

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM 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.*Oil Cons.  
N.M. DIV-0000552  
1301 W. Grand Avenue  
Artesia, NM 88210**SUBMIT IN TRIPLICATE - Other instructions on reverse side**1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator  
GREAT WESTERN DRILLING COMPANY3a. Address  
P.O. BOX 1659 MIDLAND TX 797023b. Phone No. (include area code)  
(915)682-52414. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1,650' FNL & 1,750' FWL  
SEC 11; T-19-S; R-30-E  
UNIT F SE NW

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

8. Well Name and No.  
MABEL HALE FEDERAL #79. API Well No.  
30-015-2678510. Field and Pool, or Exploratory Area  
SHUGART POOL (YATES GRAYBUR11. County or Parish, State  
EDDY,  
NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/ Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input checked="" type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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 recompletable horizontally, give subsurface locations 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 recompletable 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 site is ready for final inspection.)

THIS WELL WAS TA'd IN SEPTEMBER 1994 WITH A CIBP SET @ 2,875' (50' ABOVE TOP PERF).

GREAT WESTERN DRILLING COMPANY WOULD LIKE TO RESPECTFULLY REQUEST ANOTHER ONE YEAR EXTENSION FOR THE TEMPORARY ABANDONMENT STATUS OF THIS WELL.

A MECHANICAL INTEGRITY TEST WAS PERFORMED ON FEBRUARY 2, 2002. THIS TEST WAS SUCCESSFUL. PLEASE SEE ATTACHED CHART.

WE RECENTLY ATTEMPTED A RECOMPLETION OF THE MABEL HALE #3 AND ARE EVALUATING THE MABEL HALE #2 FOR RECOMPLETION.

FOLLOWING THESE ATTEMPTS, WE WILL BE ABLE TO DETERMINE THE UTILITY (IF ANY) AT MABEL HALE #7.

Accepted for record - NMOCD *TA* Approved For 12 Month PeriodEnding 2/2/200314. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

GINA KING

Title  
PRODUCTION TECHNICIANDate  
02/12/2002

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

(ORIG. SGD.) JOE G. LARA

Title *Petroleum Engineer*

Date

3/21/2002

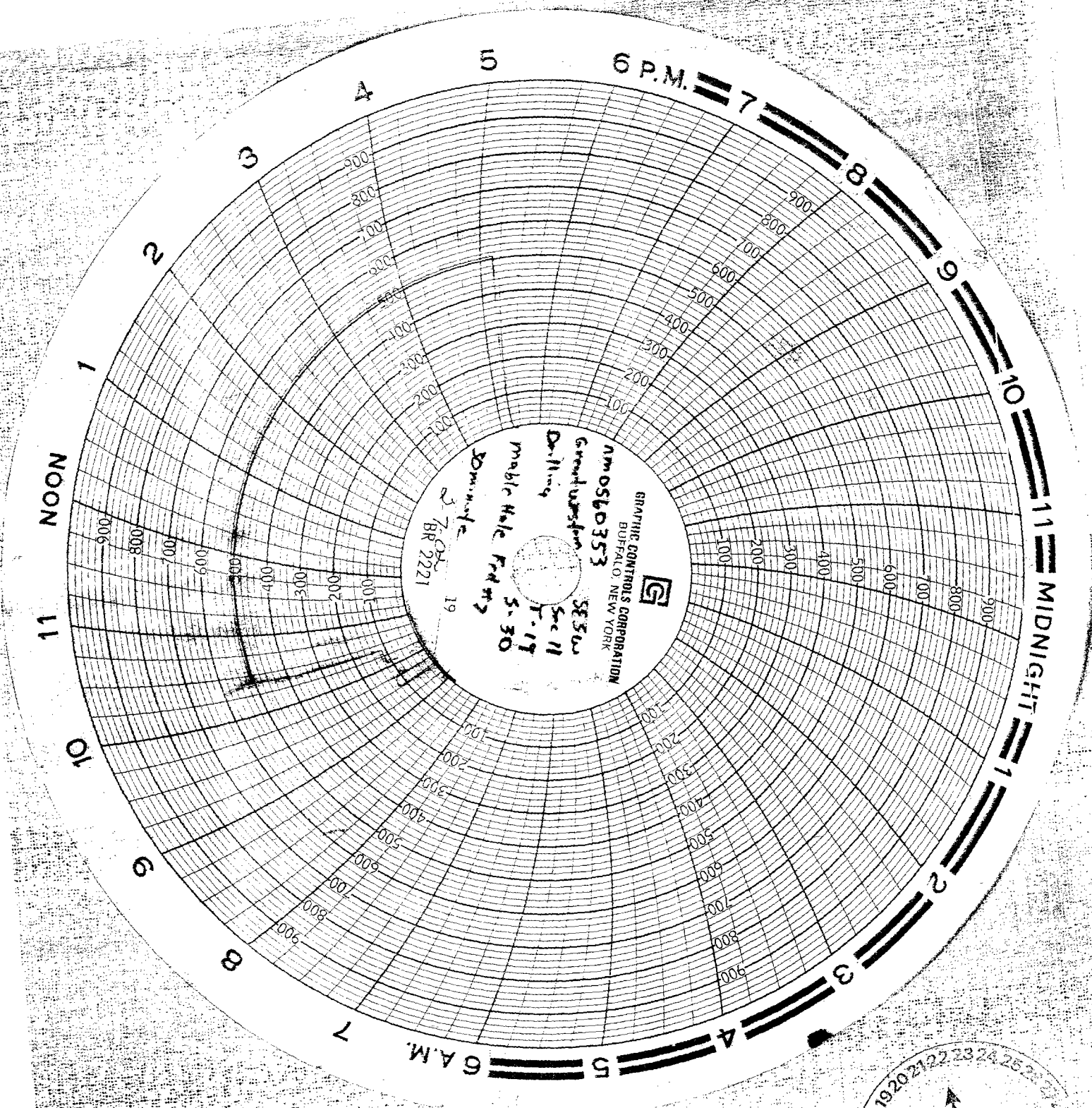
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

*CFO*

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.

(Instructions on reverse)



RECEIVED  
OCD - ARTESIA  
13 14 15 16 17 18 19 20 21 22 23 24 25 26 27

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division  
811 S. 1st Street  
Artesia, NM 88210-2834

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

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

GREAT WESTERN DRILLING COMPANY

3. Address and Telephone No.

P.O. BOX 1659 MIDLAND, TX 79702 (915) 682-5241

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

1,650' FNL & 1,750' FWL  
SECTION 11, T-19-S, R-30-E  
UNIT F SE NW

5. Lease Designation and Serial No.

NM-0560353

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

MABEL HALE FEDERAL #7

9. API Well No.

30-15-26785

10. Field and Pool, or Exploratory Area

SHUGART POOL (YATES-Q GRAYBURG)

11. County or Parish, State

EDDY, 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 TEMP. ABANDONMENT  
☐ 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.)

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.)\*

THE REASON FOR THE TEMPORARY ABANDONMENT IS THAT WATERFLOOD IN THE SHUGART YATES / SEVEN RIVERS / QUEEN HAS BEEN VERY SUCCESSFUL AND THE #7 WELL WILL LIKELY BE CONVERTED AND USED FOR INJECTION SUPPORT IN THE FUTURE SECONDARY OPERATIONS.

THE WELL WAS TA'd IN SEPTEMBER 1994 WITH A CIBP SET @ 2,875' (50' ABOVE TOP PERF). THE CASING WAS TESTED TO 500 PSI FOR 30".

GREAT WESTERN DRILLING COMPANY WOULD LIKE TO RESPECTFULLY REQUEST ANOTHER ONE YEAR EXTENSION FOR THE TEMPORARY ABANDONMENT STATUS OF THIS WELL.

11-4-99 A MECHANICAL INTEGRITY TEST WAS PERFORMED ON 11/4/99. THIS TEST WAS SUCCESSFUL. PLEASE SEE ATTACHED CHART.

TA Approved For 12 Month Period  
Ending 11/4/2000

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

Signed

Title PRODUCTION TECHNICIAN

Date 11/12/99

(This Space for Federal on State of (if use))

Approved by

Title

Petroleum Engineer

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N. M. Oil Cons. Division

811 S. 1ST ST.  
ARTESIA, NM 88210-2834

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

SUNDRY NOTICES AND REPORTS ON WELLS

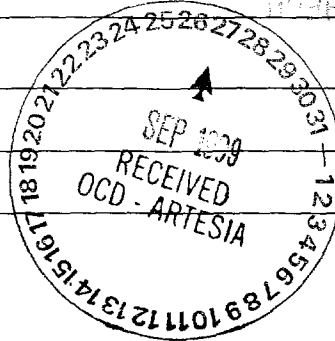
Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT-" for such proposals

RECEIVED

SUBMIT IN TRIPLICATE

BUREAU OF LAND MGMT.  
DOORS, NEW MEXICO

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other  
2. Name of Operator  
GREAT WESTERN DRILLING COMPANY  
3. Address and Telephone No.  
P.O. BOX 1659 MIDLAND, TX 79702 (915) 682-5241  
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1,650' FNL & 1,750' FWL  
SECTION 11, T-19-S, R-30-E  
UNIT F SE NW



5. Lease Designation and Serial No.  
NM-0560353  
6. If Indian, Allottee or Tribe Name  
3: 02  
7. If Unit or CA, Agreement Designation  
8. Well Name and No.  
MABEL HALE FEDERAL #7  
9. API Well No.  
30-15-26785  
10. Field and Pool, or Exploratory Area  
SHUGART POOL (YATES-Q GRAYBURG)  
11. County or Parish, State  
EDDY, NM

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 type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input 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 checked="" type="checkbox"/> Other TEMP. ABANDONMENT	<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 this work.)

THE REASON FOR THE TEMPORARY ABANDONMENT IS THAT WATERFLOOD IN THE SHUGART YATES / SEVEN RIVERS / QUEEN HAS BEEN VERY SUCCESSFUL AND THE #7 WELL WILL LIKELY BE CONVERTED AND USED FOR INJECTION SUPPORT IN THE FUTURE SECONDARY OPERATIONS.

THE WELL WAS TA'd IN SEPTEMBER 1994 WITH A CIBP SET @ 2,875' (50' ABOVE TOP PERF). THE CASING WAS TESTED TO 500 PSI FOR 30".

GREAT WESTERN DRILLING COMPANY WOULD LIKE TO RESPECTFULLY REQUEST ANOTHER ONE YEAR EXTENSION FOR THE TEMPORARY ABANDONMENT STATUS OF THIS WELL.

DENIED

RECEIVED  
1994 SEP 15 P 2:14  
BUREAU OF LAND MGMT.  
DOORS, NEW MEXICO

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

Signed David R. Glass  
(This space for Federal or State office use)  
Approved by (ORIG. SGD.) DAVID R. GLASS  
Conditions of approval, if any:

Title PRODUCTION TECHNICIAN

Date 09/13/99

Title PETROLEUM ENGINEER

Date SEP 22 1999

SEE ATTACHED FOR

CONDITIONS OF APPROVAL

Title 18 U.S.C. Section 101 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.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

RECEIVED  
1997 MAY 14 AM 11:11

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.  
NM-0560353

If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

MAY 23 1997

7. If Unit or CA, Agreement Designation

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

GREAT WESTERN DRILLING COMPANY

3. Address and Telephone No.

P.O. BOX 1659 MIDLAND, TEXAS 79702

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

1650' FNL & 1750' FWL, SEC. 11, T-19-S, R-30-E,  
(Unit F) (SE NW)

8. Well Name and No.  
MABEL HALE  
FEDERAL #7

9. API Well No.

30-15-26785

10. Field and Pool, or Exploratory Area

SHUGART POOL (YATES-

11. County or Parish, State Q-GRAYBUR

EDDY, NM

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 type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input 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 checked="" type="checkbox"/> Other TEMP. ABANDONMENT	<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 this work.)\*

The reason for the temporary abandonment is that waterflood in the Shugart Yates / Seven Rivers/ Queen has been very successful and the #7 well will likely be converted and used for injectin support in the future secondary operations.

The well was TA'd in September 1994 with a CIBP set @ 2,875' (50' above top perf). The casing was tested to 500 psi for 30".

Great Western Drilling would like to respectfully request another one year extension for the temporary abandonment status of this well.

APPROVED FOR 12 MONTH PERIOD  
ENDING MAY 20 1998

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

Signed

Title Gina Howard, Production Tech Date May 13, 1997

(This space for Federal or State office use)

(ORIG. SGD.) DAVID R. GLASS

PETROLEUM ENGINEER

Approved by  
Conditions of approval, if any:

Title

Date

MAY 20 1997

SF

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
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

SUBMIT IN TRIPLICATE

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

GREAT WESTERN DRILLING COMPANY

3. Address and Telephone No.

P.O. BOX 1659 MIDLAND, TEXAS 79702

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

1,650' FNL & 1,750' FWL, SEC. 11, T-19-S, R-30-E,  
(Unit F) (SE NW)

5. Lease Designation and Serial No.

NM - 0560353

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

MABEL HALE FEDERAL #7

9. API Well No.

30-15-26785

10. Field and Pool, or Exploratory Area

SHUGART POOL (YATES-SR)

11. County or Parish, State Q-GRAYBURG

EDDY, 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 TEMP. ABANDONMENT

- ☐ 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.)

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.)\*

THE REASON FOR THE TEMPORARY ABANDONMENT IS THAT WATERFLOODING IN THE SHUGART YATES / SEVEN RIVERS' / QUEEN HAS BEEN VERY SUCCESSFUL AND THE #7 WELL WILL LIKELY BE CONVERTED AND USED FOR INJECTION SUPPORT IN THE FUTURE SECONDARY OPERATIONS.

THE WELL WAS TA'd IN SEPTEMBER 1994 WITH A CIBP SET @ 2,875' (50' ABOVE TOP PERF). THE CASING WAS TESTED TO 500 PSI FOR 30".

GREAT WESTERN DRILLING WOULD LIKE TO RESPECTFULLY REQUEST ANOTHER ONE YEAR EXTENSION FOR THE TEMPORARY ABANDONMENT STATUS OF THIS WELL.

TA APPROVED FOR 12 MONTH PERIOD  
ENDING 5/16/97

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

Signed

Title GINA HOWARD, PROD TECH.

Date MAY 15, 1996

(This space for Federal or State office use)

Approved by

(ORIG SEC) JEFF LARA

Title

PETROLEUM ENGINEER

Date

6/6/96

Conditions of approval, if any:

BR

Form 360-3  
(June 1990)

RECEIVED  
MAY 9 10 48 AM '95  
CAMP  
AREA

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

NM OIL CONS COMMISSION  
Drawer DD  
Artesia, NM 88210  
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

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Great Western Drilling Company

3. Address and Telephone No.

P.O. BOX 1659, Midland, Texas 79702

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

1,650' FNL & 1,750' FWL, Sec. 11, T-19-S, R-30-E,  
(Unit F) (SE NW)

5. Lease Designation and Serial No.  
NM-0560353

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Mabel Hale Federal No.

9. API Well No.

30-15-26785

10. Field and Pool, or Exploratory Area

Shugart Pool (Yates-SR-

11. County or Parish, State Q-Grayburg

Eddy, 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 Temp Aband.  
☐ 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.)

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.)\*

The reason for the temporary abandonment is that waterflooding in the Shugart Yates/Seven Rivers/Queen has been very successful, and the #7 well will likely be converted and used for injection support in the future secondary operations.

9/14/95 Pulled producing equipment. SDFN

9/15/95 Set CIBP @ 2,875' (50' above top perf). Pressured up casing to 500 psi & tested csg for 30 minutes. Duncan Witlock w/BLM witnessed test. Displaced hole with corrosion inhibited fluid. Laid down equipment & T/A'd well.

TA APPROVED FOR 12 MONTH PERIOD  
ENDING 9/15/95

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

Signed Amadawar Title Production Tech. Date May 8, 1995

(This space for Federal or State office use)

Approved by (ORIG. SGD.) JOE G. LARA

Title PETROLEUM ENGINEER

Date 6/12/95

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

NM OIL CONS COMMISSION

Drawer DD  
Artesia, NM 88810

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

SUBMIT IN TRIPLICATE

SEP 26 '94

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Great Western Drilling Company

3. Address and Telephone No.

P.O. BOX 1659, Midland, Texas 79702

Phone (915) 682-5241

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

1,650' FNL & 1,750' FWL, Sec. 11, T-19-S, R-30-E,  
(Unit F) (SE NW)

5. Lease Designation and Serial No.

NM-0560353

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Mabel Hale Federal No 7

9. API Well No.

30 015 26785

10. Field and Pool, or Exploratory Area

Shugart Pool (Yates-SR-

11. County or Parish, State

Q-Grayburg

Eddy, 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  
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☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Other Temporary Abandon  
☐ 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.)

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.)\*

The reason for the temporary abandonment is that waterflooding in the Shugart Yates/Seven Rivers/Queen has been very successful, and the #7 well will likely be converted and used for injection support in future secondary operations.

Procedure for T/A of well:

1. Pull producing equipment.
2. Set cast iron bridge plug @ 2,875' (50' above top perf).
3. Pressure test bridge plug and casing to 500 psi for 30 minutes. Notify BLM 24 hrs. prior to testing.
4. Displace hole with corrosion inhibited fluid.
5. Lay down equipment and T/A well.

To be completed by September 15, 1994.

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

Signed [Signature]

Title Production Tech

Date August 23, 1994

(This space for Federal or State office use)

Approved by (ORIG. SGD.) JOE G. LARA

Title PETROLEUM ENGINEER

Date 9/22/94

Conditions of approval, if any: See attached.



BUREAU OF LAND MANAGEMENT  
CARLSBAD RESOURCE AREA

Temporary Abandonment of Wells on Federal Lands

Conditions of Approval

According to 43 CFR 3162.3-4-c, " No well may be temporarily abandoned for more than 30 days without the prior approval of the authorized officer".

Temporary Abandonment (TA) status approval requires a successful casing integrity test as follows:

1. Contact the appropriate BLM office at least 24 hours prior to the scheduled Casing Integrity Test. For wells in Eddy County call (505) 887-6544 ; for wells in Lea County call (505) 393-3612.
2. A bridge plug or packer shall be set at a maximum of 50 feet above any open perforations or open hole.
3. All downhole production/injection equipment (tubing, rods, etc.) shall be removed from the casing if they are not isolated by a packer.
4. The production casing shall be filled with corrosion inhibited fluid and pressure tested to 500 psi. The casing shall be capable of holding this pressure for at least 30 minutes with a 10% allowable leak-off.

Wells that successfully pass the casing integrity test will be approved for Temporary Abandonment (TA) status for 12 months provided that the operator:

1. Submits a subsequent Sundry Notice requesting TA approval,
2. Attaches a clear copy or the original of the pressure test chart,
3. And attaches a detailed justification why the well should not be plugged and abandoned.

The TA status could be extended without another casing integrity test provided there was no leak-off during the test.

If the well does not pass the casing integrity test, then the operator shall within 30 days submit to BLM for approval one of the following:

1. A procedure to repair the casing so that a TA approval can be granted.
2. A procedure to plug and abandon the well.

UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
NM 88210

Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ CONSERVATION ☐ OTHER ☐  
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐  
2. NAME OF OPERATOR: Great Western Drilling Company  
3. ADDRESS OF OPERATOR: P.O. Box 1659, Midland, TX 79702  
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements):  
At surface 1,650' FNL & 1,750' FWL, Sec. 11, T-19-S, R-30-E  
(Unit F) (SE NW)  
At top prod. interval reported below  
At total depth Same

14. PERMIT NO. API: #30 015 26785  
DATE ISSUED: MAY 8 1992  
15. DATE SPUDDED: 12-14-91  
16. DATE T.D. REACHED: 12-22-91  
17. DATE COMPL. (Ready to prod.): Evaluating  
18. ELEVATIONS (DF, RKB, RT, GR, ETC.): 3399' RKB  
19. ELEV. CASINGHEAD: 3,387'  
20. TOTAL DEPTH, MD & TVD: 3,160'  
21. PLUG, BACK T.D., MD & TVD: 2,990'  
22. IF MULTIPLE COMPL., HOW MANY: 1  
23. INTERVALS DRILLED BY: 10-3,160'  
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD):  
Top 2,925' - 2,955' Bottom (30'-60 holes) Queen  
25. WAS DIRECTIONAL SURVEY MADE: No  
26. TYPE ELECTRIC AND OTHER LOGS RUN: Dual Laterolog, Micro-SFL, Spectral Density, Dual Spaced Neutron Log  
27. WAS WELL CORED: No

CASING RECORD (Report all strings set in well)					AMOUNT PULLED
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE		
13-3/8"	48#	706' KBM	17-1/2"	710 Sxs. "C"	Cmt. Circulated
8-5/8"	24#	1,900' KBM	12-1/4"	590 Sxs. Lite + 480 Sxs "C"	to surface, had to 1" Cmt.
4-1/2"	10.50#	3,160' KBM	7-7/8"	275 Sxs. 35-65 Poz "C" + 80 Sxs "C" T-Cmt.	
				1,120' Temp. Survey	

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	2,952'	--

31. PERFORATION RECORD (Interval, size and number):  
(2-holes @ 3,000', Ret. @ 2,990' Squeeze below)  
Ret. w/50 Sxs "C" after breaking formation down w/500 gals. 15% NEFE acid)  
Perfs: 2,925'-2,955 (30'-60 holes)  
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.:  
DEPTH INTERVAL (MD): 2,925'-2,955  
AMOUNT AND KIND OF MATERIAL USED: 3,000 gals. 15% NEFE acid-fraced w/26,000 gals. cross-link gel w/24,000# 20-40 & 30,000# 19-20 Mesh Sd.

