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RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISION

Form H-1
05/2004

APPLICATION TO INJECT FLUID INTO A RESERVOIR PRODUCTIVE OF OIL OR GAS

1. Operator name PEREGRINE PETROLEUM PRTNRS, LTD (as shown on P-5, Organization Report) 2. Operator P-5 No. 653271

3. Operator Address 2101 CEDAR SPRINGS RD, STE 1800, DALLAS, TX. 75201

4. County FISHER 5. RRC District No. 7B

6. Field Name FISHER COUNTY 7. Field No. 31014001

8. Lease Name RAVEN 9. Lease/Gas ID No.

10. Check the Appropriate Boxes: New Project ☒ Amendment ☐

If amendment, Fluid Injection Project No. F-

Reason for Amendment: Add wells ☐ Add or change types of fluids ☐ Change pressure ☐

Change volume ☐ Change interval ☐ Other (explain)

RESERVOIR DATA FOR A NEW PROJECT

11. Name of Formation Ellenburger 12. Lithology Dolomite (e.g., dolomite, limestone, sand, etc.)

13. Type of Trap Stratigraphic (anticline, fault trap, stratigraphic trap, etc.) 14. Type of Drive during Primary Production Depletion

15. Average Pay Thickness 370' 16. Lse/Unit Acreage 60.93 17. Current Bottom Hole Pressure (psig)

18. Average Horizontal Permeability (mds) <0.1 mD 19. Average Porosity (%) 3-10%

INJECTION PROJECT DATA

20. No. of Injection Wells in this application 1

21. Type of Injection Project: Waterflood ☐ Pressure Maintenance ☐ Miscible Displacement ☐ Natural Gas Storage ☐

Steam ☐ Thermal Recovery ☐ Disposal ☒ Other

22. If disposal, are fluids from leases other than the lease identified in Item 9? Yes ☒ No ☐

23. Is this application for a Commercial Disposal Well ? Yes ☒ No ☐

24. If for commercial disposal, will non-hazardous oil and gas waste other than produced water be disposed? Yes ☐ No ☒

25. Type(s) of Injection Fluid:

Salt Water ☒ Brackish Water ☐ Fresh Water ☐ CO_2 ☐ N_2 ☐ Air ☐ H_2S ☐ LPG ☐ NORM ☐

Natural Gas ☐ Polymer ☐ Other (explain)

26. If water other than produced salt water will be injected, identify the source of each type of injection water by formation, or by aquifer and depths, or by name of surface water source:

LTART@PEREGRINEPETROLEUM.COM

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 Date

LINDSEY TART

Name of Person (type or print)

Phone 713.630.8967 Fax 713.630.8981

For Office Use Only	*Register No.*	*Amount $*

See Reverse Side for Required Attachments

RAILROAD COMMISSION OF TEXAS -- OIL AND GAS DIVISION

Form H-1A

INJECTION WELL DATA (attach to Form H-1)

1. Operator Name (as shown on P-5): PEREGRINE PETROLEUM PRTNRS, LTD — 2. Operator P-5 No.: 653271

3. Field Name: FISHER COUNTY — 4. Field No.: 31014001

5. Current Lease Name: RAVEN — 6. Lease/Gas ID No.:

7. Lease is 3.8 miles in a SE direction from MCCAULLEY (center of nearest town).

8. Well No.	9. API No.	10. UIC No.	11. Total Depth	12. Date Drilled	13. Base of Usable Quality Water (ft)
1D	151-33243		7000		100'

14. (a) Legal description of well location, including distance and direction from survey lines: 2308 FSL, 244 FWL

(b) Latitude and Longitude of well location, if known (optional) Lat. 32.7496212 Long. -100.1524078

15. New Injection Well ☒ or Injection Well Amendment ☐ — Reason for Amendment: Pressure ☐ Volume ☐ Interval ☐ Fluid Type ☐

Other (explain) _____

Casing	Size	Setting Depth	Hole Size	Casing Weight	Cement Class	# Sacks of Cement	Top of Cement	Top Determined by
16. Surface	9.625	1500	12.25	40	C	660	0	calc
17. Intermediate	7	7000	8.75	29	H	800	0	calc
18. Long string								
19. Liner								

20. Tubing size	21. Tubing depth	22. Injection tubing packer depth	23. Injection interval
4"	6,075'	6,075	6,100 to 6,400

24. Cement Squeeze Operations (List all)	Squeeze Interval (ft)	No. of Sacks	Top of Cement (ft)

25. Multiple Completion? Yes ☐ No ☒

26. Downhole Water Separation? Yes ☐ No ☐

NOTE: If the answer is "Yes" to Item 25 or 26, provide a Wellbore Sketch

27. Fluid Type	28. Maximum daily injection volume for each fluid type (rate in bpd or mcf/d)	29. Estimated average daily injection volume for each fluid type (rate in bpd or mcf/d)
Produced water	20,000 bpd	15,000 bpd

30. Maximum Surface Injection Pressure: for Liquid 3,050 psig for Gas _____ psig.

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8. Well No.	9. API No.	10. UIC No.	11. Total Depth	12. Date Drilled	13. Base of Usable Quality Water (ft)

14. (a) Legal description of well location, including distance and direction from survey lines:

(b) Latitude and Longitude of well location, if known (optional) Lat. _____ Long. _____

15. New Injection Well ☐ or Injection Well Amendment ☐ — Reason for Amendment: Pressure ☐ Volume ☐ Interval ☐ Fluid Type ☐

Other (explain) _____

Casing	Size	Setting Depth	Hole Size	Casing Weight	Cement Class	# Sacks of Cement	Top of Cement	Top Determined by
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18. Long string								
19. Liner								

20. Tubing size	21. Tubing depth	22. Injection tubing packer depth	23. Injection interval
			to

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NOTE: If the answer is "Yes" to Item 25 or 26, provide a Wellbore Sketch

27. Fluid Type	28. Maximum daily injection volume for each fluid type (rate in bpd or mcf/d)	29. Estimated average daily injection volume for each fluid type (rate in bpd or mcf/d)

30. Maximum Surface Injection Pressure: for Liquid _____ psig for Gas _____ psig.