10000			
Size	7 7/8			
Type	REED			
Weight Mud	10.1			
Viscosity	40			
Fluid Loss	6.4			
Source Sample	FLOWLINE			
R @ Meas. Temp.	.52 @ 70			
R_mf @ Meas. Temp.	.38 @ 70			
R_mc @ Meas. Temp.	.68 @ 70			
R @ BHT	.22 @ 220			
R_mf @ BHT	.16 @ 220			
R_mc @ BHT	.32 @ 220			
Rm @ Meas. Temp.	.52 @ 70			
Rm @ BHT	.22 @ 220			
Time Since Circ.	6 HRS.			
Max. Rec. Temp.	220			
Equip. Location	1-1			
Recorded By	HOLLOWAY			
Witnessed By	MR. SMITH			

CASING RECORD

	Size	Wgt.	Grade	Type Joint	Depth	Bottom	Top
Surface String	10 3/4	32.75	H-40		1000	1000	SURF.
Prod. String	7	23	N-80		10000	10000	1000
Liner							
Liner							

Hole Size: 7 7/8 from 1000 to 10000

Remarks: Service Order No. - 16292

RUN ONE: CIRCULATED ON STOPPED - 0600
LOGGED ON BOTTOM - 0800

USING CALIPER READING EFFECTED BY MUD CAKE AND BIT TWIRLS

This well name, location and borehole reference data were furnished by the customer.

CHANNELS RECORDED ON ADDITIONAL SAMPLES

Channel	Sample No.	Depth
Tape Run No.		

Item	Thru		
	Thru		
Name of Sample			
Rm @ Meas. Temp.	@	=	Ω
Rmf @ Meas. Temp.	@	=	Ω
Rmc @ Meas. Temp.	@	=	Ω
R @ BHT	@	=	Ω
Rmf @ BHT	@	=	Ω
Rmc @ BHT	@	=	Ω

EQUIPMENT DATA

	Run	Run
Recorded By	HOLLOWAY	
Witnessed By	MR. SMITH	
Unit No.	DC-1 DC-2	
Cart No.	DC-2 DC-1	
Base No.	DC-2 DC-1	
Sonic Serial No.	1187	DC-1376
DA Cart No.	----	DC-75
DA Base No.	----	DC-75
DA No.	----	1187
Case Sonic	USED	USED
Sonic Eff.	.68	----
Sonic Spacing	3	----
Sonic T.D.R.	NO	NO
Mic-C	2551	----

CALIBRATION DATA

CALIBRATION	RECORDING	SOURCE	DAILY CHECK	BEFORE TAPE	AFTER TAPE	TIME
	ON	DIVISION	FOR FULL	BEFORE	CORRECTION	
GAMMA RAY	120	560	----	50-150	50-150	1 RUN TWO ONLY

All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to Clause 7 of our General Terms and Conditions as set out in our current Price Schedule.

SPONTANEOUS POTENTIAL
MILLIVOLTS

CALIPER
DIAM. IN INCHES

RESISTIVITY
OHMS AT M

DEEP INDUCTION LOG

MEDIUM INDUCTION LOG

LATEROLOG - 8

Base Gamma Ray

Caliper Curve

Mech. Bott. Hole

Fm. Change

Fm. Change

Fm. Change