33.\* Note: Evaluating  
DATE FIRST PRODUCTION:   
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump):   
WELL STATUS (Producing or shut-in):   
DATE OF TEST:   
HOURS TESTED:   
CHOKE SIZE:   
PROD'N. FOR TEST PERIOD:   
OIL—BBL.:   
GAS—MCF.:   
WATER—BBL.:   
GAS-OIL RATIO:   
FLOW, TUBING PRESS.:   
CASING PRESSURE:   
CALCULATED 24-HOUR RATE:   
OIL—BBL.:   
GAS—MCF.:   
WATER—BBL.:   
OIL GRAVITY-API (CORR.):   
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.):   
TEST WITNESSED BY:

35. LIST OF ATTACHMENTS: 2 Sets Logs, Deviation Tests.  
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
SIGNED: M.B. Myers TITLE: Asst. to Gen. Supt. DATE: 04-30-92

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

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Yates Seven Rivers Queen	1,990' 2,370' 2,905'	2,370' 2,905' 3,160'	Sand, dolomite & anhydrite Dolomite and Sand Sand and Dolomite	B/Salt Yates Seven Rivers Queen	1,810' 1,990' 2,370' 2,905'	

WELL NAME AND NUMBER Mabel Hale Federal No. 7

LOCATION 1650' FNL & 1750' FWL, Section 11, T19S, R30E, Eddy County, N.M.

OPERATOR Great Western Drilling Company

RECEIVED

DRILLING CONTRACTOR United Drilling, Inc.

MAY - 1 1992

O. C. D.  
OFFICE

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and had conducted deviation tests and obtained the following results:

<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
<u>1/2° 512'</u>	<u>                    </u>	<u>                    </u>
<u>3/4° 1023'</u>	<u>                    </u>	<u>                    </u>
<u>1° 1516'</u>	<u>                    </u>	<u>                    </u>
<u>3/4° 1905'</u>	<u>                    </u>	<u>                    </u>
<u>1/4° 2403'</u>	<u>                    </u>	<u>                    </u>
<u>3/4° 3022'</u>	<u>                    </u>	<u>                    </u>
<u>3/4° 3160'</u>	<u>                    </u>	<u>                    </u>
<u>                    </u>	<u>                    </u>	<u>                    </u>

Drilling Contractor United Drilling, Inc.

By: W. M. Gibbs

Title: Business Manager

Subscribed and sworn to before me this 26<sup>th</sup> day of December,  
1991.

Karma Tankersley  
Notary Public

My Commission Expires: 9-25-95 Chaves N. M.  
County State

UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
RECEIVED MAY 10 1992

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

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Great Western Drilling Company

3. Address and Telephone No.

P.O. Box 1659, Midland, TX 79702, Pho. (915) 682-5241

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

1,650'FNL & 1,750'FWL, Sec. 11, T-19-S, R-30-E,  
(Unit F) (SE NW)

5. Lease Designation and Serial No.

NM-0560353

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Mabel Hale Federal, No. 7

9. API Well No.

#30 015 26785

10. Field and Pool or Exploratory Area

Shugart Pool  
(Yates-SR-Q-Grayburg)

11. County or Parish, State

Eddy, N.M.

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

Request 6 month extension to  
evaluate well.

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 markers and zones pertinent to this work.)\*

Great Western Drilling Company respectfully requests a 6-month extension to further  
evaluate well before recompleting or plug and abandoning. Well is currently shut in.

APPROVED FOR 6 MONTH PERIOD

ENDING 8/10/31/92

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

Signed M. A. McLeod

Title Asst. to Gen. Supt.

Date 04-30-92

(This space for Federal or State office use)

Approved by  
Conditions of approval, if any:

Title

Date 5/6/92

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

Form 3160-5  
(June 1990)

RECEIVED

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

ON DIVISION

APR 9 10 50 AM '92

## SUMMARY 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

SUBMIT IN TRIPLICATE

APR 17 1992

O.C.D.  
OFFICEFORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

5. Lease Designation and Serial No.

NM-0560353

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Mabel Hale Federal, No. 7

9. API Well No.

#30 015 26785

10. Field and Pool, or Exploratory Area

Shugart Pool  
(Yates-SR-Q-Grayburg)

11. County or Parish, State

Eddy, N.M.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Great Western Drilling Company

3. Address and Telephone No.

P.O. Box 1659, Midland, TX 79702, Pho. (915) 682-5241

4. Location of Well (Section, Township, Range, or Survey Description)

1,650 FNL & 1,650 FNL, Sec. 11, T-19-S, R-30-E,  
(Unit P) (SR No)

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 Completion☐ 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.)

13. Describe Proposed Work (Complete description of work clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface location and measured and true vertical depths for all markers and zones pertinent to this work.)\*

SUBSEQUENT REPORT OF Completion-T.D. 3,160', PBTD 3,120'.

01/06/92: Rigged up pulling unit, nipped up wellhead &amp; BOP, ran Cement Bond Log, tagged PBTD @ 3,120', perforated 4 1/2" Csg. from 2,925' to 2,955' w/2 SPF (30'-60 shots), w/3-1/8" gun, .33 dia. holes, 12 gunshots, 12" penetration, ran RTTS packer, S.N. &amp; 2-3/8" Tbg, tagged PBTD @ 3,120', pulled Bkt. to 2,867' &amp; set Pkr., RU-swab, swabbed well dry in 2 runs, no show of oil or gas, shut down.

01/07/92: Swabbed well dry. RU Smith Energy, pressured backside to 500 psi, acidized w/3,000 gals. 15% HCl acid &amp; 120 ball sealers down 2-3/8"OD, Tbg., formation broke at 2,800 psi back to 1,480 psi, well treated @ 3 BPM @ 1,480 psi, ISIP 1,400 psi, 5-Min. 1,160 psi &amp; 15 Min. 1,070 psi. Load to recover: 86 Bbls. Swabbed 29 Bbls. &amp; shut down, lack 57 Bbls. recovering load.

ILLEGIBLE

ACCEPTED FOR RECORD

APR 17 1992

- continued -

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

Signed M. A. [Signature]Title Asst. to Gen. Supt.Date 04/06/92

(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

Form 3160-5  
(June 1990)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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O. C. D.  
OFFICE

## SUMMARY 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

## SUBMIT IN TRIPLICATE

## 1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

## 2. Name of Operator

Great Western Drilling Company

## 3. Address and Telephone No.

P.O. Box 1659, Midland, TX 79702, Phn. (915) 682-5241

## 4. Location of Well (Section, Township, Range, or Survey Description)

1,650' FTL & 1,750' FTL, Sec. 11, T-19-S, R-30-E,  
(Unit F) (SR 19)FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

## 5. Lease Designation and Serial No.

NM-0560353

## 6. If Indian, Allottee or Tribe Name

## 7. If Unit or CA, Agreement Designation

## 8. Well Name and No.

Mabel Hale Federal, No. 7

## 9. API Well No.

#30 015 26785

## 10. Field and Pool, or Exploratory Area

Shugart Pool  
(Yates-SR-Q-Grayburg)

## 11. County or Parish, State

Eddy, N.M.

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

## TYPE OF SUBMISSION

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

## TYPE OF ACTION

- ☐
- Abandonment
- 
- ☐
- Recompletion
- 
- ☐
- Plugging Back
- 
- ☐
- Casing Repair
- 
- ☐
- Altering Casing
- 
- ☒
- Other Completion
- 
- ☐
- 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.)

