

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

OIL CONSERVATION DIVISION
SANTA FE

Form C-103
Revised 10-1-79

Indicate Type of Lease
State ☐ Fee ☒
5. State Oil & Gas Lease No.

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. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- Dry Hole | 7. Unit Agreement Name |
| 2. Name of Operator HCW Exploration, Inc. | 8. Farm or Lease Name Blackburn |
| 3. Address of Operator P. O. Box 10585 Midland, Texas 79702 | 9. Well No. 1 |
| 4. Location of Well UNIT LETTER B 825 FEET FROM THE North LINE AND 1650 FEET FROM East 10 LINE, SECTION 6N RANGE 27E TOWNSHIP NMPM. | 10. Field and Pool, or Wildcat Wildcat |
| 15. Elevation (Show whether DF, RT, GR, etc.) 5049' GR | 12. County Quay |

16. 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 ☐
OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐
COMMENCE DRILLING OPERATIONS ☐
CASING TEST AND CEMENT JOB ☐
OTHER Completion Attempt ☐
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.

Commenced completion operations on 12-21-81. Ran 3 7/8" bit inside 4 1/2" casing to 4869' PBTD. Circulated hole with 2% KCL water. Ran GR-CCL-CBL from 4869' to 2000'. Showed TOC at approx. 2200'. Perforated Abo formation with one jet shot every 2 feet from 4752'-4788'. Total of 19 holes. Acidized with 250 gals 15% HCL. Ran temperature survey. Showed fluid channeling down from bottom perforation to 4868' WLTD. Squeezed off perforations with 500 sx. Class "H". Drilled cement out of casing and ran another CBL. Showed channel was cemented off. Re-perforated Abo formation with one jet shot every 2 feet from 4751'-4787' total of 19 holes. Acidized with 250 gals. 15% HCL. Ran temperature survey. Showed treatment stayed in zone. Acidized with additional 2000 gals 15% HCL + 76 ball sealers. Ran temperature survey. Showed treatment stayed in zone. Swabbed back load. Frac treated zone with 485 bbls versagel 1500 + 84 tons CO₂ + 27,900# 20-40 sand. Tagged frac sand with RA material. Ran temperature Survey and RA tracer survey from 4650'-4850'. Showed that the major amount of frac treatment went into Abo perms 4751'-4787'. Flowed well back for 34 hours recovering load water and CO₂. Well died. Swabbed well for 5 days and recovered all load water plus 206 bbls. of formation water. Obtained verbal approval to plug well from Mr. Carl Ulvog with NMOC in Santa Fe on 1-15-82. Released packer at 4650' and circulated hole with 9.5#/gal brine water.

(Cont. on attached sheet)

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

SIGNED Steve Douglas Steve Douglas TITLE Division Engineer DATE 1-19-82

APPROVED BY Carl Ulvog TITLE DISTRICT SUPERVISOR DATE 6/23/82

CONDITIONS OF APPROVAL, IF ANY:

Form C-103 (cont.)

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Pulled out of hole and laid down tubing and packer. Ran 4 1/2" CIBP on wireline and set at 4711'. Ran bailer and dumped 5 sx. cement on CIBP. Removed wellhead. Cut off 9 5/8" and 4 1/2" casing. Set 5 sx. cement plug inside 4 1/2" casing at surface. Welded plate on 9 5/8" casing. Installed dry hole marker. Well plug and abandoned 1-18-82.