COMPANY: CONTINENTAL OIL COMPANY	
WELL: UNITED CALIFORNIA No. 4	
FIELD: GAY CANYON	
COUNTY: SANTA BARBARA	STATE: CALIF.
LOCATION: 660' FSL & 1980' FEL	
SEC. 4	TWP. 5N
RGE. 19W	
Other Services:	
Permanent Datum: GROUND LEVEL	Elev.:
Log Measured From: KB	16 Ft. Above Perm. Datum
Drilling Measured From: KB	
Date: 10-15-57	
Run No. ONE	
Depth-Driller: 3100	
Depth-Logger: 3100	
Bottom Log Interval: 3100	
Top Log Interval: SURFACE	
Casing-Driller: 13 3/8" @ 1000'	
Casing-Logger:	
Bit Size: 12 1/4"	
Type Fluid in Hole: DRILLING MUD	
Density: 9.8	Viscosity: 45
pH: 10.5	Fluid Loss: 4.8
Source of Sample: CIRCULATION	
Rm @ Meas. Temp.: .75 @ 75°F	
Rmf @ Meas. Temp.: .60 @ 75°F	
Rmc @ Meas. Temp.: .90 @ 75°F	
Source: Rmf Rmc	
Rm @ BHT: .45 @ 150°F	
Time Since Circ.: 8 HRS.	
Max. Rec. Temp.: 150°F	
Equip. No.: 1-1-1	
Location:	
Recorded By: J. CARDIA	
Witnessed By: J. LEGLER	

WELEX — A Division of Litton Industries

ELECTRIC LOG

COMPANY: Integrated Production Services LLC

WELL: UNITED CALIFORNIA No. 4

FIELD: GAY CANYON

COUNTY: SANTA BARBARA

STATE: CALIFORNIA

Other Services:

Permanent Datum: GROUND LEVEL

Elev.: 0

Log Measured From: KB 16 Ft. Above Perm. Datum

Drilling Measured From: KB

Run No.	Date	Depth-Driller	Depth-Logger	Bottom Log Interval	Top Log Interval	Casing-Driller	Casing-Logger	Bit Size
ONE	10-15-57	3100	3100	3100	SURFACE	13 3/8" @ 1000'		12 1/4"

Run No.	Type Fluid in Hole	Density	Viscosity	pH	Fluid Loss	Source of Sample	Rm @ Meas. Temp.	Rmf @ Meas. Temp.	Rmc @ Meas. Temp.	Rm @ BHT	Time Since Circ.	Max. Rec. Temp.	Equip. No.	Location	Recorded By	Witnessed By
ONE	DRILLING MUD	9.8	45	10.5	4.8	CIRCULATION	.75 @ 75°F	.60 @ 75°F	.90 @ 75°F	.45 @ 150°F	8 HRS.	150°F	1-1-1		J. CARDIA	J. LEGLER

Scale Changes

Run No.	Time	Depth	Scale Before Value	Scale After Value

Remarks: Run Type or Additional Remarks

Run	Remarks
ONE	

Equipment Data

Run No.	Equip. No.	Type	Serial No.	Position	Depth	Time	Recorded By	Witnessed By
ONE	1-1-1						J. CARDIA	J. LEGLER

Other

Run No.	Equipment	Time	Recorded By	Witnessed By

Equipment Data

Run No.	Equip. No.	Type	Serial No.	Position	Depth	Time	Recorded By	Witnessed By
ONE	1-1-1						J. CARDIA	J. LEGLER

Other

Run No.	Equipment	Time	Recorded By	Witnessed By

Equipment Data

Run No.	Equip. No.	Type	Serial No.	Position	Depth	Time	Recorded By	Witnessed By
ONE	1-1-1						J. CARDIA	J. LEGLER

Other

Run No.	Equipment	Time	Recorded By	Witnessed By

1" = 100'

POTENTIAL MILLIVOLTS — 0 — 10 — 20

Bot F.S. at 64 ft.

RESISTIVITY OHMS M²/M: 0 16" NORMAL 40; 400 — 0 16" LATERAL 40; 400

RESISTIVITY OHMS M²/M: 0 16" LATERAL 40; 400 — 0 16" AMPL. NORMAL 8; 400

0 16" LATERAL 40; 400

CASING "SHOE"

INDUCTION 40 / 1000 — 400 / 5000

CONDUCTIVITY M. MHOS/M: 0 / 1000

POTENTIAL MILLIVOLTS — RESISTIVITY OHMS M²/M — CONDUCTIVITY M. MHOS/M

CONTINENTAL OIL COMPANY
UNITED CALIFORNIA No. 4
GAY CANYON FIELD
SANTA BARBARA COUNTY, CALIFORNIA

I.D. 1000ft 2750°
I.D. 2000ft 2755°
I.D. 3100ft 2760°

LEGLER / JAN. 2010