

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

Form C-103
Revised 10-1-73

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DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5a. 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. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER-	7. Unit Agreement Name
2. Name of Operator HCW Exploration, Inc.	8. Farm or Lease Name George Etz
3. Address of Operator P.O. Box 10585 Midland, Texas 79702	9. Well No. 6
4. Location of Well UNIT LETTER <u>P</u> <u>660</u> FEET FROM THE <u>South</u> LINE AND <u>660</u> FEET FROM THE <u>East</u> LINE, SECTION <u>27</u> TOWNSHIP <u>23-S</u> RANGE <u>36-E</u> NMPM.	10. Field and Pool, or Whdcat Jalmat (Gas)
15. Elevation (Show whether DF, RT, GR, etc.) 3369.3' GR	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.

Rigged up mast pole truck and wireline truck on 2/18/86. Ran Dual Spaced Neutron log with GR & CCL from 3543' WL PBTD to 2000'. Rigged down loggers. Moved in and rigged up pulling unit on 2/24/86. Cut off 4½" casing and welded on 4½" SOW X 7 1/16" 3000 psi WP wellhead. Install 7 1/16" 3000 psi BOPs. Ran 3 7/8" bit and 2 3/8" tubing inside 4½" casing. Tagged PBTD at 3547' by tubing measurement. Spotted 15 bbls 7½% MSR 100 acid. Pulled tubing & bit. Perforated Yates formation with 3 1/8" select fire casing gun with 1 JSPF as follows: 3164, 66,68,70,72,74,76,78,80,82,84,86,98,3200,02,04,06,08,10,12,14,16,36,38,40,42,44,46,48,50,52, 54,56,61,66,68,70,75,77,79,86,88,90,3304,06,08,18,54,56,58,64,66,68,77,3429. Total of 55 holes, 0.42" diameter. Ran 2 3/8" notched collar, 1 joint 2 3/8" tubing, 2 3/8" SN, and 95 joints 2 3/8" tubing to 3140'. Removed BOPs and installed tubing head. Acidized Yates perforations down 2 3/8" tubing with total of 5500 gals. 7½" MSR 100 acid with 550 scf/bbl N₂ plus 110 ball sealers. Did not ball out. Flowed and swabbed back load water for 1½ days. Swabbed dry. Frac treated Yates perforations down 2 3/8" tubing and 2 3/8" X 4½" annulus with 40,000 gals. YF3PSD with 550 scf/bbl N₂ plus 85,000# 20/40 sand and 50,000# 10/20 sand. Flowed back load water. Started making natural gas and oil after flowing well 4 hours to reserve pit. Switched flowline to frac tank and rigged up rental two phase separator. Flowed well through separator putting load water and oil into frac tank and venting gas to atmosphere. Gas was measured using 2" orifice well tester and oil and load water was measured by gauging frac tank and using color cut on gauge line.

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

SIGNED Steve A. Douglas / Steve A. Douglas TITLE Vice President Operations DATE 3/3/86

APPROVED BY Eddie W. Seay TITLE Oil & Gas Inspector DATE MAR 5 - 1986
CONDITIONS OF APPROVAL, IF ANY: