SCHLUMBERGER WELL SURVEYING CORPORATION

Gamma Ray

COMPANY: Gulf Refining Co.

WELL: Pete Zinser

FIELD: Dwight

LOCATION: 1-13 T-14 N R-5 E

COUNTY: Elko

STATE: Nevada

Location of Well

Elevation: D.F. 1115.5 ft. G.L. 1104.5 ft.

Permanent Datum: Ground Level

Log Measured from: Kelly Bushing

Drilling Measured from: Kelly Bushing

Date: 1-7-54

Run No.: One

Depth-Driller: 5000

Depth-Logger: 5000

Bottom Log Interval: 5000

Top Log Interval: 0

Casing-Driller: 9 5/8 @ 1000

Casing-Logger: 9 5/8 @ 1000

Bit Size: 8 3/4

Type Fluid in Hole: Water

Dens.: 8.4

Visc.: 28

pH: 8.0

Fluid Level: Full

Max. Rec. Temp.: 90°F

Estimated Cement Top: 0

Time Since Circ.: 24 hrs.

Time Since Last Log: 24 hrs.

Max. Rec. Temp.: 90°F

Equipment Location: Elko

Recorded by: Smith

Witnessed by: Mr. Gaddis

Run No.: One

Scale: 1" = 100'

Gamma Ray Calibrator Used: Yes

Gamma Ray Calibrator Value: 20 API units

Gamma Ray Scale: 0-100 API units

Gamma Ray Detector: Scintillation

Gamma Ray Tool: Type 1

Gamma Ray Tool Serial No.: 1

Recorded by: Smith

Witnessed by: Mr. Gaddis

Gulf Refining Co.

Pete Zinser

Dwight

Elko

Nevada

Gamma Ray

Gamma Ray Scale 0-100 API units

Gamma Ray Calibrator Value 20 API units

Gamma Ray Calibrator Used Yes

Gamma Ray Detector Scintillation

Gamma Ray Tool Type 1

Gamma Ray Tool Serial No. 1

Recorded by Smith

Witnessed by Mr. Gaddis

Run No. One

Scale 1" = 100'

Date 1-7-54

Depth-Driller 5000

Depth-Logger 5000

Bottom Log Interval 5000

Top Log Interval 0

Casing-Driller 9 5/8 @ 1000

Casing-Logger 9 5/8 @ 1000

Bit Size 8 3/4

Type Fluid in Hole Water

Dens. 8.4

Visc. 28

pH 8.0

Fluid Level Full

Max. Rec. Temp. 90°F

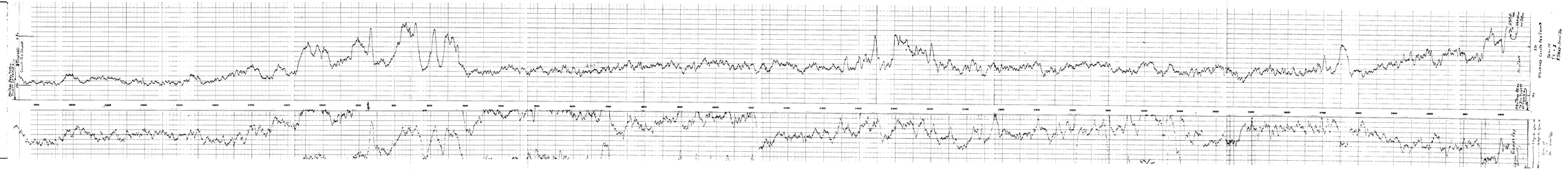
Estimated Cement Top 0

Time Since Circ. 24 hrs.

Time Since Last Log 24 hrs.

Max. Rec. Temp. 90°F

Equipment Location Elko

Recorded by Smith

Witnessed by Mr. Gaddis