## 13. Describe the proposed completion 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.)\*

01/08/92: SHIP 5 psi, swabbed Tbg dry recovering 6 bbls. fluid w/skim of oil. Pulled Tbg &amp; Pkr. 10 Smith Energy, installed tree saver, tested treating lines, fraced w/26,000 gals. cross-link gel containing 24,000 lbs. 20-40 mesh sand &amp; 39,000 lbs. 12-20 mesh sand, treated @ avg. rate 20 Bbl @ avg. press. 2,300 psi. ISIP 2,200 psi, 5 Min. 2,010 psi &amp; 15 Min. 1,650 psi. Load to recover: 717 Bbls. Left well shut in.

01/09/92: SHIP 590 psi. Bled pressure off, ran Tbg w/notch collar &amp; S.N. on bottom, tagged sand @ 2,016', pulled Tbg to 2,807' (Csg. Perfs. 2,925'-2,955'), swabbed &amp; recovered 132 bbls. wtr. &amp; small show of gas. Lack 585 bbls. recovering load. Shut well in.

01/10/92: SHIP 5 psi &amp; Csg. pressure 0, fluid level 600' from surface, swabbed 53 bbls., POH w/tubing, ran pumping installation, tagged sand @ 2,990', swung Tbg. @ 2,952' built pad for pumping unit, set D 160 Unit. Lack 532 bbls. recovering load.

ILLEGIBLE

- continued -

APR 12 1992

NEW MEXICO

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

Signed [Signature]Title Asst. to Gen. Supt.Date 04/06/92

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

Title 18 U.S.C. Section 101, 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

Form 3160-5  
(June 1990)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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APR 17 1992

O. C. D.  
OFFICEFORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

## SUMMARY 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

## SUBMIT IN TRIPLICATE

## 1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

## 2. Name of Operator

Great Western Drilling Company

## 3. Address and Telephone No.

P.O. Box 1659, Midland, TX 79702, Pho. (915) 682-5241

## 4. Location of Well (Footage, Section, Township, Range, or Survey Description)

1,650' FNL & 1,750' FWL, Sec. 11, T-19-S, R-30-E,  
(Unit F) (SE 1/4)

## 5. Lease Designation and Serial No.

NM-0560353

## 6. If Indian, Allottee or Tribe Name

## 7. If Unit or CA, Agreement Designation

## 8. Well Name and No.

Mabel Hale Federal, No. 7

## 9. API Well No.

#30 015 26785

## 10. Field and Pool, or Exploratory Area

Shugart Pool  
(Yates-SR-Q-Grayburg)

## 11. County or Parish, State

Eddy, N.M.

## 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

- ☐
- Abandonment
- 
- ☐
- Recompletion
- 
- ☐
- Plugging Back
- 
- ☐
- Casing Repair
- 
- ☐
- Altering Casing
- 
- ☒
- Other Completion
- 
- ☐
- 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.)

## 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, tool measured and true vertical depths for all markers and zones pertinent to this work.)\*

01/12-20/92: Recovered all load, plus 17 bbls. over load.

01/21-30/92: Recovered 1,324 bbls. over load w/trace of oil.

01/31-2/24/92: This well - since Jan. 31st thru Feb. 24th, have recovered 21 BO &amp; 2,725 BW.

02/25-26/92: RU Pumping Unit - pulled pump installation. Tagged top of sand @ 2,961', bottom Csg. Test. @ 2,952'. Tbg. was setting @ 2,952' prior to tagging. RU Reverse Unit, reversed 159 feet of sand out of hole from 2,961' to 3,120'. Re-ran pumping installation &amp; placed well back on test.

02/27-03/06/92: Produced 5 BO &amp; 1,323 BW.

ILLEGIBLE

- continued -

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

Signed M. E. [Signature]Title Asst. to Gen. Supt.Date 04/06/92

(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



Form 3160-5  
(June 1990)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM 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.

RECEIVED

APR 17 1992

O. C. D.

## SUBMIT IN TRIPLICATE

## 1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

## 2. Name of Operator

Great Western Drilling Company ✓

## 3. Address and Telephone No.

P.O. Box 1659, Midland, TX 79702, Ph. (915) 682-5241

## 4. Location of Well (Footage, Section, Township, Range, or Survey Description)

1,650' FTL & 1,750' FTL, Sec. 11, T-19-S, R-30-E  
(Unit F) (SE NW)

## 5. Lease Designation and Serial No.

NM-0560353

## 6. If Indian, Allottee or Tribe Name

-----

## 7. If Unit or CA, Agreement Designation

-----

## 8. Well Name and No.

Mabel Hale Federal, No. 7

## 9. API Well No.

#30 015 26785

## 10. Field and Pool, or Exploratory Area

Shugart Pool  
(Yates-SR-O-Grayburg)

## 11. County or Parish, State

Eddy, N.M.

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

## TYPE OF SUBMISSION

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

## TYPE OF ACTION

- ☐
- Abandonment
- 
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- 
- ☐
- Casing Repair
- 
- ☐
- Altering Casing
- 
- ☒
- Other Completion
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- ☐
- 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.)

## 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 estimated and true vertical depths for all markers and zones pertinent to this work.)\*

03/07/92: Rigged up wireline. Ran Ra tracer and temperature. Survey indicates: tracer-channel down to 2,925'. Temperature channel down to 3,060'. Csg. Perfs: 2,925' to 2,955'. Shut well in.

03/10/92: Rigged up wireline. Perforated 2 holes @ 3,000'. Ran 4½" Cmt. Ret. on wireline and set @ 2,990'. Ran Cmt. Ret. stinger on 2-3/8" Tbg-stung in Ret. &amp; tried to pump into formation @ 2,500' without success. Shut down.

03/11/92: Pumped 500 gals. 15% NEFE acid. Worked acid, formation broke 2,900 psi to 1,800 psi, established rate, squeezed formation with 50 Sxs. Class "C" to 3,000 psi, reversed out excess cement. FTL. Ran pumping installation. Shut down.

03/12/92: Placed well back on test.

ILLEGIBLE

APR 17 1992

- continued -

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

Signed [Signature] Title Asst. to Gen. Supt. Date 04/06/92

(This space for Federal or State of 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

Form 3160-5  
(June 1990)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

APR 17 1992

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

## SUNDRY NOTICES AND REPORTS ON WELLS O. C. D.

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

## 1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

## 2. Name of Operator

Great Western Drilling Company

## 3. Address and Telephone No.

P.O. Box 1659, Midland, TX 79702, Pho. (915) 682-5241

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

1,650' FNL & 1,750' FWL, Sec. 11, T-19-S, R-30-E,  
(Unit F) (SE NW)

## 5. Lease Designation and Serial No.

NM-0560353

## 6. If Indian, Allottee or Tribe Name

-----

## 7. If Unit or CA, Agreement Designation

-----

## 8. Well Name and No.

Mabel Hale Federal, No. 7

## 9. API Well No.

#30 015 26785

## 10. Field and Pool, or Exploratory Area

Shugart Pool  
(Yates-SR-Q-Grayburg)

## 11. County or Parish, State

Eddy, N.M.

## 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 Completion
- 
- ☐
- 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.)

## 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.)\*

03/13-04/02/92: Produced 26 BO &amp; 1,714 BW.

Will continue testing.

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

Signed M. B. Meyer Title Asst. to Gen. Supt. Date 04/06/92

(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

Form 3160-5  
June 1990)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

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

5. Lease Designation and Serial No.

NM-0560353

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Mabel Hale Federal, No. 7

9. API Well No.

#30 015 26785

10. Field and Pool, or Exploratory Area

Shugart Pool  
(Yates-SR-Q-Grayburg)

11. County or Parish, State

Eddy, N.M.

