FEB 1 8 2022

RAILROAD COMMISSION OF TEXAS OIL AND GAS DIVISION

Form W-14

07/2016

CATION TO DISPOSE OF OIL AND GAS WASTE BY INJECTION NTO A FORMATION NOT PRODUCTIVE OF OIL AND GAS

-1-Open-Sirver	لبييي	Choll	a Petroleur	n, Inc.		2. Op	erator P-5 No.	150683
3. Operator Address: P.O. Box 12208, Dallas, Texas 75225								
4. County Fisher			isher		5. R			7B
6. Field Name Sylvester (Ellen.) 7. Field Number 87812200								
8. Lease Name								
9.06 CW Dah								
10. Well is 8.06 miles in a SW direction from Roby (center of nearest town). 11. No. acres in lease 160 12. Legal description of location including distance and direction from survey lines League 304, Gillespie CSL Survey, A-27								
13. Latitude/Longitude, if known (Optional) Lat. 32.627037 Long100.388633 (NAD 27)								
14. New Permit: Yes 🛛 No 🗌 If no, amendment of Permit No UIC#								
15. Reason for amendment: Pressure Volume Interval Commercial Other (explain)								
16.Well No. 17.API No. 42-151-33235 18.Date Drilled 19.Total Depth 6800' 20.Plug Date, if re-entr								
Cosin	-			,		19.Total Der 68		
Casing	Size	Setting Depths	Hole Size	Casing Weight	Cement Class	Cement Sacks (#)	Top of cement	Top Determined by
21. Surface	9-5/8"	240'	12-1/4"	36#	Α	150	Surface	Calculation
22. Intermediate 23. Long String	7"	6500'	8-3/4"	20#	С	475	3517'	Calculation
24.Liner		- 5555		20 %		170	0017	Odiodiation
25. Other								
26. Depth to base of Deepest Freshwater Zone 200' 27. Multiple completion? Yes No								
28. Multistage cement? Yes No X If yes, DV Tool Depth:ft. No. Sacks:Top of Cement:								
29. Bridge Plug Depth:ft. 30. Injection Tubing Size: 4-1/2 in. and Depth 6400 ft. 31. Packer Depth:6400 ft.								
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32. Cement Squeeze Operations (List all giving interval and number of sacks of cement and cement top and whether Proposed or Complete.):								
33. Injection Interval from 6500 to 6800 ft. 34. Name of Disposal Formation Caddo & Ellenburger								
35. Any Oil and Gas Productive Zone within two miles? Yes No								
If yes, Depth 5000-6000 ft. and Reservoir Name Canyon & Strawn								
36. Maximum Daily Injection Volume 24,000 bpd 37. Estimated Average Daily Injection Volume 18,000 bpd								
38. Maximum Surface Injection Pressure 3250 psig 39. Estimated Average Surface Injection Pressure 2800 psig								
40. Source of Fluids (Formation, depths and types): Canyon & Strawn, 5000-6000', Saltwater								
41. Are fluids from leases other than lease identified in Item 8? Yes 🛛 No 🗌 42. Commercial Disposal Well? Yes 🔲 No 🔀								
43. If commercial disposal, will non-hazardous oil and gas waste other than produced water be disposed of?								
44. Type(s) of Injection Fluid: Salt Water 🛛 Brackish Water 🗆 Fresh Water 🗆 C02 🔲 N2 📮 Air 🗍 H2S 🗋								
LPG NORM Natural Gas Polymer 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 Signature Date								
report was prepared by me or under my supervision and direction, and Greg Cloud, Consulting Engineer								
that the data and facts stated therein are true, correct, and complete, to the best of my knowledge.								
Those (512) 380-0800 jgcloud@swbell.net								
FOR OFFICE USE	ONLY	REGISTE	R NO.			Ai	MOUNT S	

FORM W-14 INSTRUCTIONS

- 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 if 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 noticed. 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.rrc.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.