

**RAILROAD COMMISSION OF TEXAS  
HEARINGS DIVISION**

**OIL AND GAS DOCKET NOS.**

8A-0302013, 8A-0302359, 8A-0302360,  
8A-0302361, 8A-0302362, 8A-0302363,  
8A-0302364, 8A-0302365, 8A-0302366,  
8A-0302367, 8A-0302368, 8A-0302369,  
8A-0302370, 8A-0302371, 8A-0302372,  
8A-0302373, 8A-0302374, 8A-0302375,  
8A-0302376, 8A-0302378, 8A-0302379,  
8A-0302380, 8A-030231, 8A-0302382,  
8A-0302383, 8A-0302384, 8A-0302385, and  
8A-0302386

**SLAUGHTER FIELD, HOCKLEY  
COUNTY, TEXAS**

**FINAL ORDER  
APPROVING THE APPLICATION OF OCCIDENTAL PERMIAN, LTD. FOR  
AUTHORITY PURSUANT TO STATEWIDE RULES 36 AND 46  
SUNDOWN UNIT,  
WELL NOS. 2W, 5W, 7W, 9W, 13, 15W, 17W, 19W, 21W, 24W, 29W, 31W, 33W, 50W,  
58, 60, 61, 62, 65, 66, 70WI, 71WI, 72WI, 74WI, 77, 90, 92 AND 95  
SLAUGHTER FIELD  
HOCKLEY COUNTY, TEXAS**

The Commission finds that after statutory notice in the above-numbered dockets heard on December 9, 2016, the presiding administrative law judge and technical examiner have made and filed a report and recommendation containing findings of fact and conclusions of law, for which service was not required, that the proposed applications are 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 administrative law judge and technical examiner's report and recommendation, the findings of fact and conclusions of law contained therein, 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 Occidental Permian, Ltd. is hereby authorized to conduct injection operations into the Sundown Unit, Well Nos. 2W, 5W, 7W, 9W, 13, 15W, 17W, 19W, 21W, 24W, 29W, 31W, 33W, 50W, 58, 60, 61, 62, 65, 66, 70WI, 71WI, 72WI, 74WI, 77, 90, 92 and 95, in the Slaughter Field, Hockley County Texas, subject to the following terms and conditions:

**SPECIAL CONDITIONS:**

1. For each well authorized by this permit, the PERMITTED INJECTION WELL TABLE (Attachment A) specifies the permitted subsurface injection interval, each permitted injection gas and fluid, the maximum injection volume for each gas and fluid, and the maximum permitted surface injection pressure for each gas fluid. The PERMITTED INJECTION WELL TABLE (Attachment A) is attached hereto and incorporated herein as a part of this permit.
2. An annual annulus pressure test must be performed on each well listed in Attachment A, and the results submitted in accordance with the instructions of Form H-5.

**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 injection 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 pounds per square inch gauge (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 a well. The date of the injection 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 for a well listed in Attachment A. 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- 01881.

Note: Amends injection permits for the wells in Attachment A that were previously in effect prior to the date of this Final Order.

Provided further that, should it be determined that such injection fluid is not confined to the approved injection 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 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 14<sup>th</sup> day of February, 2017.

**RAILROAD COMMISSION OF TEXAS**

**(Order approved and signatures affixed by  
Hearings Divisions' Unprotected Master Order  
Dated February 14, 2017)**

**ATTACHMENT A<sup>1</sup>**  
**PERMITTED INJECTION WELL TABLE**

Well Nos.	T/I.I.	B/I.I.	SW/D	FW/D	CO <sub>2</sub> , H <sub>2</sub> S & METHANE/D	MSIP(L)	MSIP(G)
2W	4,600	5,300	5,000	300	10,000	2,300	3,450
5W	4,600	5,300	5,000	300	10,000	2,300	3,450
7W	4,600	5,300	5,000	300	10,000	2,300	3,450
9W	4,600	5,300	5,000	300	10,000	2,300	3,450
13	4,600	5,300	5,000	300	10,000	2,300	3,450
15W	4,600	5,300	5,000	300	10,000	2,300	3,450
17W	4,750	5,300	5,000	300	10,000	2,375	3,550
19W	4,800	5,300	5,000	300	10,000	2,400	3,600
21W	4,600	5,300	5,000	300	10,000	2,300	3,450
24W	4,600	5,300	5,000	300	10,000	2,300	3,450
29W	4,500	5,300	5,000	300	10,000	2,250	3,375
31W	4,600	5,300	5,000	300	10,000	2,300	3,450
33W	4,650	5,300	5,000	300	10,000	2,325	3,475
50W	4,500	5,300	5,000	300	10,000	2,250	3,375
58	4,600	5,300	5,000	300	10,000	2,300	3,450
60	4,600	5,300	5,000	300	10,000	2,300	3,450
61	4,600	5,300	5,000	300	10,000	2,300	3,450
62	4,400	5,300	5,000	300	10,000	2,200	3,300
65	4,600	5,300	5,000	300	10,000	2,300	3,450
66	4,600	5,300	5,000	300	10,000	2,300	3,450
70WI	4,600	5,300	5,000	300	10,000	2,300	3,450
71WI	4,600	5,300	5,000	300	10,000	2,300	3,450
72WI	4,800	5,300	5,000	300	10,000	3,400	3,600
74WI	4,600	5,300	5,000	300	10,000	2,300	3,450
77	4,600	5,300	5,000	300	10,000	2,300	3,450
90	4,600	5,300	5,000	300	10,000	2,300	3,450
92	4,600	5,300	5,000	300	10,000	2,300	3,450
95	4,600	5,300	5,000	300	10,000	2,300	3,450

<sup>1</sup> Attachment A is based on the information and parameters listed in the Forms H-1 and H-1A, dated June 14, 2016, by representatives of Occidental Permian Ltd. (*i.e.* Applicant's Exh. Nos. 9 and 10). From left to right, the columns in Attachment A are the parameters (*i.e.* restrictions) for each individual well authorized by this permit and expressed in short-hand for the following: (1) Well Numbers; (2) Top of the Permitted Injection Interval for Each Well; (3) Base of the Permitted Injection Interval for Each Well; (4) Maximum Volume of Saltwater Per Day Per Well; (5) Maximum Volume of Freshwater Per Day Per Well; (6) Maximum Volume of the combined elements Carbon-Dioxide, Hydrogen-Sulfide, and Methane Per Day Per Well; (7) Maximum Surface Injection Pressure for Liquids in Pounds Per Square Inch Gauge; and (8) Maximum Surface Injection Pressure for Gas in Pound Per Square Inch Gauge.