

Schlumberger

POTENTIOMETER
COMPUTED
CONTINUOUS DIRECTIONAL

COUNTY LEA

FIELD or LOCATION DOLLARHIDE DEV.
WELL VANCE "30" #3

COMPANY HNG OIL COMPANY

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WELL VANCE "30" #3

FIELD DOLLARHIDE DEVONIAN

COUNTY LEA STATE NEW MEXICO

LOCATION 660' FSL & 990' FWL Other Services:

Sec. 30 Twp. 24-S Rge. 18-E

SNP

Permanent Datum: G.L. Elev. 3121
Log Measured From K.B. 13 Ft. Above Perm. Datum
Drilling Measured From K.B. Elev. 3121
D.F. 3133
G.L. 3121

Date 6-22-72

Run No. ONE

Depth—Driller 8215

Depth—Logger 8213

Btm. Log Interval 8211

Top Log Interval 6500

Casing—Driller 8 5/8 @ 3050

Casing—Logger -

Bit Size 7 7/8

Type Fluid in Hole FRESH WATER

Dens. Visc. 8.02 -

pH Fluid Loss 1.0 - ml

Source of Sample BHT

R_m @ Meas. Temp. 11 @ 82 °F

R_{mf} @ Meas. Temp. 11 @ 82 °F

R_{mc} @ Meas. Temp. - @ - °F

Source: R_{mf} R_{mc} M -

R_m @ BHT 07 @ 136 °F

Time Since Circ. 6 HOURS

Max. Rec. Temp. 136 °F

Equip. Location 7630 MONA °F

Recorded By FRAZIER, SMITH °F

Witnessed By HINSHAW °F

The well name, location and borehole reference data were furnished by the customer.

Changes in Mud Type or Additional Samples
Date Sample No.
Depth—Driller
Type Fluid in Hole

Run No. 1
Tool Type HDT-C
DCM No. F-719
Magnetic Declination 11° E

Dens. Visc.
ph Fluid Loss ml
Source of Sample
R_m @ Meas. Temp. @ °F
R_{mf} @ Meas. Temp. @ °F
R_{mc} @ Meas. Temp. @ °F
Source: R_{mf} R_{mc}
R_m @ BHT @ °F
R_{mf} @ BHT @ °F
R_{mc} @ BHT @ °F

Computed By CALCOMP
Plotted By 6050
Remarks --

"Any directional computations made from the dipmeter log must be regarded as approximate only. This is because the dipmeter log indicates the orientation of the instrument itself, rather than the direction and amount of the wall drift. Therefore, we do not and cannot guarantee the accuracy of such directional computations, and we shall not, except in the case of willful negligence on our part, be liable for any loss, costs, damages or expenses incurred or sustained that may result from any such computations."

GRAPH OF DIRECTIONAL LOG
ALL DIRECTIONS ARE FROM TRUE NORTH

Scale = 1" = 50'

Position of bottom of hole at DEPTH 8157 6.38 FEET SOUTH 324.50 FEET EAST
Position of bottom of hole at OR 324.57 FEET SOUTH 89 DEGREES EAST.
Position of bottom of hole at
Position of bottom of hole at

GRAPH

SURFACE LOCATION

MD=6500
TVD=6495
MD=7802
TVD=6997

MD=8157
TVD=8136

MD=8002
TVD=7987

LOCATION OF HOLE AT 6500 TAKEN FROM SPERRY SUN SURVEY

DEPTH

DRIFT
ANGLE

TRUE
BEARING

HORIZONTAL
DISTANCE

VERTICAL
DEPTH

DEPARTURE
(EAST +)
(WEST -)

LATITUDE.
(NORTH +)
(SOUTH -)

COORDINATES

X (EAST +)
(WEST -)

Y (NORTH +)
(SOUTH -)