COMPANY Shell Oil Company
WELL Test Hole (Morris) #155-C
FIELD W.C.
COUNTY Vernon STATE Mo.
LOCATION 265' N of 305' of NEC
Sec. 18 Twp. 34N Rge. 32W
Elev. K.B. 792
D.F.
G.L. 789

COUNTY
FIELD or LOCATION
WELL
COMPANY

Date 8-4-63
Depth-Driller 209
Depth-Logger 192
Bottom Log Interval 192
Casing-Driller 8 5/8" @ 20'
Casing-Logger
Bit Size 7 7/8"
Type Fluid in Hole Natural
Dens. —
Visc. —
pH 7.8
Fluid Loss —
Source of Sample Hearth
R_m @ Meas. Temp. .94 @ 67°F
R_mf @ Meas. Temp. .75 @ 67°F
R_mc @ Meas. Temp. .94 @ 67°F
Source: R_mf R_mc Hearth Hearth
R_m @ BHT .94 @ 67°F
R_mf @ BHT .75 @ 67°F
R_mc @ BHT .94 @ 67°F
Time Since Circ. 30 Min.
Max. Rec. Temp. 67°F
Equipment-Location 3075 Cha.
Recorded By Strickland
Witnessed By Cooper

Cased Hole or Open Hole Open
Run No. or Serial No. 1
Bit No. Manufacturer G.G.
Elev. K.B. 792
D.F.
G.L. 789
Ft. Above Perm. Datum

REMARKS

Changes in Mud Type or Additional Samples
Date | Sample No.
Depth-Driller
Type Fluid in Hole
Dens. | Visc.
pH | Fluid Loss ml ml
Source of Sample

R_m @ Meas. Temp.	@ °F	@ °F		
R_{mf} @ Meas. Temp.	@ °F	@ °F		
R_{mc} @ Meas. Temp.	@ °F	@ °F		
Source: R_{mf} R_{mc}				
R_m @ BHT	@ °F	@ °F		
R_{mf} @ BHT	@ °F	@ °F		
R_{mc} @ BHT	@ °F	@ °F		

Scale Changes

Type Log	Depth	Scale Up Hole	Scale Down Hole

Equipment Data

Run No.	Tool Type	Pad Type	Tool Pos.	Other

PM
Meas. Temp. 67
R_m @ 67 7.33 @ 67
R_{mf} : 3.55 @ 91 4.82 "
R_{mc} : 8.76 @ 91 11.9 "

RMT
Meas. Temp. 92
R_m @ 92 7.7 @ 67
R_{mf} 3.62 " 4.91 "
R_{mc} 8.95 " 12.2 "

TM

SPONTANEOUS POTENTIAL millivolts — Depth — RESISTIVITY ohms. m²/m (SHORT-NORMAL 14"-8") — RESISTIVITY ohms. m²/m (LONG-NORMAL)

18'8" LATERAL

V. Silty
Dk Brn, fine grained
Sl. Calc.
Arg.
UVF Porous well sorted — To Tail Sat.
UVF V. well sorted, Totally Sat. Bleeding Slightly
UVF To LF. Arg. h. Scale X Banding
UVF Porous V. well sorted, Total Sat. Bleeding
UVF, V. Porous, V. well sorted, grs consists ≤ 50% of Sat
Sh LT. med. grey, 1/8" Silt & Sand laminae @ ½ to 1" intervals
Crisp, Sl. Calcareous
Silty — [illegible]
UVF, Fair Poros, Poorly Sorted, Silty
UVF Porous well Sorted Total Sat.
Clean white Sandstone
UVF V. Porous V. well Sorted, Porous
LF, V. Porous well Sorted Porous
aa Slight Calc.
aa
M. Lime — No Chert

BJ 100 (13) Sd
Wsd 151 (639) (48)
NP Porosity
NP 171.2

Total Sat

Calb.
LAT.
NOR.