RECEIVED  
CONSERVATION DIVISION  
JAN 18 1992  
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.

JAN 30 1992

O. C. D.

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well    ☐ Gas Well    ☐ Other

2. Name of Operator

Great Western Drilling Company ✓

3. Address and Telephone No.

P.O. Box 1659, Midland, TX 79702, Pho. (915) 682-5241

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

1,650' FNL & 1,750' FWL, Sec. 11, T-19-S, R-30-E,  
(Unit F) (SE NW)

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 See below
- ☐ 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 markers and zones pertinent to this work.)\*

SUBSEQUENT REPORT OF: Spudding, cementing 13-3/8" surface Csg., cementing 8-5/8" intermediate Csg., BOP test, logging &amp; cementing 4-1/2" production casing.

12/14/91: Spud 17-1/2" hole @ 12:00noon, 12-14-91. Notified Mr. Jim Amos with BLM prior to spud.

2/15/91: T.D. 17-1/2" hole @ 710' KBM @ 10:00AM, ran 16 jts. 13-3/8", 48#, WC-40, EW, ST&amp;C Csg., guide shoe, insert float &amp; 6 centralizers, set 695.36' @ 706.36' KBM, cemented w/710 lbs. Class "C" Cnt. + 2% CaCl2 mixed @ 14.8#/gal., plug down @ 4:13PM, 12-15-91, bumped plug w/560 psi, circulated 204 Sxs. cnt., Mr. Jim Amos w/BLM witnessed, cement fell approx. 21' from surface, called BLM, finished filling the 21' w/3 yds. of Redi-Mix (4 sks.), WOC 19-1/2 hrs. and nipples up.

2/16/91: TIH w/12-1/4" bit, drill collars and drill pipe, tested csg &amp; BOP to 650 psi for 0 min.-held, tagged top of cnt. @ 650', drilled Cnt. &amp; plug, now drilling 12-1/4" hole @ 10'.

- continued -

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

Signed M. B. Weyer Title Asst. to Gen. Supt. Date 01-15-92

(This space for Federal or State office use)

Approved by \_\_\_\_\_  
Conditions of approval, if any:

Title \_\_\_\_\_ Date \_\_\_\_\_

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

1992 535

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**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

**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. <b>NM-0560353</b>
2. Name of Operator <b>Great Western Drilling Company</b> ✓	6. If Indian, Allottee or Tribe Name - - -
3. Address and Telephone No. <b>P.O. Box 1659, Midland, TX 79702, Pho.(915)682-5241</b>	7. If Unit or CA, Agreement Designation - - -
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>1,650'FNL &amp; 1,750'FWL, Sec. 11, T-19-S, R-30-E, (Unit F) (SE NW)</b>	8. Well Name and No. <b>Mabel Hale Federa., No. 7</b>
	9. API Well No. <b>#30 015 26785</b>
	10. Field and Pool, or Exploratory Area <b>Shugart Pool (Yates-SR-O-Grayburg)</b>
	11. County or Parish, State <b>Eddy, N.M.</b>

2. 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 checked="" type="checkbox"/> Subsequent Report  <input type="checkbox"/> Final Abandonment Notice	<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <input type="checkbox"/> Abandonment  <input type="checkbox"/> Recompletion  <input type="checkbox"/> Plugging Back  <input type="checkbox"/> Casing Repair  <input type="checkbox"/> Altering Casing  <input checked="" type="checkbox"/> Other <u>See below</u> </div> <div style="width: 48%;"> <input type="checkbox"/> Change of Plans  <input type="checkbox"/> New Construction  <input type="checkbox"/> Non-Routine Fracturing  <input checked="" type="checkbox"/> Water Shut-Off  <input type="checkbox"/> Conversion to Injection  <input type="checkbox"/> Dispose Water           </div> </div>

(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 markers and zones pertinent to this work.)\*

**2/17/91:** T.D. 12-1/4" hole @ 1,905'KBM @ 7:30PM, 12-17-91, ran 43 jts. 8-5/8", 24#, J-55, T&C Csg., guide shoe, float collar & 10 centralizers, set 1,889' @ 1,900.01' KBM, cemented 1/590 Sxs. Lite containing 10% salt & 6% gel/sx., mixed @ 12.6#/gal., followed by 250 Sxs. class "C" cnt. containing 1% CaCl<sub>2</sub> mixed @ 14.8#/gal., bumped plug with 500 psi-float held key, plug down @ 6:00AM, 12-18-91, cnt. did not circulate, Mr. Jim Early w/BLM witnessed.

**2/18/91:** Ran temp. survey, found top of cnt. @ 640', ran 1" Kobe Tbg, tagged Cmt. @ 605', cemented 8-5/8" - 13-3/8" annulus w/230 Sxs. Class "C" Cmt. containing 1% CaCl<sub>2</sub>, mixed @ 4.8#/gal., circulated 11 sxs. cnt., Mr. Jim Early w/BLM witnessed, nipples up BOP and choke manifold, tested blind rams and choke manifold to 1,000 psi for 30 min.-held, tested csg & ipe rams to 1,000 psi for 30 min.-held.

**2/19/91:** TIH w/7-7/8" bit, DC's & DP, tagged cnt. @ 1,845', drilled out cnt & plug, now drilling 7-7/8" hole @ 1,905', top of Seven Rivers @ 2,295'.

**2/21/91:** Depth 3,130', drilling break 2,920'-2,950' broke from 3 min./ft. to 45 sec./ft., 60 units of gas with background gas of 2 units, no show in samples, drlg. break 3,000' - ,014' & 3,048'-3,056'.

- continued -

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

Signed *M. B. Meyer* Title Asst. to Gen. Supt. Date 01-15-92

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date SSS  
Conditions of approval, if any:

Article 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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**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

**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. <b>NM-0560353</b>
2. Name of Operator <b>Great Western Drilling Company</b>	6. If Indian, Allottee or Tribe Name -----
3. Address and Telephone No. <b>P.O. Box 1659, Midland, TX 79702, Pho.(915)682-5241</b>	7. If Unit or CA, Agreement Designation -----
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>650'FNL &amp; 1,750'FWL, Sec. 11, T-19-S, R-30-E, Unit F) (SE NW)</b>	8. Well Name and No. <b>Mabel Hale Federal, No.7</b>
	9. API Well No. <b>#30 015 26785</b>
	10. Field and Pool, or Exploratory Area <b>Shugart Pool</b>
	11. County or Parish, State <b>(Yates-SR-O-Grayburg)</b>
	<b>Eddy, N.M.</b>

**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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>See below</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

1. 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.)\*

**2/22/91:** TD 3,160', finished 7-7/8" hole @ 8:15AM, 12-22-91, ran logs: Dual Laterolog Micro FL & Spectral Density Dual Spaced Neutron Log.

**2/23/91:** Ran 75 jts 4-1/2", 10.50#, J-55, LT&C Csg., guide shoe, float collar & 10 centralizers, 3,149.02' set @ 3,160'KBM, cnt. w/275 Sxs 35-65 Poz "C" containing 6% D-20 & # salt/sx., mixed @ 12.7#/gal., followed w/80 sxs. class "C" cnt. containing 4.6# salt/sx., mixed @ 14.8#/gal., plug down @ 10:50AM, 12-23-91, talked to Mr. Jim Amos w/BLM, did not witness, WOC, ran temp. survey, found top of cnt. inside @ 3,120' and top outside @ 1,120', notified BLM, released rig @ 2:00PM, 12-23-91.

