

**RAILROAD COMMISSION OF TEXAS  
HEARINGS DIVISION**

**OIL AND GAS DOCKET  
NO. 02-0295336, et.al.**

**IN THE WEST RANCH (41-A & 98-A  
CONS.) FIELD, JACKSON COUNTY,  
TEXAS**

**FINAL ORDER  
APPROVING THE APPLICATION OF HILCORP ENERGY COMPANY FOR  
AUTHORITY PURSUANT TO STATEWIDE RULE 46  
FOR THE WEST RANCH -A- LEASE, WELL NOS. 1129, 1144, 1133, 1139, 1089,  
1136, 1131, 1104, 1149, 1126, 1115, & 1127  
WEST RANCH (41-A & 98-A CONS.) FIELD  
JACKSON COUNTY, TEXAS**

The Commission finds that after statutory notice in the above-numbered dockets heard on March 18, 2015, and March 20, 2015, 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 examiner's report and recommendation, the findings of fact and conclusions of law contained therein, hereby adopts as its own Findings of Fact Nos. 1 through 20, with the exception of Nos. 9, 10, 11, 12, 13, 14, 15, and 20, and Conclusions of Law Nos. 1 through 7, with the exception of Nos. 5 and 6, and also with the exception of Attachment A thereto, 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 application of Hilcorp Energy Company to conduct injection operations into the West Ranch -A- Lease, Well Nos. 1129, 1144, 1133, 1139, 1089, 1136, 1131, 1104, 1149, 1126, 1115, & 1127 in the West Ranch (41-A & 98-A Cons.) Field, Jackson County, Texas is hereby **GRANTED**, subject to the following terms and conditions:

**SPECIAL CONDITIONS:**

1. Injection fluids shall be confined to the Frio Formation in the subsurface depth interval between 5,050 feet and 6,339 feet;
2. The injection volume shall not exceed 20,000 barrels per day per each above named injection well.
3. The maximum operating surface injection pressure shall not exceed 2,525 psig for each of the above named injection wells, except Well No. 1131. The maximum operating surface injection pressure for Well No. 1131 shall not exceed 3,250 psig.
4. Injection fluids shall be limited to produced water from the West Ranch (41-A & 98-A) Field (*i.e.*, the Frio Formation), and the Catahoula Formation.

5. A yearly annulus pressure test must be performed on each above named injection well and the results submitted in accordance with the instructions of Form H-1.

**STANDARD CONDITIONS:**

1. Injection must be through tubing set on a packer. The packer must be set no higher than 100 feet above the top of the permitted interval.
2. The District Office must be notified 48 hours prior to:
  - a. running tubing and setting packer;
  - b. beginning any workover or remedial operation;
  - c. conducting any required pressure tests or surveys.
3. The wellhead must be equipped with a pressure observation valve on the tubing and for each annulus.
4. 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 annually and the results submitted in accordance with the instructions of Form H-5.
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. Within 30 days after completion, conversion to disposal, or any workover which results in a change in well completion, a new Form W-2 or G-1 must be filed to show the current completion status of the well. The date of the disposal well permit and the permit number must be included on the new Form W-2 or G-1.
7. Written notice of intent to transfer the permit to another operator by filing Form P-4 must be submitted to the Commission at least 15 days prior to the date of the transfer.
8. A well herein authorized cannot be converted to a producing well and have an allowable assigned without filing an amended Form W-1 and receiving Commission approval.
9. Unless otherwise required by conditions of the permit, completion and operation of the well shall be in accordance with the information represented on the application (Forms H-1 and H-1A).
10. This permit will expire when the Form W-3, Plugging Record, is filed with the Commission. Furthermore, permits issued for wells to be drilled will expire three (3) years from the date of the permit unless drilling operations have commenced.

11. The permit number shall be F-19085.

Provided further that, should it be determined that such injection fluid is not confined to the approved interval, then the permission given herein is suspended and the injection operation must be stopped until the fluid migration from such interval is eliminated. Failure to comply with all of the conditions of this permit may result in the operator being referred to enforcement to consider assessment of administrative penalties and/or the cancellation of the permit.

Done this 9<sup>th</sup> day of June, 2015.

RAILROAD COMMISSION OF TEXAS

Christi Craddick  
CHAIRMAN CHRISTI CRADDICK

David Porter  
COMMISSIONER DAVID PORTER

Ryan Sitton  
COMMISSIONER RYAN SITTON

ATTEST:

Kathy Way  
SECRETARY

