

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

RECEIVED

OCT 1 11 03 AM '91

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

RECEIVED

OCT 2 5 1991

O. C. D.
ARTESIA 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. 4

9. API Well No.

30 015 26792

10. Field and Pool, or Exploratory Area

Shugart Pool
(Yates-SR-O-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 (Footage, Sec., T., R., M., or Survey Description)

330'FNL & 860'FWL, Sec. 11, T-19-S, R-30-E
(Unit D) (NW NW)

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.)*

SUBSEQUENT REPORT OF: Completion - T.D. 3,120', PBD 3,065'.

08/26/91: Rigged up pulling unit, nipped up wellhead & BOP, ran Cement Bond Log, perforated 5-1/2" csg from 3,008' to 3,020' w/2 SPF (12'-24 shots) w/4" gun, .45" dia. holes, 18" to 23" penetration, 120° phasing, ran RTTS packer, S.N. & 2-3/8" Tbg, set packer @ 2,952', shut well in & shut down.

08/27/91: Opened well, ran swab, made 3 runs, swabbed well dry, recovered 11 bbls. wtr, acidized w/1,000 gals. 15% HCL & 48 RCN ball sealers, formation broke from 4,040 psi to 3,360 psi, treated @ avg. press. 1,900 psi @ 2.5BPM, ISIP 1,510 psi, 15 min. 1,300 psi, 60 min. 875 psi, opened well, bled pressure off, swabbed, recovered 1 BO & 20.5 BW, still 16.5 bbls under load, shut down.

08/28/91: SITP 95 psi (14 hrs.), swabbed well down, recovered 2 1/4 BW & 3/4 BO, unset pkr., POH, attempted frac w/15,000 gals. WF 130 containing 12,000 lbs. 20-40 & 19,500 lbs. 12-20 mesh sand, screened out @ 4,500 psi after pumping approx. 8,800 lbs. sand in formation, treated @ avg. press 2,100 psi @ 12 BPM, left approx. 12,400 lbs. Sd. in csg, ISIP 1,770 psi, 5 Min. 1,230 psi, shut down.

- continued -

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

Signed W. H. Meyer Title Asst. to Gen. Supt. Date 09-26-91

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

Date 5/5

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

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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. 4

9. API Well No.

30 015 26792

10. Field and Pool, or Exploratory Area

Shugart Pool
(Yates-SR-O-Grayburg)

11. County or Parish, State

Eddy, N.M.

SUBMIT IN TRIPLICATE

OCT 25 1991

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

O. C. D.

ARTESIA OFFICE

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)

330' FNL & 860' FWL, Sec. 11, T-19-S, R-30-E
(Unit D) (NW NW)

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.)*

08/29/91: 24 hr. SIP 580 psi.

08/30/91: 41 hr. SIP 400 psi, bled pressure off, ran 2-3/8" tbg & tagged sand @ 2,119', RU reverse unit, washed sand to 3,050', circ. hole clean, POH, ran 5 1/2" RITS Pkr., S.N. & Tbg. to 2,952' & set Pkr., made 3 runs w/swab from S.N., 4th run swab stopped, swab cups full of sand, shut down.

08/31/91: Unset pkr., POH, ran notch collar, S.N. & tbg to 2,878', swabbed, lowered Tbg to 3,026', swabbed, lowered Tbg to 3,055' (PBSD 3,065'), pulled & swung Tbg @ 2,945', swabbed total of 4BO, 102 BW & very little gas, shut well in & shut down, 181 bbls. under load.

09/02/91: SITP 40 psi, SICP 10 psi (SI 63 hrs.), swabbed, recovered 67 BW & 2 BO, had slight gas blow during swabbing, 114 BUL.

09/03/91: Set 5-1/2" CIBP @ 2,962' KBM, perforated 5-1/2" csg from 2,888' to 2,912' w/2 SPF (24'-48 shots), w/4" gun in 2 runs, .47" dia. holes, 22" penetration, 23 gram charges, 120° phasing, ran RITS pkr., S.N. & Tbg, set Pkr. @ 2,850' KBM w/12,000 lbs. compression, loaded back side w/21 BW & pressured to 670 psi, treated w/2,000 gals. 15% acid & 100-7/8" RCN ball sealers,

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

- continued -

Signed M. B. Meyer Title Asst. to Gen. Supt. Date 9-26-91

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Approved by _____ Title _____ Date SDS
Conditions of approval, if any: _____

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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 well. 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. NM-0560353
2. Name of Operator Great Western Drilling Company	6. If Indian, Allottee or Tribe Name -----
3. Address and Telephone No. P.O. Box 1659, Midland, TX 79702, Pho. (915)682-5241	7. If Unit or CA, Agreement Designation -----
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 330' FNL & 860' FWL, Sec. 11, T-19-S, R-30-E (Unit D) (NW NW)	8. Well Name and No. Mabel Hale Federal, No. 4
	9. API Well No. 30 015 26792
	10. Field and Pool, or Exploratory Area Shugart Pool (Yates-SR-O-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 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 Completion
	<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.)

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.)*

Formation broke @ 3,650 psi, treated @ avg. press. 1,320 psi @ 2½BPM, with very little ball action, ISIP 1,050 psi, 15 Min. 570 psi, 120 Min. 0 psi, load to recover: 59 bbls., swabbed 17BW, 42 BW under load.