Now waiting on completion unit.

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

Signed M.B. Meyer Title Asst. to Gen. Supt. Date 01-15-92

(This space for Federal or State Office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date SSS

Conditions of approval, if any:

1992

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

NM-0560353

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

AN 10 23

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Mabel Hale Federal

9. WELL NO.

7

10. FIELD AND POOL, OR WILDCAT

Shuggart Pool (Yates Graybu 7R-Q)

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

Sec. 11-T19S-R30E

12. COUNTY OR PARISH

Eddy

13. STATE

NM

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

RECEIVED

2. NAME OF OPERATOR

Great Western Drilling Co. ✓

JAN 12 1992

3. ADDRESS OF OPERATOR

P.O. Box 1659, Midland, Texas 79702

O. C. D.  
ARTESIA OFFICE

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)  
At surface

1650' FNL & 1750' FWL, Unit F

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

3387.8 GL

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐

PULL OR ALTER CASING ☒

WATER SHUT-OFF ☐

REPAIRING WELL ☐

FRACTURE TREAT ☐

MULTIPLE COMPLETE ☐

FRACTURE TREATMENT ☐

ALTERING CASING ☐

SHOOT OR ACIDIZE ☐

ABANDON\* ☐

SHOOTING OR ACIDIZING ☐

ABANDONMENT\* ☐

REPAIR WELL ☐

CHANGE PLANS ☐

(Other) ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. 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.)\*

Notice to change proposed production casing size from 5½ to 4½, 10.5#

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

SIGNED

*L.W. Smith*

TITLE Division Superintendent

DATE 12-20-91

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

1/6/92

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Other instructions on  
reverse side.

88210

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒ JUL 12 AM DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL

OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. NAME OF OPERATOR

GREAT WESTERN DRILLING COMPANY

RECEIVED (Kenneth Smith)  
(505-396-5538)

3. ADDRESS OF OPERATOR

P.O. Box 1659

Midland, Texas 79702

JUL 09 1991

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

At surface

1650' FNL, 1750' FWL, Sec. 11-19S-31E

O. C. D. (UNIT F)  
ARTESIA OFFICE (SENW)

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

24 air miles northeast of Carlsbad, New Mexico

10. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

1650'

16. NO. OF ACRES IN LEASE

2160.32

17. NO. OF ACRES ASSIGNED

TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

400'±

19. PROPOSED DEPTH

3200'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

3387.8' GL

22. APPROX. DATE WORK WILL START\*

As Soon As Possible

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48#	685'	750 sx "C" + 2% CaCl <sub>2</sub> (Circ)
12-1/4"	8-5/8"	24#	1900'	1230 sx "C" + 2% CaCl <sub>2</sub> (Circ)
7-7/8"	5-1/2"	14#	3200'	400± sx "C" + 2% CaCl <sub>2</sub> ✓ Est. Top Cement - 1800'

Propose to drill to 3200'± to test Grayburg and intermediate formations.

This well is within the Designated Potash Area but outside of the NMOCD  
R-111-P Area.

Productive zones will be selectively perforated and stimulated.

See attached "SUPPLEMENTAL DRILLING DATA".

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

JERRY W. LONG

TITLE Permit Agent

DATE June 10, 1991

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

AREA MANAGER

CARLEND RESOURCE / RE/

APPROVED BY

TITLE

DATE

7-8-91

CONDITIONS OF APPROVAL TO:

GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS

ATTACHED

\*See Instructions On Reverse Side

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.

## OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

### DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

### DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

### DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

## WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator GREAT WESTERN DRILLING COMPANY			Lease MABEL <del>MABLE</del> HALE FEDERAL		Well No. 7
Unit Letter F	Section 11	Township 19 SOUTH	Range 30 EAST	County EDDY	
Actual Footage Location of Well: 1650 feet from the NORTH line and 1750 feet from the WEST line					
Ground level Elev. 3387.8	Producing Formation Yates-SR-Q-Grayburg		Pool Shugart	Dedicated Acreage: 40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.

2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

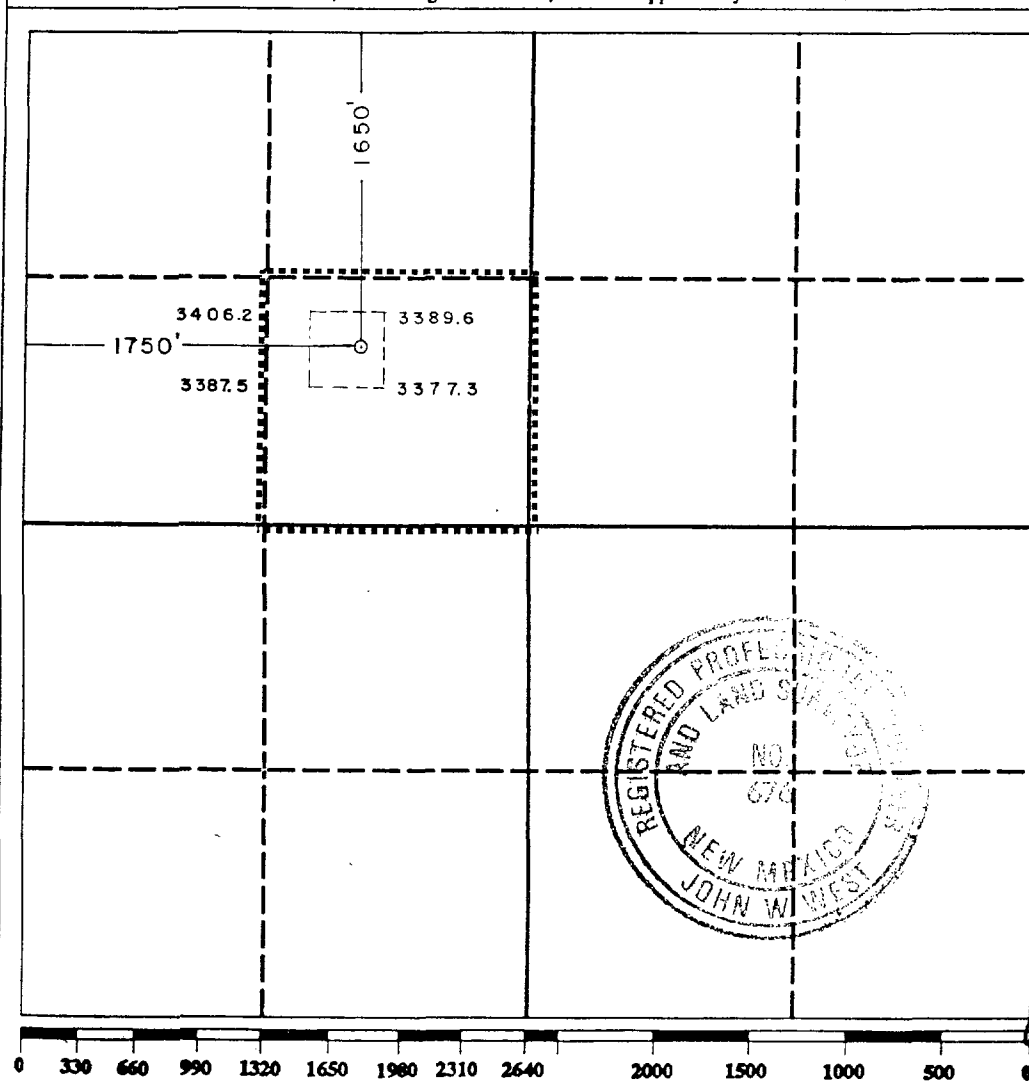
SINGLE LEASE

3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?

