

New Mexico Oil Conservation Division, District I
UNITED STATES 1625 N. French Drive
DEPARTMENT OF THE INTERIOR Hobbs, NM 88240
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Occidental Permian Limited Partnership

157984

3a. Address

P.O. Box 50250, Midland, TX 79710-0250

3b. Phone No. (include area code)

432-685-5717

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

660 FNL 660 FEL NENE(A) Sec 22 T24S R37E

5. Lease Serial No.

LC060579 - MNM88493

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
South Mattix Unit Federal

8. Well Name and No.

#15

9. API Well No.

30-025-20513

10. Field and Pool, or Exploratory Area
Fowler Drinkard

11. County or Parish, State

Lea NM

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

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☒ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☐ Other

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

1.) The producing formation is the Drinkard.

2.) 4 BWPD is currently being produced.

3.) The Water Analysis is attached.

4.) Produced water is stored at the central battery SWNE-15-24-37

5.) Produced water is being moved through a transfer line to the Disposal Facility.

6.) SWD Facility

Fowler SWD - SWD76

SEC-T-R

9-24-37

APPROVED

OCT - 4 2005

GARY GOURLEY
PETROLEUM ENGINEER

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

David Stewart

Title

Sr. Regulatory Analyst

Date

9/29/05

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, 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.

MITCHELL ANALYTICAL LABORATORY

2638 Faudree
Odessa, Texas 79765-8538
561-5579

Company: **Nalco Energy Services**

Well Number: Frontier SMU 15
Lease: OXY
Location:
Date Run: 9/28/2005
Lab Ref #: 05-sep-n26521

Sample Temp: 70
Date Sampled: 9/27/2005
Sampled by: Mike Athey
Employee #: 27-008
Analyzed by: DOM

Dissolved Gases

		Mg/L	Eq. Wt.	MEq/L
Hydrogen Sulfide (H ₂ S)		.00	16.00	.00
Carbon Dioxide (CO ₂)	NOT ANALYZED			
Dissolved Oxygen (O ₂)	NOT ANALYZED			

Cations

		Mg/L	Eq. Wt.	MEq/L
Calcium (Ca ⁺⁺)		6,753.60	20.10	336.00
Magnesium (Mg ⁺⁺)		2,098.40	12.20	172.00
Sodium (Na ⁺)		35,757.66	23.00	1,554.68
Barium (Ba ⁺⁺)				
	NOT ANALYZED			
Manganese (Mn ⁺)		1.22	27.50	.04

Anions

		Mg/L	Eq. Wt.	MEq/L
Hydroxyl (OH ⁻)		.00	17.00	.00
Carbonate (CO ₃ ⁼)		.00	30.00	.00
BiCarbonate (HCO ₃ ⁻)		.00	61.10	.00
Sulfate (SO ₄ ⁼)		3,200.00	48.80	65.57
Chloride (Cl ⁻)		71,078.10	35.50	2,002.20
Total Iron (Fe)		93.9	18.60	5.05
Total Dissolved Solids		118,982.89		
Total Hardness as CaCO ₃		25,487.44		
Conductivity MICROMHOS/CM		240,000		

pH 3.680 Specific Gravity 60/60 F. 1.083

CaSO₄ Solubility @ 80 F. 37.69 MEq/L, CaSO₄ scale is likely

CaCO₃ Scale Index

70.0	-7.991	100.0	-7.671	130.0	-7.091
80.0	-7.871	110.0	-7.401	140.0	-7.091
90.0	-7.671	120.0	-7.401	150.0	-6.761

Nalco Energy Services

SUBJECT: SALT WATER DISPOSAL WELL

ORDER NO. SWD-76

THE APPLICATION OF PAN AMERICAN
PETROLEUM CORPORATION FOR A SALT
WATER DISPOSAL WELL.

ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION COMMISSION

Under the provisions of Rule 701 (C) Pan American Petroleum Corporation, made application to the New Mexico Oil Conservation Commission on August 30, 1968, for permission to complete for salt water disposal its Meyers "B" Well No. 14 located in Unit I of Section 9, Township 24 South, Range 37 East, NMPM, Lea County, New Mexico.

The Secretary-Director finds:

1. That application has been duly filed under the provisions of Rule 701 (C) of the Commission Rules and Regulations;
2. That satisfactory information has been provided that all offset operators, surface owners, and the New Mexico State Engineer Office have been duly notified; and
3. That the applicant has presented satisfactory evidence that all requirements prescribed in Rule 701 (C) will be met.
4. That no objections have been received within the waiting period prescribed by said rule.

IT IS THEREFORE ORDERED:

That the applicant herein, Pan American Petroleum Corporation, is hereby authorized to complete its Meyers "B" Well No. 14 located in Unit I of Section 9, Township 24 South, Range 37 East, NMPM, Lea County, New Mexico, in such a manner as to permit the injection of salt water for disposal purposes into the San Andres formation at approximately 3901 feet to approximately 4900 feet through tubing.

IT IS FURTHER ORDERED:

That jurisdiction of this cause is hereby retained by the Commission for such further order or orders as may seem necessary or convenient for the prevention of waste and/or protection of correlative rights; upon failure of applicant to comply with any requirement of this order after notice and hearing, the Commission may terminate the authority hereby granted in the interest of conservation. That applicant shall submit monthly reports of the disposal operation in accordance with Rules 704 and 1120 of the Commission Rules and Regulations.

APPROVED at Santa Fe, New Mexico, on this 14th day of September, 1968.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

A. L. Porter, Jr.
A. L. PORTER, Jr.
Secretary-Director

SEAL