Permit # 20001

Precision Well Perforators LLC
(816) 431-0910
RADIOACTIVITY LOG
Chillicothe, Missouri 64601

COMPANY: Dunne Equities Operating Inc.
WELL: Hughes #1-18
FIELD: Wildcat
COUNTY: Worth
STATE: Missouri
API #: 147-22007
LOCATION: 330' FNL & 330' FEL
SEC: 18
TWP: 65N
RGE: 28W
PERMANENT DATUM: Ground Level
ELEV.: K.B. 1003 ft.
D.F. 1002 ft.
G.L. 1000 ft.
LOG MEASURED FROM: K.B. 3 ft. above perm. datum
DRILLING MEASURED FROM: K.B.
DATE: 4-5-2004
RUN NO.: One
TYPE LOG: Gamma Ray Neutron
DEPTH-DRILLER: 950 ft.
DEPTH-LOGGER: 947 ft.
BTM. LOG INTERVAL: 947 ft.
TOP LOG INTERVAL: 0 ft.
CASING-DRILLER: 8 5/8" @ 20 ft.
CASING-LOGGER: 20 ft.
BIT SIZE: 6 3/4"
TYPE FLUID IN HOLE: Air
DENSITY: N/A
VISCOSITY: N/A
PH: N/A
FLUID LOSS: N/A
SOURCE OF SAMPLE: N/A
RM @ MEAS. TEMP.: N/A @ N/A
RMF @ MEAS. TEMP.: N/A @ N/A
RMC @ MEAS. TEMP.: N/A @ N/A
SOURCE OF RMF & RMC: N/A
RM @ BHT: N/A @ N/A
TIME SINCE CIRC.: 1 hr.
MAX. REC. TEMP.: 70°F
EQUIP. LOCATION: Chillicothe
RECORDED BY: Jay
WITNESSED BY: Bill Hughes

THIS READING ARE LOG CORRECTED TO API RP 33

EQUIPMENT DATA

GAMMA RAY				NEUTRON			
RUN NO.							
TOOL MODEL NO.							
DIAMETER							
DETECTOR MODEL NO							
S/N							
LENGTH							
DISTANCE TO N. SOURCE							
GENERAL							
MOBILE TRUCK NO.							
INSTRUMENT PACK NO.							
TOOL SERIAL NO.							

LOGGING DATA

Run NO.	GENERAL DEPTH FROM	TO	SPEED Ft/Min	CHANNEL NO. T.C SEC	SENS SETTINGS	GAMMA RAY ZERO API / DIV #	API & Units PER LOG DIV	NEUTRON T.C SEC	SENS SETTINGS	NEUTRON ZERO API / DIV #	API & Units PER LOG DIV
REFERENCE LITHOLOGY											
REMARKS											

GAMMA RAY — NEUTRON

API UNITS — DEPTH — API UNITS — CASING COLLARS

00
50
100
150
200
250
300
350
400
450
500
550
600
650
700
750
800
850
900
950

4/6/2004
Perforations: 913 ft. to 917 ft.
Elevation: 1002 ft. to 998 ft.
4 SPF

4/6/2004
Set CIBP @ 920 ft. for Bridge Plug at 900 ft.

4/6/2004
Perforations: 881 ft. to 885 ft.
Elevation: 1002 ft. to 998 ft.
4 SPF

T.D. 947 ft.

T.D. 950 ft.

Hughes #1-18
Dunne Equities Operating Inc.
April 5, 2004
Worth County, Missouri

18/64s/30w