GEARHART-OWEN

WIRELINE SERVICES

RUN NO. ONE

COMPANY CITIES SERVICE OIL & GAS CORPORATION

WELL CHERI #1

FIELD CHEYENNE LAKES (Rec)

COUNTY BEAVER STATE OKLAHOMA

LOCATION: SEC. 6 TWP. 2N RGE. 25W

Permanent Datum: GL Elev. 2,759.0 ft.

Log Measured From: KB 12.0 ft. Above Permanent Datum

Drilling Measured From: KB

Date: 9-25-77

Run No.: ONE

Depth-Driller: 13945

Depth-Logger: 13945

Top Logged Interval: 5000

Bottom Logged Interval: 13945

Type Fluid in Hole: OIL BASE

Salinity, PPM Cl: 15000

Density: 9.5

Viscosity: 55

Fluid Loss: 6.0

Source of Sample: FLOWLINE

Rm @ Meas. Temp.: .53 @ 147°F

Rmf @ Meas. Temp.: .47 @ 147°F

Rmc @ Meas. Temp.: .63 @ 147°F

Source: Rmf: FLOWLINE Rmc: FLOWLINE

Rm @ BHT: .23 @ 210°F

Rmf @ BHT: .19 @ 210°F

Rmc @ BHT: .29 @ 210°F

Circulation Stopped: 0600

Logger on Bottom: 0830

Max. Rec. Temp.: 210°F

Equip. No. and Location: 1015 LIBERAL

Recorded By: J. ANDERSON

Witnessed By: MR. KENNEDY

RUN NO. ONE

BOREHOLE RECORD

Bit No. 1

Type: TRI-CONE

Size: 7 7/8"

From: 5000

To: 13945

CASING RECORD

Size: 9 5/8"

Wgt.: 40#

Grade: N-80

From: SURF.

To: 5000

Size: 5 1/2"

Wgt.: 17#

Grade: P-110

From: 5000

To: 13945

TYPE JOINT: BUTT

DUAL INDUCTION LATEROLOG

DUAL COMPENSATED POROSITY LOG

BOREHOLE COMPENSATED SONIC LOG

CYBERLOOK

4 ARM CALIPER

Elev.: K.B. 2,771.0 ft.

G.L. 2,759.0 ft.

D.F. 2,770.0 ft.

Logging Engineer: R. SCHMIDT

Witness: MR. KENNEDY

Changes in Mud Type or Additional Samples:

Scale Changes

Date	Sample No.	Type Log	Depth	Scale Up Hole	Scale Down Hole

Depth-Driller

Type Fluid in Hole

Dens. Visc.

pH Fluid Loss cc cc

Source of Sample

Rm @ Meas. Temp. @ °F @ °F

Rmf @ Meas. Temp. @ °F @ °F

Rmc @ Meas. Temp. @ °F @ °F

Source: Rmf Rmc

Rm @ BHT @ °F @ °F

Rmf @ BHT @ °F @ °F

Rmc @ BHT @ °F @ °F

Equipment Data

Run No.	Tool Type	Tool Position	S. O.	Tool No.	Elec. No.	Panel No.	Other

Remarks:

FIELD PRINT

TEMPERATURE

125 225

-50 50

13 12 9-25-77 13945 1340.0 0051-05 0

01300

01200

01100

01000

00900

00800

00700

00600

Temperature

Temperature Curve

125 225

-50 50

12 46 9-25-77 13945 570.0 0051-05 0