

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
SUNDRY NOTICES AND REPORTS ON WELLS

N.M. Oil Conservation Division
P.O. Box 190
Hobbs, NM 88241
FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

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

SUBMIT IN TRIPLICATE

Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

Name of Operator

Shackelford Oil Company

Address and Telephone No.

P. O. Box 10665, Midland, TX 79702, (915) 682-9784

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

1980' FNL and 660' FEL Sec. 10 T20S R33E

5. Lease Designation and Serial No.

NMNM 17439

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Tonto Federal #1

9. API Well No.

30 02529265

10. Field and Pool, or Exploratory Area

Wildcat Delaware

11. County or Parish, State

Lea County, NM

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

TYPE OF SUBMISSION

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

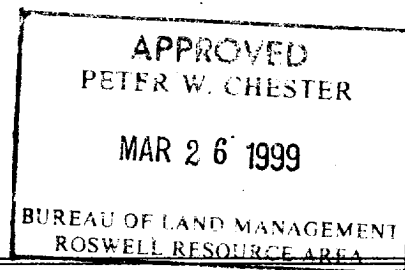
TYPE OF ACTION

☐ 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 Recompletion Report and Log form.)

3. 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 mearkers and zones pertinent to thei work.)*

This Sundry Notice is filed requesting approval for disposal of produced water from this lease in our Disposal Well Perry Federal #1 located in Sec. 23 T20S R33E Lea County, NM



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

Signed

Title

Owner

Date

2/25/99

This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

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.

*See Instruction on Reverse Side

Information related to water disposal from Tonto Federal #1

- 1) Formation - Delaware
- 2) Water Produced per day - 20 Barrels
- 3) See Exhibit for water sample
- 4) Water stored in 210 BBL. steel tank
- 5) Water moved to facility by truck
- 6) Disposal Facility
 - A) Operator's Name - Shackelford Oil Company
 - B) Well Name - Perry Federal #1
 - C) Well Type - SWDW
 - D) Location - 2310 FSL and 990 FWL Section 23 T 20S R33E Lea County, NM
- 7) Copy of Administrative Order No. SWD 388 attached



HALLIBURTON

CENTRAL OPERATIONS LABORATORY
WATER ANALYSIS REPORT
HOBBS, NEW MEXICO

COMPANY

Shackelford Oil Co.

REPORT

W99-045

DATE

February 26, 1999

DISTRICT

Hobbs

SUBMITTED BY

WELL

Tonto Fed # 1

DEPTH

FORMATION

COUNTY

Lea, NM

FIELD

SOURCE

SAMPLE

Sample Temp.

75

°F

RESISTIVITY

0.0522

SPECIFIC GR.

1.170

pH

6.37

CALCIUM

29,350

mpl

MAGNESIUM

4,650

mpl

CHLORIDE

158,000

mpl

SULFATES

738

mpl

BICARBONATES

73

mpl

SOLUBLE IRON

Mod

mpl

Sodium

60383

mpl

TDS

253,194

mpl

OIL GRAVITY

@

°F

REMARKS

Resistivity measured in: Ohm/m2/m

This report is the property of Halliburton Company and neither it nor any part thereof nor a copy thereof is to be published or disclosed without first securing the express written approval of laboratory management; it may however, be used in the course of regular business operations by any person or concern and employees thereof receiving such report from Halliburton Co.

ANALYST:



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

GARREY CARRUTHERS
GOVERNOR

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-5800

ADMINISTRATIVE ORDER NO. SWD-388

APPLICATION OF WOODBINE PETROLEUM COMPANY, INC.

**ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION DIVISION**

Under the provisions of Rule 701(B), Woodbine Petroleum Company, Inc. made application to the New Mexico Oil Conservation Division on April 2, 1990, for permission to complete for salt water its Perry Federal Well No. 1, located in Unit L of Section 23, Township 20 South, Range 33 East, NMPM, Lea County, New Mexico. *FILED MAY 3 1990*

THE DIVISION DIRECTOR FINDS THAT:

- (1) The application has been duly filed under the provisions of Rule 701(B) of the Division Rules and Regulations.
- (2) Satisfactory information has been provided that all offset operators and surface owners have been duly notified; and
- (3) The applicant has presented satisfactory evidence that all requirements prescribed in Rule 701 will be met.
- (4) No objections have been received within the waiting period prescribed by said rule.

IT IS THEREFORE ORDERED THAT:

- (1) The applicant herein, Woodbine Petroleum Company, Inc. is hereby authorized to complete its Perry Federal Well No. 1 located in Unit L of Section 23, Township 20 South, Range 33 East, NMPM, Lea County, New Mexico, in such a manner as to permit the injection of salt water for disposal purposes into the Yates formation at approximately 3377 feet to approximately 3394 feet through 2 3/8-inch plastic lined tubing set in a packer located at approximately 3277 feet.

IT IS FURTHER ORDERED THAT:

The operator shall take all steps necessary to ensure that the injected water enters only the proposed injection interval and is not permitted to escape to other formations or onto the surface.

Prior to commencing injection operations into the well, the casing shall be pressure tested from the surface to the packer setting depth to assure the integrity of said casing.

The casing-tubing annulus shall be loaded with an inert fluid and equipped with a pressure gauge at the surface or left open to the atmosphere to facilitate detection of leakage in the casing, tubing or packer.

