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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-85

5a. Indicate Type of Lease
State Fee
5. State Oil & Gas Lease No.
V-488

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 -" (FORM C-101) FOR SUCH PROPOSALS.)

| | |
|--|---|
| 1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> | 7. Unit Agreement Name |
| 2. Name of Operator Great Western Drilling Company | 8. Farm or Lease Name State 82 |
| 3. Address of Operator P.O. Box 1659, Midland, TX 79702 | 9. Well No. 1 |
| 4. Location of Well UNIT LETTER <u>G</u> <u>1,980</u> FEET FROM THE <u>North</u> LINE AND <u>1,980</u> FEET FROM THE <u>East</u> LINE, SECTION <u>18</u> TOWNSHIP <u>15-S</u> RANGE <u>35-E</u> N.M.P.M. | 10. Field and Pool, or Wildcat Wildcat |
| 15. Elevation (Show whether DF, RT, GR, etc.) GR 4,031.1', KB 4,050.1' | 12. County Lea |

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK
TEMPORARILY ABANDON
PULL OR ALTER CASING
OTHER

PLUG AND ABANDON
CHANGE PLANS

SUBSEQUENT REPORT OF:

REMEDIAL WORK
COMMENCE DRILLING OPNS.
CASING TEST AND CEMENT JOBS
OTHER Completion

ALTERING CASING
PLUG AND ABANDONMENT

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

2/9/83: Rigged up pulling unit - installed BOP. Ran cement bond log. Tagged PBTD @ 10,646' w/wireline meas. Found poor cement bond from 10,646' to 10,430', bond indicates channeling. Found good bond from 10,430' to 7,700' & found top of cement @ 5,760'.

2/10-11/83: Perforated 1 hole @ 10,460' & 1 hole @ 10,460.5', dia. .50", penetration 18". Ran Halliburton EZ-Drill cement retainer & set @ 10,455'. Established pump in rate @ 2-BPM @ 3,760 psi. Spotted 100 sxs. Class "H" cement containing .2% HR-7 within 5 bbls. of bottom of tbg. Stung back into cement retainer and squeezed below retainer w/42 sxs. cement to 4,000 psi - held. Pulled out of retainer & reversed out 12 bbls. cement.

2/12-15/83: Perforated interval 10,421.5' to 10,439.5' (19 holes) .50" dia., 10" penetration. Ran Baker EA-Retrieveable Pkr. & set @ 10,287'. Acidized w/5,000 gals. 15% N.E. acid containing iron & clay stabilizers, surfactant & 38 ball sealers. Swabbed & tested zone.

2/16-18/83: Set cast iron bridge plug @ 10,400' - did not cap w/cement. Perforated interval 10,200' to 10,215' w/15 holes. Ran Pkr., swabbed well. Acidized w/10,000 gals. 15% N.E. Retarded acid containing iron & clay stabilizers & 30 7/8" ball sealers. Swabbed & tested.

(Cont.)

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

SIGNED M. B. W. [Signature] TITLE Ass't. to Gen. Supt. DATE 3-17-83

APPROVED BY ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT 1 SUPERVISOR
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____ DATE MAR 21 1983

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COMMENCE DRILLING OPNS.
CASING TEST AND CEMENT JOBS
OTHER _____

ALTERING CASING
PLUG AND ABANDONMENT

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

2/21/83: Ran Halliburton EZDrill cement retainer to 10,130.52'. Squeezed w/200 sxs. Class "H" cement containing .2% HR-7, 1st 75 sxs. mixed @ 14.6#/gal. & last 125 sxs. mixed @ 16.4#/gal.-over displaced w/20 bbls. - final pressure 3,600 psi - pulled out of retainer & reversed out. Pulled 1 stand & shut down.

2/22/83: Stung back in retainer. Resqueezed w/100 sxs. Class "H" cement containing .2% HR-7 to 4,000 psi - would not hold - bled back to 3,600 psi in 7 min. Repressured squeeze to 4,000 psi & stung out of retainer. Reversed out 4 bbls. cement. Pulled out of hole. Ran 4 3/4" bit, 4 3 1/2" drill collars on 2 3/8" N-80 tbg to 10,090' & shut down.

2/23/83: Tagged cement @ 10,127', drilled 3' cement to top of retainer @ 10,130'. Drilled retainer & 90' of cement below retainer to 10,220'. Ran out of good cement - had some stringers for 15 more feet. Ran bit to 10,400', circulated hole clean & shut down.

