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N. M. OIL CONS. COMMISSION
UNITED STATES P. O. BOX 1980
DEPARTMENT OF THE INTERIOR HOBBS, NEW MEXICO 88240
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

NMNM 0550543

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Government 'N' #2

9. API Well No.

300252312200

10. Field and Pool, or Exploratory Area

Teas - Yates - 7 Rivers

11. County or Parish, State

Lea County, NM

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Penroc Oil Corp. (C2011)

3. Address and Telephone No.

PO Box 5970, Hobbs, NM 88241 505-397-3596

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SE/4 SW/4 (Unit N), Sec 19, T20S, R34E, Lea Co., NM

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other
- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☒ Dispose Water

(Note: Report results of multiple completion on Well Completion or Abandonment Report and Log Form)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

- a) Name of Formation producing water: Teas - Yates - 7 Rivers
b) Daily water production: 1.5 BPD.
c) Current water analysis: See attached
d) Produced water is stored in a 300 bbl open top tank w/ netting on location.
e) Water is moved to the disposal facility via water hauling truck.
f) Disposal Facility:

Operator: Man Water Disposal, Inc.

Well Name: Cities Federal #1

Location: Unit L, Sec. 20, T-22-S, R-36-E

NMOC Permit No: R7504

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14. I hereby certify that the foregoing is true and correct

Signed

Title

Date

(This space for Federal or State office use)

(ORIG. SGD.) JOE G. LARA

PETROLEUM ENGINEER

Date

Approved by
Conditions of Approval, if any:

Title

JUN 21 1993

See attached

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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AND HOBBS
OFFICE

TRETOLITE DIVISION

(915) 682-4301
Fax (915) 684-7873

Reply to:
P.O. Box 60180
Midland, TX 79711-0180

WATER ANALYSIS REPORT

Company : PETROL MINING
Address : HOBBS, NEW MEXICO
Lease : GOV'T "N"
Well : #2
Sample Pt. :

Date : 4-29-93
Date Sampled : 4-21-93
Analysis No. : 1227

ANALYSIS		mg/L	* meq/L
-----		----	-----
1.	pH	6.6	
2.	H2S	270 PPM	
3.	Specific Gravity	1.015	
4.	Total Dissolved Solids	29587.6	
5.	Suspended Solids		
6.	Dissolved Oxygen		
7.	Dissolved CO2	0 PPM	
8.	Oil In Water		
9.	Phenolphthalein Alkalinity (CaCO3)		
10.	Methyl Orange Alkalinity (CaCO3)	1130.0	
11.	Bicarbonate	HCO3 1378.6	HCO3 22.6
12.	Chloride	Cl 17720.4	Cl 499.9
13.	Sulfate	SO4 570.0	SO4 11.9
14.	Calcium	Ca 489.0	Ca 24.4
15.	Magnesium	Mg 2581.7	Mg 212.4
16.	Sodium (calculated)	Na 6840.4	Na 297.5
17.	Iron	Fe 7.5	
18.	Barium	Ba NR	
19.	Strontium	Sr NR	
20.	Total Hardness (CaCO3)	11850.7	

PROBABLE MINERAL COMPOSITION

*milli equivalents per Liter				Compound				Equiv wt X meq/L		mg/L	
+-----+				+-----+				-----			
24		*Ca <----- *HCO3		23		Ca(HCO3)2		81.0		22.6 1831	
		/----->				CaSO4		68.1		1.8 123	
212		*Mg -----> *SO4		12		CaCl2		55.5			
		<-----/				Mg(HCO3)2		73.2			
298		*Na -----> *Cl		500		MgSO4		60.2		10.1 606	
+-----+				+-----+				MgCl2		47.6 202.3 9632	
Saturation Values Dist. Water 20 C											
CaCO3				13 mg/L				NaHCO3		84.0	
CaSO4 * 2H2O				2090 mg/L				Na2SO4		71.0	
BaSO4				2.4 mg/L				NaCl		58.4 297.5 17388	

REMARKS: DICKERSON - BENNETT - FILE

Petrolite Oilfield Chemicals Group

Respectfully submitted,
SUE CRISS

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W.D. HOBBS
OFFICE

BUREAU OF LAND MANAGEMENT
CARLSBAD RESOURCE AREA

Disposal of Produced Water From Federal Wells

Conditions of Approval

Approval of the produced water disposal methodology is subject to the following conditions of approval:

1. This agency be notified of any change in your method or location of disposal.
2. Compliance with all provisions of NTL-2B.
3. This agency shall be notified of any spill or discharge as required by NTL-3A.
4. This agency reserves the right to modify or rescind approval whenever it determines continued use of the approved method may adversely affect the surface or subsurface environments.
5. All aboveground structures on the lease shall be painted sandstone brown, Federal Std. 595-20318, or 30318, within 90 days if you have not already done so.
6. Any on lease open top storage tanks or pits shall be covered with a wire screen or plastic/nylon netting to prevent entry by birds and other wildlife.
7. This approval does not constitute right-of-way approval for any off lease activities. If water is transported via a pipeline that extends beyond the lease boundary, then you need to submit within 30 days an application for right-of-way approval to the Realty Section in this office if you have not already done so.

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JOHN HOBBS
OFFICE