The injection well or system shall be equipped with a pressure limiting device which will limit the wellhead pressure on the injection well to no more than 675 psi.

The Director of the Division may authorize an increase in injection pressure upon a proper showing by the operator of said well that such higher pressure will not result in migration of the injected fluid from the Yates formation. Such proper showing shall consist of a valid step-rate test run in accordance with and acceptable to this office.

The operator shall notify the supervisor of the Hobbs district office of the Division of the date and time of the installation of disposal equipment and of the mechanical integrity test so that the same may be inspected and witnessed.

The operator shall immediately notify the supervisor of the Hobbs district office of the Division of the failure of the tubing, casing or packer in said well and shall take such steps as may be timely and necessary to correct such failure or leakage.

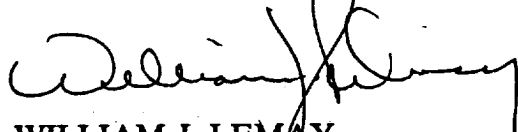
PROVIDED FURTHER THAT, jurisdiction of this cause is hereby retained by the Division for such further order or orders as may be deemed necessary or convenient for the prevention of waste and/or protection of correlative rights; upon failure of the operator to conduct operations in a manner which will ensure the protection of fresh water or in a manner inconsistent with the requirements set forth in this order, the Division may, after notice and hearing, terminate the injection authority granted herein.

The operator shall submit monthly reports of the disposal operations in accordance with Rule 706 and 1120 of the Division Rules and Regulations.

*Administrative Order No. SWD-388
Woodbine Petroleum Company, Inc.
May 23, 1990
Page 3*

Approved at Santa Fe, New Mexico, on this 23rd day of May, 1990.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION



WILLIAM J. LEMAY
Director

SEAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNSHINE

A Division

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995P.O. Box 1980
Hobbs, NM 88241

5. LEASE DESIGNATION AND SERIAL NO.

Nm Nm 17439

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Tonto Federal

9. API WELL NO.

30-025-29265

10. FIELD AND POOL, OR WILDCAT

Undesignated

11. SEC., T.R., M., OR BLOCK AND SURVEY OR AREA

SEC 10 T20 R33E

12. COUNTY OR PARISH
LEA13. STATE
NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other

b. TYPE OF COMPLETION:

NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☒ DIFF. REVR. ☐ Other

2. NAME OF OPERATOR

SHACKELFORD OIL Company

3. ADDRESS AND TELEPHONE NO.

P.O. Box 10665 MEDLAND, TX 79702 915-652-9784

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1980' FNL AND 660 FEL

At top prod. interval reported below 1980' FNL AND 660 FEL

At total depth

1980' FNL AND 660 FEL

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

16. DATE T.D. REACHED

17. DATE COMPL. (Ready to prod.)

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

21. PLUG BACK T.D., MD & TVD

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

6524-6534 DELAWARE

25. WAS DIRECTIONAL SURVEY MADE

N/A

26. TYPE ELECTRIC AND OTHER LOGS RUN

27. WAS WELL CORRED

N/A

28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

6524-6534

ACCEPTED FOR RECORD
(ORIG. SGD.) DAVID R. GLASS
SEP 29 1998

BLM

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1000 yds	NIFE ACID
3000 yds SAND	20-40 SAND

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
Feb 12, 1998		Flowing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
2/13/98	1	16/64	→	6.16	3.54	.5	
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)	
140 ps		→	14.3	3.5	12	42	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Vented

TEST WITNESSED BY

Ed Locke

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE

DATE

*(See Instructions and Spaces for Additional Data on Reverse Side)



LTR



Job separation sheet

N.M. Oil Corp.
P.O. Box 1980
Hobbs, NM 88241

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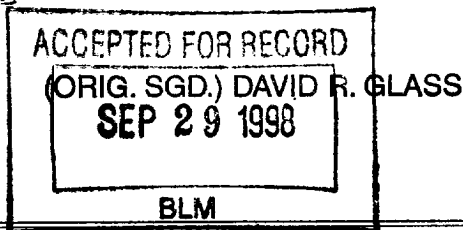
SUBMIT IN TRIPLICATE

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. <i>NMNM 17439</i>
2. Name of Operator <i>SHACKELFORD OIL COMPANY</i>	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. <i>P.O. Box 10665 Midland, TX 79702 (915) 682-9784</i>	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <i>Set 1980 FNL AND 660 FEL SECTION 10 T28S R33E</i>	8. Well Name and No. <i>Tank Federal 1</i>
	9. API Well No. <i>30-025-29265</i>
	10. Field and Pool, or Exploratory Area <i>UNDESIGNATED OIL</i>
	11. County or Parish, State <i>LEA</i>

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input checked="" type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other _____	<input type="checkbox"/> Dispose Water
(Note: Report results of multiple completion on Well Completion or Recompletion 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 their work.)*

- 1) Set CROP AT 6720
- 2) Perforated from 6524-6534
- 3) Acidize w/ 1000 gallons of 15% HCl Acid AND FRACED w/ 30,000 # of 20-40 SAND
- 4) Put well back on to production.



14. I hereby certify that the foregoing is true and correct		
Signed <i>[Signature]</i>	Title <i>President</i>	Date <i>2/20/98</i>
(This space for Federal or State office use)		
Approved by _____	Title _____	Date _____
Conditions of approval, if any:		

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.

*See Instruction on Reverse Side

2A Two Bone Spring