2/24/83: Tested squeeze job to 3,000 psi - leaked off to 2,650 psi in 5 min. Repressured several times w/same results. Pulled tbg., DC & bit. Ran RTTS-Pkr. on 2 3/8" tbg to 10,164' KBM. Spotted 250 gals. 15% HCl acid w/2% KCL fresh wtr., set Pkr. & pumped acid into leak @ 4,600 psi @ .7 BPM. Shut down.

(Cont.)

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

SIGNED _____ TITLE _____ DATE _____

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT I SUPERVISOR TITLE _____ DATE **MAR 21 1983**

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16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

| | | | |
|--|---|--|---|
| PERFORM REMEDIAL WORK <input type="checkbox"/> | PLUG AND ABANDON <input type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| TEMPORARILY ABANDON <input type="checkbox"/> | CHANGE PLANS <input type="checkbox"/> | COMMENCE DRILLING OPNS. <input type="checkbox"/> | PLUS AND ABANDONMENT <input type="checkbox"/> |
| PULL OR ALTER CASING <input type="checkbox"/> | OTHER _____ <input type="checkbox"/> | CASING TEST AND CEMENT JOBS <input type="checkbox"/> | |

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

2/25/83: Well had slight vacuum on tbg - loaded tbg w/4 bbls. wtr. Spotted 500 gals. 15% HCl acid and displaced acid into formation w/27 bbls. 2% KCL fresh water. ISDP 5,300 psi. Spotted 100 sxs. Class "H" cement containing .2% HR-7, mixed @ 15.6#/gal. @ perforations. Pulled 15 jts. tbg & set Pkr @ 9,720'. Squeezed 14 bbls. cement into formation by stages to 7,200 psi - held. Shut well in w/pressure on it.

2/26/83: Pulled tbg & Pkr. Ran 4 3/4" bit, 4 3 1/2" DC on 2 3/8" tbg to 9,718' & shut down.

2/28/83: Tagged cement @ 9,752'. Drilled 468' cement to 10,220', ran bit to 10,400'. Circ. hole 30 min. Pressured csg to 2,000 psi for 10 min - held. Pulled 6 stands of tbg & shut down.

3/1/83: Pressure tested squeeze to 3,000 psi for 20 min. - held. Pulled tbg, DC & bit out of hole. Perforated 5 holes 10,200' to 10,204' (4') .50" dia., 17" penetration. Ran tbg & Pkr & set Pkr @ 10,108'. Swabbed & lowered fluid level to 9,800'. Shut down.

3/2-4/83: Swabbed well dry. Acidized w/1,000 gals. 15% HCl acid w/iron & clay stabilizers & surfactant. ISDP 4,400 psi, 15 min. 3,150 psi. Opened well - swabbed & tested.

(Cont.)

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DISTRICT 1 SUPERVISOR
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| PULL OR ALTER CASING <input type="checkbox"/> | CASING TEST AND CEMENT JOB <input type="checkbox"/> |
| OTHER _____ <input type="checkbox"/> | OTHER _____ <input type="checkbox"/> |
| PLUG AND ABANDON <input type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| CHANGE PLANS <input type="checkbox"/> | PLUG AND ABANDONMENT <input type="checkbox"/> |

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cuts varied 20% to 60%.

3/5-7/83: Swabbed. Acidized w/5,000 gals. 15% retarded HCl w/iron & clay stabilizers & surfactants. ISDP: Vacuum. Swabbed & tested well.

3/8/83: SITP 470 psi. Swabbed. Pulled tbg & Pkr. Ran 4 3/4" bit, 4 3 1/2" DC on 2 3/8" tbg to 10,170' & shut down.

3/9-10/83: Finished running bit to the cast iron bridge plug @ 10,400' KBM. Drilled bridge plug & ran bit to top of cement @ 10,448'. Drilled 7' of cement to top of cement retainer @ 10,455'. Drilled retainer & 3' cement below retainer. Ran bit to PBT 10,651'. Circ. hole clean. Pulled tbg, DC & bit. Ran production installation, swung 2 3/8" tbg @ 10,537', tbg perfs @ 10,503' & tbg anc. @ 10,135' w/13,000# tension. Flanged up wellhead. Ran pump installation. Now waiting on pumping unit and installation of tank battery.

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