



# PATTERSON DRILLING COMPANY LP

A LIMITED PARTNERSHIP

410 North Loraine Street • Midland, Texas 79701

(915) 682-9401 • Fax (915) 682-1565

September 15, 2000

Shackelford Oil Company  
203 W. Wall  
Midland, TX 79701

Re: Deviation Report  
Tonto Federal #2

~~#~~ Unit A 10-20s-33e  
660N & 33D/E  
30-025-35101

Gentlemen:

The following is a deviation survey on the above-referenced well located in Lea County, New Mexico.

227' - 0.25	2844' - 2.75	4791' - 3.00
494' - 0.50	3095' - 3.75	4979' - 2.25
883' - 0.25	3157' - 4.00	5045' - 1.75
1316' - 0.25	3220' - 4.00	5341' - 1.75
1465' - 0.75	3280' - 3.00	5900' - 1.50
1569' - 0.75	3346' - 1.25	6344' - 0.75
1725' - 0.75	3529' - 2.50	6788' - 0.75
1943' - 0.75	3633' - 4.00	7231' - 0.75
2221' - 1.25	3696' - 3.25	7700' - 1.00
2410' - 1.75	3819' - 3.00	8158' - 0.75
2628' - 2.75	4102' - 2.75	
2749' - 3.00	4571' - 3.00	

Sincerely,

*Treva Forrester*

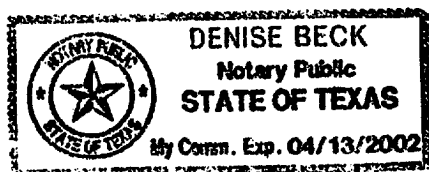
Treva Forrester

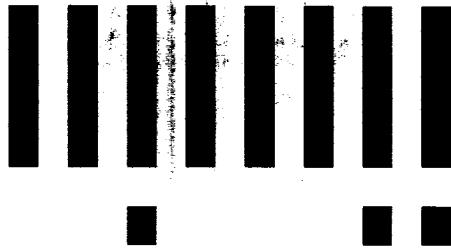
STATE OF TEXAS           )  
  )  
COUNTY OF MIDLAND    )

The foregoing was acknowledged before me this 15th day of September, 2000 by Treva Forrester.

MY COMMISSION EXPIRES:

*Denise Beck*  
NOTARY PUBLIC





**LTR**



**Job separation sheet**



N.M. Oil Cons. Commission  
1625 N. French Dr.  
Hobbs, NM 88240

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

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

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

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

330' FEL & 660' FNL  
Sec. 10 T-20-S R-33-E

5. Lease Designation and Serial No.

NMNM-17439

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

TONTO FEDERAL #2

9. API Well No.

30-02535101

10. Field and Pool, or Exploratory Area

TEAS DELAWARE

11. County or Parish, State

LEA COUNTY

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.)

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.)\*

PRODUCTION CASING:

Set 5 1/2" 17# Casing @ 8204'.  
Two stage cement job as follows:

1st Stage:

Lead  
185 sx 35/65 POZ  
Tail  
410 sx 50/50 POZ

2nd Stage:

Lead  
300 sx 50/50 POZ  
100 sx Class C

Circulated Cement to Surface.

TD @ 8204' 9-6-2000.

I hereby certify that the foregoing is true and correct

Signed

Title PRESIDENT

Date 9-13-2000

(Leave this space for Federal or State office use)

Title

Date

Approved by

Conditions of approval, if any:

Under 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

