

FILED FOR RECORD
 10:25 O'CLOCK A. 1/2
 MAR 13 2023
 EMPALIMAS
 COUNTY CLERK
 COUNTY OF TEXAS
 E. J. JAMES

**RAILROAD COMMISSION OF TEXAS
 OIL AND GAS DIVISION**

**NOTICE OF
 APPLICATION**

Form W-14
 05/2004
 MIL0205

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

1. Operator Name Bracken Operating, L.L.C. 2. Operator P-5 No. 085851
 3. Operator Address: PO Box 752, Perryton, TX 79070
 4. County Ochiltree 5. RRC District No. 10
 6. Field Name Pan Petro (Cleveland) 7. Field Number 68735120
 8. Lease Name Vernon 9. Lease/Gas ID No. 08321
 10. Well is ±3 miles in a SW direction from Perryton (center of nearest town). 11. No. acres in lease 320
 12. Legal description of location including distance and direction from survey lines 467' FNL 2350' FEL, Sec. 19, Blk. 12
 H&GN RR Co. Survey. A-116
 13. Latitude/Longitude, if known (Optional) Lat. 36.346167° Long. -100.846030° (NAD 27)
 14. New Permit: Yes No If no, amendment of Permit No. _____ UIC# _____
 15. Reason for amendment: Pressure Volume Interval Commercial Other (explain) _____

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|--------------------------|------------------------------------|---------------------------------------|----------------------------------|----------------------------|----------------|------------------|----------------|-------------------------|
| 16. Well No. <u>1</u> | 17. API No. <u>42-357-31854</u> | 18. Date Drilled <u>12/17/1986</u> | 19. Total Depth <u>8,250'</u> | 20. Plug Date, if re-entry | | | | |
| Casing | Size | Setting Depths | Hole Size | Casing Weight | Cement Class | Cement Sacks (#) | Top of cement | Top Determined by |
| 21. Surface | <u>8 5/8"</u> | <u>1,674'</u> | <u>12 1/4"</u> | <u>24#</u> | <u>DSLW</u> | <u>750</u> | <u>Surface</u> | <u>Circulation</u> |
| 22. Intermediate | | | | | | | | |
| 23. Long String | <u>4 1/2"</u> | <u>7,240'</u> | <u>7 7/8"</u> | <u>11.6#</u> | <u>Prm/Poz</u> | <u>180</u> | <u>6,750'</u> | <u>Calc. / Form W-2</u> |
| 24. Liner | | | | | | | | |
| 25. Other | | | | | | | | |

 26. Depth to base of Deepest Freshwater Zone 700' 27. Multiple completion? Yes No
 28. Multistage cement? Yes No If yes, DV Tool Depth: _____ ft. No. Sacks: _____ Top of Cement: _____
 29. Bridge Plug Depth: _____ ft. 30. Injection Tubing Size: 2 3/8" in. and Depth 3,200 ft. 31. Packer Depth: 3,200 ft.
 32. Cement Squeeze Operations (List all giving interval and number of sacks of cement and cement top and whether Proposed or Complete.):
PROPOSED: CIPB @ 6,900' w/20' cmt. on top & Cmt. Squeeze @ 3,700' w/±250 Sacks cmt. Calc. TOC @ 2,680'
 33. Injection Interval from 3,300 to 3,600 ft. 34. Name of Disposal Formation Brown Dolomite
 35. Any Oil and Gas Productive Zone within two miles? Yes No
 If yes, Depth ±6,400' ft. and Reservoir Name Des Moines, Basal Chester, Cleveland, Morrow & Marmaton
 36. Maximum Daily Injection Volume 5,000 bpd 37. Estimated Average Daily Injection Volume 1,500 bpd
 38. Maximum Surface Injection Pressure 1,000 psig 39. Estimated Average Surface Injection Pressure 250 psig
 40. Source of Fluids (Formation, depths and types): Produced Water, Marmaton, Des Moines, Cleveland & Morrow (6,900' - 8,700')
 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? Yes No
 44. Type(s) of Injection Fluid: Salt Water Brackish Water Fresh Water CO₂ N₂ Air H₂S
 LPG NORM Natural Gas Polymer Other (explain) _____

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| 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>John Boreman</u> | Date <u>2/10/23</u> |
| | Name of Person (type or print) <u>John Boreman</u> | <u>weldon@milconinc.com</u> |
| | Phone <u>806-435-2787</u> | Fax _____ |
| | FOR OFFICE USE ONLY REGISTER NO. _____ AMOUNT \$ _____ | |

APPLICANT ALSO MUST COMPLY WITH THE INSTRUCTIONS ON THE REVERSE SIDE

1. File the original application, including all attachments, with Environmental Services, 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. Include with the original application a non-refundable fee of \$100 payable to the Railroad Commission of Texas. Submit an additional \$150 fee for each request for an exception to Statewide Rule 9(9) relating to Special Equipment.

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 Texas Commission on Environmental Quality (TCEQ) or its predecessor or successor agency stating that the well will not endanger usable quality water strata and that the formation and stratum to be used for disposal does not contain usable quality water. To obtain the TCEQ letter, submit two copies of the Form W-14, a plat with surveys marked, and a representative electrical log to the TCEQ, MC 151, P.O. Box 13087, Austin, Texas 78711-3087. NOTE: If the application is for an amendment, a new TCEQ letter is required only if the amendment is for a change in the disposal interval.

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 Rule 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 a commercial disposal well, that fact must be stated in the published notice. NOTE: If the application is for amendment, notification by publication is required only if the amendment is for disposal interval or commercial status.

11. Attach any other technical information that you believe will facilitate the review of this 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.state.tx.us

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 the 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.

FORM W-14 INSTRUCTIONS