09/04/91: SITP 40 psi (13 hrs.), swabbed, unset Pkr, recovered total of 63 BW (53 BW from backside) & 10 BW from formation, still lack 32 BW recovering load.

09/05/91: SI 14 hrs., CP 15 psi, opened well & installed tree-saver, fraced down the 5-½" csg w/30,240 gals. Cross-Link Gel containing 24,000 lbs. 20-40 & 39,000 lbs. 12-20 mesh sand @ 15 BPM @ avg. press. 2,030 psi, ISIP 2,250 psi, 15 Min. 2,036 psi, shut well in & shut down, load to recover: 789 Bbls.

09/07/91: Ran Tbg, tagged top of sand @ 2,912', pulled 3-Jts. Tbg to 2,818', swabbed 8 hrs., recovered 198 BW, still 591 BUL.

09/08/91: SITP 650 psi & SICP 710 psi (SI 39 hrs.), installed 12/64" choke, flowed & swabbed 111 BW & 2½ BO, 480 BUL.

- continued -

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Signed M. B. Meyer Title Asst. to Gen. Supt. Date 09-26-91

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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)

330'FNL & 860'FWL, Sec. 11, T-19-S, R-30-E
(Unit D) (NW NW)

5. Lease Designation and Serial No.

NM-8560353

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Mabel Hale Federal, No. 4

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09/10/91: Flowed 24 hrs. on 24/64" choke, FTP 25 psi w/CP 250 psi, recovered 117 BW & 8 BO, 363 BUL.09/11/91: Flowed 15 hrs. on 24/64" choke, FTP 15 psi & CP 300 psi, recovered 45 BW, bled down csg & lowered Tbg to 2,882', ran swab, found Tbg dry, swabbed 40 BW & 1½ BO, CP 310 psi, left tbg open to tank on 24/64" choke, shut down, 278 BUL.09/12/91: Flowed 12 hrs. on 24/64" choke, FTP 30 psi & CP 345 psi, recovered 32 BW, tbg died, bled down csg, lowered tbg & tagged sand @ 2,917', bottom of csg. perfs. @ 2,912', pulled Tbg to 2,912' & started swabbing, made two swab runs, pulled in lots of sand, pulled tbg to 2,882', swabbed & flowed the rest of day, in 24 hrs. recovered 70 BW & 4 BO, left well open on 24/64" choke to test tank, 208 BUL.09/13/91: Flowed & swabbed 58 BW & 22 BO, 150 BUL.09/14/91: Flowed & swabbed 27 BW & 10 BO, 123 BUL.

- continued -

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Signed M.B. Meyer Title Asst. to Gen. Supt. Date 09/26/91

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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)

330' FNL & 860' FWL, Sec. 11, T-19-S, R-30-E
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09/15/91: Flowed 24 hrs. on 48/64" choke, FTP 20 psi, CP 300 psi, recovered 32 BW & 24 BO, 91 BUL.

09/16/91: Flowed 19 hrs. on 48/64" choke, FTP 15 psi, CP 300 psi, recovered 20 BO & 22 BW, bled pressure off csg & POH w/tbg, rigged up reverse unit, ran 4-3/4" mill tooth bit, bit sub, 6 3-3/8" DC & tbg, tagged sand @ 2,909', washed down sand & tagged CIBP @ 2,962', drlg plug and tagged bottom @ 3,040', circ. hole clean & POH w/tbg, DC's & bit, shut well in, lost 90 bbls. fluid while drilling out, now 191 BUL.

09/17/91: SI 16 hrs., opened well & found well on vacuum, TIH w/tbg installation, swung tbg @ 3,009', perf. sub @ 2,982', S.N. @ 2,978' & tbg Anc. @ 2,821', RU swab, found fluid level 600' from surface, swabbed 8 hrs., recovered 112 BW & trace of oil, left well open on 24/64" choke to test tank.

09/18/91: Opened 16 hrs. on 24/64" choke, FTP 0 psi, CP 675 psi, no fluid produced, swabbed & flowed 10 hrs, recovered 10 BO & 90 BW, left well open on 24/64" choke to test tank.

- continued -

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Signed M. B. HagenTitle Asst. to Gen. Supt.Date 9/26/91

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09/19/91: FTP 0 psi & CP 550 psi, no fluid produced overnight, swabbed & flowed 55 BW & 15 BO, left well open on 24/64" choke to test tank, lack 98 bbls. recovering load.

09/20/91: FTP 0 psi & CP 610 psi, no fluid produced overnight, found fluid 1,200' from surface, swabbed & flowed 8 hrs., recovered 30 BO & 49 BW, left well open on 24/64" choke, lack 49 bbls recovering load.

09/21/91: FTP 0 psi & CP 610 psi, no fluid produced overnight, found fluid 1,500' from surface, swabbed & flowed 7 hrs., recovered 23 BO & 38 BW, changed chokes, left well open on 12/64" choke, 11 bbls under load.

09/22/91: Flowed 23 BO in 24 hrs. on 12/64" choke.

09/23/91: Flowed 17 hrs on 12/64" choke, recovered 17 BO & 8 BW, making preparations to install pumping unit and tank battery.

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

Signed M. B. W. W.Title Asst. to Gen. Supt.Date 9-26-91

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