



UNIVERSITY LANDS

OCT 25 2022

6101 South Broadway Ave
Suite 105
Tyler, Tx 75701

www.sequitureenergy.com

SEM Operating Company LLC

October 20, 2022

University Lands-Surface Owner
Attn: Dave Williamson
704 Dengar Ave.
Midland, Tx 79705

NOTICE OF PERMIT AMENDMENT FOR UNIVERSITY 27-34 #1D SWD WELL

To Whom it May Concern:

SEM Operating Company is applying to amend the current UIC permit# 000112725 to increase the Maximum Liquid Daily Injection Volume from 10000 bbl/day to 20000 bbl/day. See attached front and back of the Form W14.

Best Regards,

Amanda Landrem

Amanda Landrem
Regulatory Analyst
SEM Operating Company LLC
alandrem@sequitureenergy.com
D – 903-705-0827

Attachments: Copy of Form W14 front and back

RAILROAD COMMISSION OF TEXAS OIL AND GAS DIVISION

Form W-14
07/2016

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

1. Operator Name <u>SEM OPERATING COMPANY LLC</u>			2. Operator P-5 No. <u>766370</u>		
3. Operator Address: <u>2050 W SAM HOUSTON PARKWAY WEST STE 1850 HOUSTON, TX 77042</u>					
4. County <u>REAGAN</u>			5. RRC District No. <u>7C</u>		
6. Field Name <u>LIN (WOLFCAMP)</u>			7. Field Number <u>53613750</u>		
8. Lease Name <u>UNIVERSITY LANDS 27-34</u>			9. Lease/Gas ID No. <u>18756</u>		
10. Well is <u>16.25</u> miles in a <u>NW</u> direction from <u>BIG LAKE, TX</u> (center of nearest town).					
11. No. acres in lease <u>989.55</u>					
12. Legal description of location including distance and direction from survey lines <u>UNIVERSITY LANDS, SECTION 34 BLOCK 2. 210' FROM SE AND 2180' FROM EL.</u>					
13. Latitude/Longitude, if known (Optional) Lat. <u>31 17' 22.270" N (NAD 27)</u> Long. <u>-101 42' 37.598" W (NAD 27)</u>					
14. New Permit: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If no, amendment of Permit No. <u>15060</u> UIC# <u>000112725</u>					
15. Reason for amendment: Pressure <input type="checkbox"/> Volume <input checked="" type="checkbox"/> Interval <input type="checkbox"/> Commercial <input type="checkbox"/> Other (explain) _____					
16. Well No. #1D	17. API No.		18. Date Drilled		19. Total Depth 4650'
Casing	Size	Setting Depths	Hole Size	Casing Weight	Cement Class
21. Surface	13 3/8	650	17.5	48	C
22. Intermediate	9 5/8	1100	12 1/4	36	C
23. Long String	7	3450	8 1/2	17	C
24. Liner					
25. Other					
26. Depth to base of Deepest Freshwater Zone <u>475</u>			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: _____					
29. Bridge Plug Depth: <u>NA</u> ft.			30. Injection Tubing Size: <u>3 1/2</u> in. and Depth <u>3350</u> ft.		
			31. Packer Depth: <u>3350</u> ft.		
32. Cement Squeeze Operations (List all giving interval and number of sacks of cement and cement top and whether Proposed or Complete.): <u>NA</u>					
33. Injection Interval from <u>3450</u> to <u>4650</u> ft.			34. Name of Disposal Formation <u>SAN ANDREAS</u>		
35. Any Oil and Gas Productive Zone within two miles? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If yes, Depth <u>5890-12000</u> ft. and Reservoir Name <u>FUSSELMAN 8560-8630, SPRADBERRY 5890-10800, DEAN 7268-9259, JO MILL 7033-7195, STRAWN 12000'.</u>					
36. Maximum Daily Injection Volume <u>20000</u> bpd			37. Estimated Average Daily Injection Volume <u>15000</u> bpd		
38. Maximum Surface Injection Pressure <u>1725</u> psig			39. Estimated Average Surface Injection Pressure <u>1300</u> psig		
40. Source of Fluids (Formation, depths and types): <u>LIN (WOLFCAMP) FROM HORIZONTAL PRODUCTION, SPRADBERRY (TREND AREA) FROM VERTICAL WELLS</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? <u>N/A</u> 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.			<u>Amanda Landrem</u> 10/17/2022		
			Signature _____ Date _____		
			<u>AMANDA LANDREM</u>		
			Name of Person (type or print)		
Phone 903-730-0754			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.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.