

10:30 FILED O'CLOCK H.M.

FEB 18 2022

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISION

Form W-14
07/2016

Heidi Easley
Clerk County Court, Victoria County, Texas
By M. B.

APPLICATION TO DISPOSE OF OIL AND GAS WASTE BY INJECTION
INTO A FORMATION NOT PRODUCTIVE OF OIL AND GAS

1. Operator Name <u>Big Lake Corporation</u>		2. Operator P-5 No. <u>069458</u>	
3. Operator Address: <u>PO Box 224691 Dallas, TX 75222</u>			
4. County <u>Victoria</u>		5. RRC District No. <u>02</u>	
6. Field Name <u>Witte (UF-214)</u>		7. Field Number <u>98304693</u>	
8. Lease Name <u>Sandhop</u>		9. Lease/Gas ID No. <u>12085</u>	
10. Well is <u>4.5</u> miles in a <u>SE</u> direction from <u>Inez, TX</u> (center of nearest town). 11. No. acres in lease <u>265</u>			
12. Legal description of location including distance and direction from survey lines <u>2,117' FNEL & 776' FSEL of the Garcia, V. Survey, A-45</u>			
13. Latitude/Longitude, if known (Optional)		Lat. <u>28.8658441</u> Long. <u>-96.7331769 (Nad 27)</u>	
14. New Permit: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If no, amendment of Permit No. _____ UIC# _____			
15. Reason for amendment: Pressure <input type="checkbox"/> Volume <input type="checkbox"/> Interval <input type="checkbox"/> Commercial <input type="checkbox"/> Other (explain) _____			
16. Well No. <u>2</u>	17. API No. <u>469-34457</u>	18. Date Drilled <u>03/20/2020</u>	19. Total Depth <u>6,006'/PB 4,800'</u>
20. Plug Date, if re-entry			
Casing	Size	Setting Depths	Hole Size
21. Surface	<u>8-5/8"</u>	<u>635'</u>	<u>12-1/4"</u>
22. Intermediate			
23. Long String	<u>5-1/2"</u>	<u>5,964'</u>	<u>7-7/8"</u>
24. Liner			
25. Other			
26. Depth to base of Deepest Freshwater Zone <u>1,950'/2,600'</u> USDW		27. Multiple completion? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
28. Multistage cement? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If yes, DV Tool Depth: _____ ft. No. Sacks: _____ Top of Cement: <u>Proposed</u>			
29. Bridge Plug Depth: _____ ft.		30. Injection Tubing Size: <u>2-3/8 in.</u> and Depth <u>4,500 ft.</u>	
31. Packer Depth: <u>4,500 ft.</u>			
32. Cement Squeeze Operations (List all giving interval and number of sacks of cement and cement top and whether Proposed or Complete.): <u>This well will be converted in such a manner that there will not be more than 100' rat hole below the permitted bottom injection interval.</u>			
33. Injection Interval from <u>4,600</u> to <u>4,700</u> ft.		34. Name of Disposal Formation <u>Greta</u>	
35. Any Oil and Gas Productive Zone within two miles? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If yes, Depth <u>4,770+</u> ft. and Reservoir Name <u>Frio</u>			
36. Maximum Daily Injection Volume <u>2,500</u> bpd		37. Estimated Average Daily Injection Volume <u>2,000</u> bpd	
38. Maximum Surface Injection Pressure <u>2,300</u> psig		39. Estimated Average Surface Injection Pressure <u>1,800</u> psig	
40. Source of Fluids (Formation, depths and types): <u>Frio formation produced water</u>			
41. Are fluids from leases other than lease identified in Item 8? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		42. Commercial Disposal Well? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
43. If commercial disposal, will non-hazardous oil and gas waste other than produced water be disposed of? Yes <input type="checkbox"/> No <input type="checkbox"/>			
44. Type(s) of Injection Fluid: Salt Water <input checked="" type="checkbox"/> Brackish Water <input type="checkbox"/> Fresh Water <input type="checkbox"/> CO ₂ <input type="checkbox"/> N ₂ <input type="checkbox"/> Air <input type="checkbox"/> H ₂ S <input type="checkbox"/> LPG <input type="checkbox"/> NORM <input type="checkbox"/> Natural Gas <input type="checkbox"/> Polymer <input type="checkbox"/> Other (explain) _____			
CERTIFICATE I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that the data and facts stated therein are true, correct, and complete, to the best of my knowledge.		Signature <u>Bonnie Burkland</u> Date <u>01/30/2022</u> Name of Person (type or print) <u>Bonnie Burkland (bonnieburklund@gmail.com)</u> Phone <u>512-799-4057</u> Fax _____	
FOR OFFICE USE ONLY		REGISTER NO.	
		AMOUNT \$	

