FORMATION LOG OF THE WELL OR TEST HOLE

t Hole 5/14/ 20 02 Finished 5/21 20 02 Test Hole Number 4

on NEPCO Well #4 Sec _____ TS _____ Range _____ Elevation

Total Depth	Thickness Each Stratum	Formation
0-15	15	Clay
15-39	24	Med Sand w/Gravel
39-190	151	Med to Hard Clay
190-250	60	Med to Fine Sand w/ Clay Streaks
250-310	60	Coarse to Med Sand
310-342	32	Med to Fine Sand w/ Clay Streaks
342-460	118	Coarse to Med Sand
460-565	105	Soft to Med Clay w/ Sand Lenses
565-588	23	Med to Fine Sand w/ Clay & Lignite
588-695	107	Soft to Med Clay w/ Small Gravels
695-776	81	Med Sand w/ Lignite
776-830	54	Fine Sand w/ Clay Layers
830-980	150	Med to Coarse Sand w/ Clay & Lignite
980-1239	259	Hard to Med Clay
1239-1375	136	Fine Sand w/ Clay Streaks
1375-1428	53	Fine Sand w/ Lots of Clay
1428-1460	32	Med to Coarse Sand w/ Clay
1460-1515	55	Coarse Sand w/ Lignite
1515-1553	38	Soft Med Clay

TOTAL DEPTH = 1553'

SAMPLES
1. 1241-1272
2. 1272-1303
3. 1303-1335
4. 1335-1360
5. 1366-1397
6. 1397-1428
7. 1428-1460
8. 1460-1491
9. 1491-1522

Total Depth	Thickness Each Stratum	Formation

Mud Pit Size _____ **Ft. X** _____ **Ft. X** _____ **Ft. Deep**
Type Bit Used to Cut Sand
Size of Test Hole Through Sand
Type of Bit Used to Cut Upper Formations
_____ **Size**
Type Mud Pump Used
Drilling Pressure in Sand
Type of Mud Used
Notes:

Test Data Final Test

Static Water Level	
Pumped GPM	
Pressure Pounds	
Draw Down	
GPFD	
Guaranteed GPM	
Guaranteed Pressure	
Date of Test	

REMARKS

RECEIVED
SEP 0 3 2002
BY: OLWR

Driller Kevin Mitchell

Field Supt Andrew Crawford