FACT SHEET
CLASS III WELLS

I. Background Information:

1. Owner/Operator: Occidental Chemical Corporation
   Address: 6200 South Ridge Road
   Wichita, Kansas 67277-2283
   Contact Person: Mike Gannaway
   Phone Number: (316) 650-6093

2. Permit applications have been filed with the Department to permit five salt solution-mining wells to be drilled in NE/4 of Sec. 30 – T29S – R2W, Sedgwick County, Kansas. The production of brine will be by gallery system. An access borehole will be drilled to facilitate the connection of the gallery of wells. The access borehole will be plugged once it is no longer need for this purpose.

The locations of the wells are listed below:

<table>
<thead>
<tr>
<th>Well and Permit Number</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Parsons 3-1 KS-03-173-310</td>
<td>Latitude: 37°29’52.10” Longitude: 97°34’49.17”</td>
</tr>
<tr>
<td>Parsons 3-2 KS-03-173-311</td>
<td>Latitude: 37°29’52.28” Longitude: 97°34’45.45”</td>
</tr>
<tr>
<td>Parsons 3-3 KS-03-173-312</td>
<td>Latitude: 37°30’52.45” Longitude: 97°34.41.74”</td>
</tr>
<tr>
<td>Parsons 3-4 KS-03-173-313</td>
<td>Latitude: 37°29’52.63” Longitude: 97°34’38.02”</td>
</tr>
<tr>
<td>Parsons 3-5 KS-03-173-314</td>
<td>Latitude: 37°30’52.81” Longitude: 97°34’34.30”</td>
</tr>
</tbody>
</table>

II. Injection Details:

1. Injection is to be made into the Hutchinson Salt member of the Wellington formation. The top of the cavern shall be no shallower than 250 feet below land surface and mining shall not extend into the upper 50 feet of the salt deposit.

2. The maximum operational injection pressure is not to exceed 130 pounds per square inch at the wellhead.
III. Description of Fluids Injected:

The injection fluids consist of fresh water and unsaturated brine.

IV. Description of Injection Formation:

The Wellington formation consists of inter-bedded salt and shale deposits with minor amount of gypsum. The upper portion of the formation is primarily clayey shale with small amounts of gypsum present. The lower portion, which is known as the Hutchinson Salt member, is mainly salt with inter-bedded shale deposits. The salt deposits beneath Occidental Company's salt mining operations described herein are first encountered about 210 feet below ground surface and extended to a depth of about 415 feet to depth.

V. Chemical Characteristics of Injection Formation Waters:

The connate formation waters of the Hutchinson Salt member in the vicinity of the wells exceed the "usable" water standards of 10,000 mg/l total dissolve solids. Therefore, the Hutchinson Salt member of the Wellington formation need not be protected from the injection of fluids for purposes of salt solution mining.

VI. Construction, Monitoring, and Operation of Wells:

All construction, monitoring and operation of these wells will meet the requirements that apply to Class III injection wells under Kansas Underground Injection Control Regulations, K.A.R. 28-46-1 through 28-46-45.

VII. Basis for Draft Permit Conditions:

1. General
   (a) Applicable federal laws
   (b) Applicable federal regulations
   (c) Applicable state statutes
   (d) Applicable state regulations
   (e) Applicable state and federal waste quality standards
   (f) Technical guidance and reference documents
   (g) Technical expertise and professional judgment of permit writers and Department technical staff.
   (h) Technical input and consultation with federal, state and local agencies and representatives of citizen groups.

2. Specific

The following specific documents were used to draft permit limitations, conditions, operating procedures, monitoring and reporting requirements:

   (a) Clean Water Act (Public Law 100-4)
   (b) Resource Conservation and Recovery Act (Public Law 94-580)
VIII. Area of Review:

The area of review, as specified in K.A.R. 28-46-32, has been examined by the Department.


X. Final Determination Procedures

In anticipation of public interest and a desire to comment, the agency has allowed 30 days from the date of the public notice to submit comments.

XI. Additional information may be obtained from:

Kansas Department of Health and Environment
Brandy DeArmond, P.G.
Bureau of Water, Geology and Well Technology Section
1000 SW Jackson, Ste 420
Topeka, Kansas 66612
(785) 296-5554