Scan Code: 07

Region 6
1445 Ross Avenue
Dallas, Texas 75202-2733

UIC Permit No. 06SOKP1P9108
Well No.: Marco #4

AUTHORIZATION TO CHANGE A CLASS II INJECTION WELL PREVIOUSLY AUTHORIZED BY RULE UNDER THE UIC PROGRAM PAWNEE BUSINESS COMMITTEE

In compliance with the provisions of the Safe Drinking Water Act, (hereafter referred to as "the Act" or "SDWA") as amended (42 U.S.C. §300f et seq.),

Taylor International, Inc.
P. O. Box 1173
Drumright, OK 74030

is authorized to convert a well to a Class II salt water disposal injection well. This well is located at:

610 feet from the south line and 840 feet from the east line, Northeast Quarter, Section 18, Township 19N, Range 06E into the injection interval at a depth of 2756 feet to 2800 feet below land surface in the Oswego formation in accordance with the construction and operation requirements, injection pressure limits, reporting and monitoring requirements, and other conditions set forth in Parts I and II of this permit and the Oklahoma Indian Lands Class II Underground Injection Control Program and Regulations.

Unless authorization to inject is granted, this permit shall remain in effect for one year from the effective date shown below. Authorization to inject fluids into the well shall be granted only upon compliance with permit conditions, I.A.1., I.A.2., I.A.3., and I.B.1. Authorization to inject fluids into the well may be verbally granted by the Chief, Ground Water/UIC Section or by written "Authorization to Inject" from the Director, Water Quality Protection Division (6WQ). Upon authorization to inject, this permit shall remain in effect until the well is plugged or the permit is terminated.

This permit shall become effective on

Prepared by

Issued on

Bill Hurlbut
Geologist
Ground Water/UIC Section
(6WQ-SG)

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Director
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Division

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Part I. SPECIAL PERMIT CONDITIONS

A. Construction Requirements

1. Surface casing shall be set at 530 feet below land surface and cemented back to the surface. The 4 1/2" long string casing shall be set at 3480 feet below land surface and cemented with 300 sacks of cement.

2. The well shall be equipped with standard female fittings with cut-off valves connected to the tubing and the tubing/casing annulus so that the injection pressure and annulus pressure may be measured by an EPA representative by attaching a gauge having a standard male fitting.

3. Tubing and packer shall be installed. The packer shall be run on the tubing and set inside the casing at 2706 feet of depth below the land surface.

B. Operating Requirements

1. Authorization to inject will not be granted until the permittee shows to the satisfaction of the Director, Water Quality Protection Division, pursuant to 40 CFR §146.8 that the well has mechanical integrity. The well's mechanical integrity must be demonstrated prior to the start of injection and at least every five years thereafter. The permittee must notify the Osage UIC office at least five (5) days prior to mechanical integrity testing so that an EPA representative can witness the test.

2. Injection pressure at the wellhead shall not exceed 400 psig.

3. The permittee is authorized to inject salt water for disposal.

4. Injection volume shall be limited to 3000 barrels per month.