

COUNTY EDDY
LOCATION EMPIRE S. MORROW
WELL EMPIRE SOUTH DEEP
UNIT #5
COMPANY AMOCO PROD. CO.

COMPANY AMOCO PRODUCTION COMPANY

WELL EMPIRE, SOUTH DEEP UNIT #5

FIELD EMPIRE, SOUTH MORROW

COUNTY EDDY STATE NEW MEXICO

LOCATION

1980' FNL & 2180' FEL

Other Services:

DLL

CNL-FDC-GR

PML

Sec. 31 Twp. 17-S Rge. 29-E

Permanent Datum:

G.L.

, Elev. 3640

Log Measured From K.B., 18 Ft. Above Perm. Datum

Drilling Measured From K.B.

Elev.: K.B. 3658

D.F. 3657

G.L. 3640

Date

11-1-74

Run No.

ONE

Depth—Driller

10968

Depth—Logger

10968

Btm. Log Interval

10966

Top Log Interval

10200

Casing—Driller

8 5/8

Casing—Logger

NA

Bit Size

7 7/8

Type Fluid in Hole

KCL MUD

Dens.

NA

pH

8.5

Fluid Loss

36

Source of Sample

CIRCULATED

R_m @ Meas. Temp.

.088 @ 70°F

R_{ml} @ Meas. Temp.

.078 @ 70°F

R_{mc} @ Meas. Temp.

NA @ 70°F

Source: R_{ml} R_{mc} MR_m @ BHT

.048 @ 127°F

Time Since Circ.

24 HOURS

Max. Rec. Temp.

127 °F

Equip. Location

3721 HOBBS

Recorded By

JACKSON - SMITH

Witnessed By

DIETRICH

Top Morrow Pay Sd.

10800

10796'

BLANKET
SAND ?

10828'

Base Morrow Pay Sd.

10900

10870'

BAR OR
CHANNEL SD. ?

Case 5594

EXHIBIT NO