

**RAILROAD COMMISSION OF TEXAS
OFFICE OF GENERAL COUNSEL
HEARINGS SECTION**

**OIL AND GAS DOCKET
NO. 8A-0240026**

**IN THE BROWNFIELD, SOUTH
(CANYON) FIELD, TERRY COUNTY,
TEXAS**

**FINAL ORDER
APPROVING THE APPLICATION OF SAMSON LONE STAR LP
TO DISPOSE OF OIL AND GAS WASTE BY INJECTION INTO A POROUS
FORMATION NOT PRODUCTIVE OF OIL OR GAS INTO THE
CHRISTOVA STITT LEASE WELL NO. 2D
BROWNFIELD, SOUTH (CANYON) FIELD, TERRY COUNTY, TEXAS**

The Commission finds that after statutory notice in the above-numbered docket heard on November 30 and December 15, 2005, the presiding examiners have made and filed a report and proposal for decision containing findings of fact and conclusions of law, which was served on all parties of record; that the proposed application is in compliance with all statutory requirements; and that this proceeding was duly submitted to the Railroad Commission of Texas at conference held in its offices in Austin, Texas.

The Commission, after review and due consideration of the examiners' report and proposal for decision, the findings of fact and conclusions of law contained therein, and any exceptions and replies thereto, hereby adopts as its own the findings of fact and conclusions of law contained therein, and incorporates said findings of fact and conclusions of law as if fully set out and separately stated herein.

Therefore it is **ORDERED** by the Railroad Commission of Texas that the Samson Lone Star LP Disposal Permit No. 03832 be and is hereby amended for authorized to conduct water disposal operations in the Christova Stitt Lease Well No. 2D, Brownfield, South (Canyon) Field area, Terry County, Texas, subject to the following terms and conditions:

SPECIAL CONDITIONS:

- 1) That the injection program be conducted in an interval from 4,706 feet to 7,550 feet.
- 2) That injection volume does not exceed 6,000 barrels of saltwater per day.
- 3) Fluid injection must be through tubing set on a packer and the maximum surface injection pressure shall not exceed 2,350 psig.
- 4) Perform a workover on the subject well to determine if a plug is set at 7,550'. If not, the casing will be perforated and a 50 sack cement squeeze will be

performed (tagging of the plug is required). The Commission District Office shall be notified at least 24 hours prior to the subject workover.

- 5) Perform a survey (cement bond log/temperature log/or other technologically approved method by the district office for making such determinations) that will verify the top of cement outside the casing above the permitted top (4,706') of the disposal zone. If said survey does not show such impermeable cement confinement barrier, a 75 sack cement squeeze shall be performed at 4,706' and a subsequent survey (cement bond log/temperature log/or other technologically approved method by the district office for making such determinations) will be run to verify the top of cement. The Commission District Office shall be notified at least 24 hours prior to the running of the subject survey and any subsequent remedial work.

STANDARD CONDITIONS:

- 1) The District Office must be notified 48 hours prior to:
 - a) running tubing and setting packer
 - b) beginning any workover or remedial operation, and
 - c) conducting any required pressure tests or surveys.
- 2) The wellhead must be equipped with a pressure observation valve on the tubing and for each annulus.
- 3) Prior to beginning injection, and subsequently after any workover, an annulus pressure test must be performed. The test pressure must equal the maximum authorized injection pressure or 500 psig., whichever is less, but must be at least 200 psig. The test must be performed and the results submitted in accordance with the instructions of Form H-5.
- 4) A new Form W-2 showing any remedial work and copies of any surveys must be filed with the District Office within 30 days after completion.
- 5) The injection pressure and injection volume must be monitored at least monthly and reported annually on Form H-10 to the Commission's Austin Office.
- 6) Written notice of the intent to transfer the permit must be submitted to the Director of Underground Injection Control at least 15 days prior to the date the transfer will occur (File Form P-4).
- 7) Provided further that, should it be determined that such injection fluid is not confined to the approved strata, then the permission given herein is suspended and the fluid injection must be stopped until the fluid migration from such strata is eliminated.

Each exception to the examiners' proposal for decision not expressly granted herein is overruled. All requested findings of fact and conclusions of law which are not expressly adopted herein are denied. All pending motions and requests for relief not previously granted or granted herein are denied.

This order will not be final and effective until 20 days after a party is notified of the Commission's order. A party is presumed to have been notified of the Commission's order three days after the date on which the notice is actually mailed. If a timely motion for rehearing is filed by any party at interest, this order shall not become final and effective until such motion is overruled, or if such motion is granted, this order shall be subject to further action by the Commission. Pursuant to TEX. GOV'T CODE §2001.146(e), the time allotted for Commission action on a motion for rehearing in this case prior to its being overruled by operation of law, is hereby extended until 90 days from the date the order is served on the parties.

Done this _____ day of _____, 2005.

RAILROAD COMMISSION OF TEXAS

CHAIRMAN VICTOR G. CARRILLO

COMMISSIONER MICHAEL L. WILLIAMS

COMMISSIONER ELIZABETH A. JONES**ATTEST:**

Secretary