☐ Yes ☐ No If answer is "yes" type of consolidation NA

If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



### OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature

Printed Name

JERRY W. LONG

Position

Permit Agent

Company

GREAT WESTERN DRILLING CO.

Date

June 10, 1991

### SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

5-13-91

Signature & Seal of Professional Surveyor

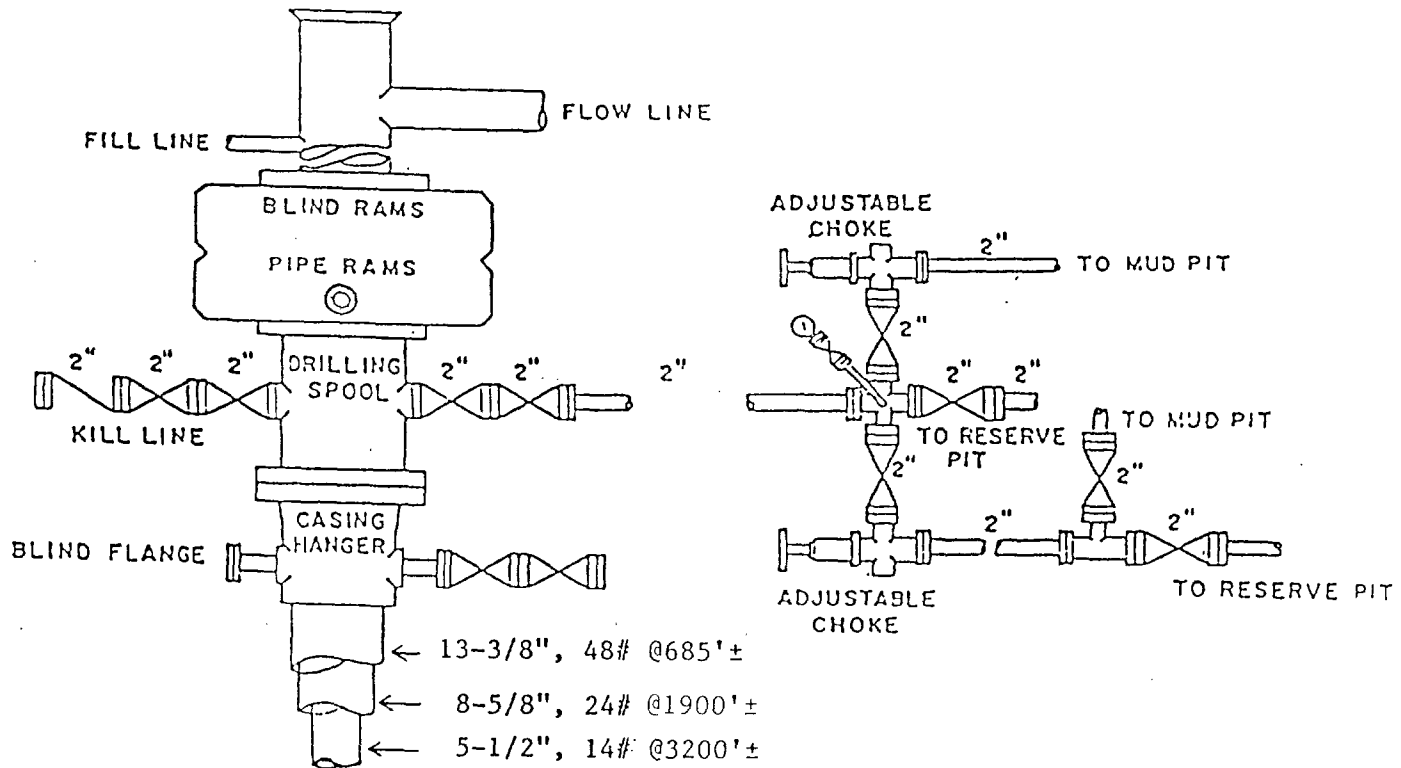
Certificate No. JOHN W. WEST, 676

RONALD J. EIDSON, 3239



GREAT WESTERN DRILLING COMPANY  
 No.7 Mabel Hale Federal  
 SENW Sec.11-19S-30E  
 Eddy County, N.M.

NM-0560353



BOP DIAGRAM

2000# Working Pressure  
 Rams Operated Daily

**WRS COMPLETION REPORT**COMPLETIONS SEC 11 TWP 19S RGE 30E  
PI# 30-T-0004 07/10/92 30-015-26785-0000 PAGE 1NMEX EDDY \* 1650FNL 1750FWL SEC SE NW  
STATE COUNTY FOOTAGE SPOT  
GREAT WESTERN DRLG D D  
OPERATOR WELL CLASS INIT FIN  
7 HALE MABEL FEDERAL  
WELL NO. LEASE NAME  
3388GR SHUGART  
OPER ELEV FIELD/POOL/AREA  
API 30-015-26785-0000LEASE NO. PERMIT OR WELL I.D. NO.  
12/14/1991 07/07/1992 ROTARY VERT TA  
SPUD DATE COMP. DATE TYPE TOOL HOLE TYPE STATUS  
3200 GRAYBURG UNITED DRL 3  
PROJ. DEPTH PROJ. FORM CONTRACTOR  
DTD 3160 PB 3120 FM/TD GRAYBURG  
DRILLERS T.D. LOG T.D. PLUG BACK TD OLD T.D. FORM T.D.**LOCATION DESCRIPTION**

10 MI S LOCO HILLS, NM

**CASING/LINER DATA**CSG 13 3/8 @ 605 W/ 1030 SACKS  
CSG 4 1/2 @ 3160 W/ 355 SACKS  
PERF 3000- 3000 W/ 2/FT W/ 50SX**PRODUCTION TEST DATA**PTP 26BOPD 1714BW 24HRS  
GRAYBURG PERF W/ 60/IT 2925- 2955  
PERF 2925- 2955  
ACID 2925- 2955 3000GALS  
15% NEFE  
SWFR 2925- 2955 26000GALS 63000LBS SAND  
ADDTVGELA**DRILLING PROGRESS DETAILS**GREAT WESTERN DRLG  
BOX 1659  
MIDLAND, TX 79702  
915-682-5241  
06/17 LOC/1991/  
12/16 DRLG 685  
12/30 3160 TD, WOCT  
01/15 3160 TD, PREP POP  
01/22 3160 TD, TSTG

CONTINUED IC# 300157021991

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**Petroleum Information  
Corporation**PI-WRS-GCT  
Form No 187

COMPLETIONS 07/10/92 SEC 11 TWP 19S RGE 30E  
PI# 30-T-0004 30-015-26785-0000 PAGE 2

GREAT WESTERN DRLG  
7 HALE MABEL FEDERAL D D

DRILLING PROGRESS DETAILS

02/05	3160 TD, RECG LD
03/10	3160 TD, PREP SQZ
03/25	3160 TD, TOP
04/27	3160 TD, PB 3120, TSTG
05/26	3160 TD, PB 3120, SI
	RIG REL 12/23/91
07/07	3160 TD, PB 3120
	COMP 7/7/92, TEMP ABND
	NO CORES OR DSTS RPTD