SCHLUMBERGER

COMPANY Shell Oil Co.

WELL 144-4-5 No. 3-E

FIELD Vernon A rea

COUNTY Ventura STATE California

Other Services: Induction Electrical Log

Sec. 4 Twp. 3S Rge. 14W

Elev.: K.B. 1100 ft. above Perm. Datum

Log Measured from 20 ft. above Perm. Datum

Drilling Measured from K.B.

Date	8-14-57		
Run No.	75	Depth-Driller	1000
Depth-Logger	1000	Depth Logged Int.	1000
Top Log Int.	Surface	Casing-Driller	20 @ Surface
Casing-Logger	20	Bit Size	14 3/4
Type Fluid in Hole	Water Mud	Dens.	
Visc.		pH	
Fluid Loss		Source of Sample	Circulation
Rm @ Meas. Temp.	.5 @ 75°	Rmf @ Meas. Temp.	.5 @ 75°
Rmc @ Meas. Temp.	.5 @ 75°	Source: Rmf	Rmc
Rm @ BHT	.5 @ 75°	Time Since Circ.	5 hrs.
Max. Rec. Temp.	75°	Equip. No.	5300
Location	Ventura	Recorded by	Gaddis
Witnessed by	Mr. Gaddis		

Gamma Ray-Neutron

Gamma Ray

Run No.	2nd
Tool Model No.	4-1/8
Diameter	4 1/8
Det's Model No.	DL-20
Type	Scintillation
Length	70"
Dist. to N. Source	30"

Neutron

Run No.	2nd
Log Type	Neutron Gamma-Induced
Tool Model No.	DN-10
Diameter	4 1/8
Det's Model No.	DL-10
Type	Geiger Mueller
Length	70"
Source Holder Model No.	NS-6
Serial No.	
Spacing	19.5"
Type	Ra-Be
Strength	5 Curies

Gamma Ray

Hand Truck No.	7844
Scl. Truck No.	7844
Tool Serial No.	
Location	Wilmington

LOGGING DATA

Gamma Ray

Run No.	General Depth From	To	Speed ft/min.	T.C. Sec.	Sens. Settings	Zero Div. L or R	API GR Units per Log Div.
2	816	30	1800	.5	100	0	16

Neutron

Run No.	General Depth From	To	Speed ft/min.	T.C. Sec.	Sens. Settings	Zero Div. L or R	API N. Units per Log Div.
2	816	30	1800	.5	20	8.6	20

Reference Literature:

Remarks:

GAMMA RAY API UNITS 0 160 160 320

SCALES

NEUTRON API UNITS 300 900 1200

Tg in for position
1.55 Divisions
at 2000 API Units/track
200' sensitivity

Tg in Near position
0.75 Divisions
at 2000 API Units
per track
200' sensitivity

Gamma Ray Background
270 counts/second
Sens. 500

Gamma Ray Calibration at
200 API Units
per track
200' Sens.
576 counts/second

Neutron Background