WELL SCHEDULE

U.S. DEPT. OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

Record by: LTS

State: OK

County: Newton

Local number: 5050214

Local use: ESCO CORP

Owner: IN

Ownership: County Fed Govt, City Corp or Co, Private, State Agency, Water Dist

Use of well: Aged, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed

DATA AVAILABLE: Field aquifer chart

Hyd. lab. data:

Qual. water data:

Freq. sampling: Pumpage inventory: yes, period: yes

Aperture cards:

Log data:

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD

Depth well:

Depths (feet): 4:7:7

Casing:

Type: 20

Finish:

Concrete, (per) Screen, Gallery, end:

Method:

Air bored, cable, dog, jetted, other:

Date:

Drilled: 9:7:0

Pump intake setting:

Driller: Terry Drig Co.

Lift:

Type: Deep

Power:

Type: Diesel, elec, gas, gasoline, hand, gas, wind

Descrip. MP:

Alt. LSD:

Water Level:

Date:

Drawdown:

QUALITY OF WATER DATA:

Sp. Conduct:

Taste, color, etc.

Other:

Method determined: 17:5

Accuracy: 20

Topo:

Accuracy: 151

Wells No. 55
<table>
<thead>
<tr>
<th>Landowner:</th>
<th>Description of formations encountered</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>Esco Newton Corp</td>
<td>Yellow Clay</td>
<td>0</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>Clay</td>
<td>12</td>
<td>96</td>
</tr>
<tr>
<td></td>
<td>Clay</td>
<td>96</td>
<td>160</td>
</tr>
<tr>
<td></td>
<td>Silt</td>
<td>160</td>
<td>215</td>
</tr>
<tr>
<td></td>
<td>Silt</td>
<td>215</td>
<td>260</td>
</tr>
<tr>
<td></td>
<td>Silt</td>
<td>260</td>
<td>300</td>
</tr>
<tr>
<td></td>
<td>Clay &amp; Loamy</td>
<td>300</td>
<td>420</td>
</tr>
<tr>
<td></td>
<td>Orange clay &amp; Sandy</td>
<td>420</td>
<td>438</td>
</tr>
<tr>
<td></td>
<td>Orange sandy</td>
<td>438</td>
<td>476</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Well Location:</th>
<th>Distance (miles)</th>
<th>Direction</th>
<th>Nearest town</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sec 23 T 6 R W</td>
<td>12</td>
<td>N</td>
<td>Newton, Miss</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Well Purpose:</th>
<th>Home, Irrigation, Municipal, Industrial</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>F</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Well Completion Data:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Diameter (inches)</td>
<td>10</td>
</tr>
<tr>
<td>Total depth (feet)</td>
<td>427</td>
</tr>
<tr>
<td>Static water level (feet) below top of ground</td>
<td>42</td>
</tr>
<tr>
<td>Casing (material)</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>339</td>
</tr>
<tr>
<td></td>
<td>(depth)</td>
</tr>
<tr>
<td></td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>(size)</td>
</tr>
<tr>
<td></td>
<td>If telescope see rock.</td>
</tr>
<tr>
<td>Screen (length)</td>
<td>40</td>
</tr>
<tr>
<td></td>
<td>431</td>
</tr>
<tr>
<td></td>
<td>(depth to top)</td>
</tr>
<tr>
<td></td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Stainless Steel</td>
</tr>
<tr>
<td></td>
<td>(material)</td>
</tr>
<tr>
<td>Pump (HP)</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>115</td>
</tr>
<tr>
<td></td>
<td>(yield gpm)</td>
</tr>
<tr>
<td>Submersa</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Electric log</td>
<td>Yes</td>
</tr>
<tr>
<td></td>
<td>E-Log d 24</td>
</tr>
<tr>
<td></td>
<td>26</td>
</tr>
<tr>
<td></td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>24</td>
</tr>
<tr>
<td></td>
<td>(Organization running log)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>How well bottom plugged:</th>
<th>When taken</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>JAN 26 19</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Drillers Remarks:</th>
<th>Well yields 2 gpt description.</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Miss. Bd. 05</td>
<td>WATER COMM.</td>
</tr>
</tbody>
</table>
If well telescopes please sketch and show depths.

GROUND LEVEL

42' water level

pump setting 169'

329' 10' 8BLK

LEAD SEAL 321'

40' G' STAINLESS STEEL

welding 478' 6

SECTION

Please indicate well location X.

ADDITIONAL INFORMATION

If more than one screen, show locations of each on sketch.
DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR-
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME (S): RLB

UNIT DEQ #: ______________________ FILE #: ______________________

HEALTH DEPT. #: ______________________ ELEVATION:

USGS #: K55

OWNER: ESCO CORP.

LOCATION: _____________ S ______ T ______  CO. NEWTON

LOCATION DESCRIPTION: SOUTH WEST CORNER OF PLANT

CASING DIA: 10 PUMP TYPE & SIZE: SUB

GPS FIELD LOCATION: LAT. 32.35283 LONG. -89.13560

GPS CORRECTED LOCATION: LAT. LONG.

REMARKS: pic k55 well is active.
Department of Environmental Quality
Office of Land and Water Resources

Ground Water Permit
General Report

Permit Number: MS-GW-02223

County: NEWTON
Owner: ESCO CORPORATION
Aquifer: MUNX
USGS No: K0055
BOH No: N/A
Location: NE 1/4 of the NE 1/4 of SEC 23
TWN 06N RNG 11E
Lat: 32.2109 Long: 89.0809
Quad: NEWTON
District: N/A

Date Issued: 22-JAN-91
Date Renewed: 25-SEP-01
Date Expired: 25-SEP-11

Applicant: ESCO CORPORATION
Address 1: 9098 EASTSIDE DRIVE EXT.
Address 2: N/A
Address 3: N/A
City: NEWTON
State: MS Zip: 39327
Driller: TERRY DRILLING COMPANY INC

Owner: ESCO CORPORATION
Address 1: 9098 EASTSIDE DRIVE EXT.
Address 2: N/A
Address 3: N/A
City: NEWTON
State: MS Zip: 39327

Maximum Rate: 250
Amount Withdrawn Acre feet: 22.4064
Amount Withdrawn Mgd: .02

Use
INDUSTRIAL

Casing
Type: STEEL
Diameter: 10
Length: 328

Screen
Type: STAINLESS STEEL
Diameter: 6
Length: 40
Map center is 32° 21' 10"N, 89° 08' 08"W (WGS84/NAD83)

*Newton* quadrangle

Projection is UTM Zone 16 NAD83 Datum