APPLICANT ALSO MUST COMPLY WITH THE INSTRUCTIONS ON THE REVERSE SIDE

FORM W-14 INSTRUCTIONS

1. File the original application, including all attachments, with Technical Permitting, Railroad Commission of Texas, P.O. Box 12967, Austin, Texas 78711-2967. File one copy of the application and all attachments with the appropriate district office.
2. With the original application remit \$250 (a non-refundable fee of \$100 and a surcharge of \$150 as required by Statewide Rule 78(n)) payable to the Railroad Commission of Texas. For each request to Statewide Rule 9(9) relating to Special Equipment, remit an additional \$375 (a non-refundable fee of \$150 plus a \$225 surcharge).
3. Provide the current field name (Item 6) and field number (Item 7) designated in Commission records for an existing well. If the application is for a new well, provide the nearest producing field name and number.
4. Check in Item 14 the appropriate box for a new permit or an amendment of an existing permit. If an amendment, check the applicable boxes in Item 15 to indicate the reason for amendment and provide a brief explanation if "other" is checked.
5. If the application is for a new permit, attach a complete electrical log of the well or the log of a nearby well.
6. Attach a letter from the Groundwater Advisory Unit (GAU) stating that the well will not endanger usable quality water strata and that the formation of stratum to be used for disposal does not contain usable quality water. To obtain the letter, submit two copies of the Form W-14, a plat with surveys marked, and a representative electrical log to GAU, P.O. Box 12967, Austin, Texas 78711-2967.
7. Attach a map showing the location of all wells of public record within one-half (1/2) mile radius of the proposed disposal well. On the map show each Commission-designated operator of each well within one-half (1/2) mile of the proposed disposal well. NOTE: For a commercial disposal well application, the map shall also show the ownership of the proposed disposal well tract and the surface tracts that adjoin the proposed disposal well tract.
8. Attach a table of all wells of public record that penetrate the disposal interval and that are within one-quarter (1/4) mile radius of the proposed disposal well. The table shall include the well identification, date drilled, depth, current status, and the plugging dates of those wells that are plugged. Identify any wells that appear to be or that you may know are unplugged or improperly plugged and penetrate the proposed injection interval. Alternatively, an applicant may request a variance under SWR 9(7)(B). NOTE: If the application is for an amendment, a table of wells within a one-quarter (1/4) mile radius is required only if the current permit was issued before April 1, 1982, or if the amendment is for a shallower disposal depth.
9. Attach a list of the names and mailing or physical addresses of affected persons who were notified of the application and when the notification was mailed or delivered. Include a signed statement attesting to the notification of the listed affected persons. Notice shall be provided by sending or delivering a copy of the front and back of the application to the surface owner of record of the surface tract where the well is located, each Commission-designated operator of any well located within one-half (1/2) mile of the proposed well, the county clerk, and the city clerk, or other city official, if the proposed well is located within municipal boundaries. In addition, notice of a commercial disposal well also shall be provided to surface owners of record of each surface tract that adjoins the surface tract where the proposed well will be located. NOTE: If the application is for an amendment, notification of the county clerk and city clerk are required only if the amendment is for disposal interval or for commercial status.
10. Attach an affidavit of publication signed by the publisher that the notice of publication has been published in a newspaper of general circulation in the county where the disposal well will be located. Attach a newspaper clipping of the published notice. If the application is for the commercial disposal well, that fact must be stated in the published notice. NOTE: If the application is for the amendment, notification by publication is required only if the amendment is for disposal interval or for commercial status.
11. Attach any other technical information that you believe will facilitate the review of the application. Such information may include a cement bond log, a cementing record, or a well bore sketch.

Additional information is available in the *Underground Injection Control Manual*, which is available on the Railroad Commission's website: www.irc.texas.gov

No public hearing will be held on this application unless an affected person or local government protests the application, or the Commission administratively denies the application. Any protest shall be in writing and contain (1) the name, mailing address, and phone number of the person making the protest; and (2) a brief description of how the protestant would be adversely affected by the activity sought to be permitted. If the Commission or its delegate determines that a valid protest has been received, or that a public hearing is in public interest, a hearing will be held upon written request by the applicant. The permit may be administratively issued in a minimum of 15 days after receipt of the application, published notice, or notification of affected persons, whichever is later, if no protest is received.