

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

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FEB 4 1982

O. C. D.

Form C-103
Revised 10-1-78

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. LG 1480	

SUNDRY NOTICES AND REPORTS ON WELLS

ARTESIA OFFICE

(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		7. Unit Agreement Name
2. Name of Operator HCW Exploration, Inc. /		8. Farm or Lease Name Gulf "16" State
3. Address of Operator P. O. Box 10585 Midland, Texas 79702		9. Well No. 1
4. Location of Well UNIT LETTER <u>I</u> , <u>1980</u> FEET FROM THE <u>South</u> LINE AND <u>660</u> FEET FROM THE <u>East</u> LINE, SECTION <u>16</u> TOWNSHIP <u>25 South</u> RANGE <u>28 East</u> N.M.P.M.		10. Field and Pool, or Wildcat Wildcat (Bone Spring)
15. Elevation (Show whether DF, RT, GR, etc.) 2981' G.L.		12. County Eddy

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"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	
		OTHER <u>Completion Attempt</u> <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.

Moved in completion unit 12-21-81. Drilled DV tool at 5474'. Tagged PBTD at 7450'. Displaced hole with 3% KCL water. Ran correlation-cement bond log. Found TOC at 2508'. Perforated Bone Spring formation with 2 JSPF at (6350, 54, 57, 60, 64, 93, 98, 6400, 04, 44, 60, 68, 6511, 26, 37, 48, 62, 68, 74, 88, 94, 6603, 17, 28, 39, 54. Total of 54 holes. Acidized with 3000 gals 7 1/2% HCL and 600 scf/bbl N₂. Fracture treated with 60,000 gals Mini-Max III + 660,000 scf N₂ + 126,000# 20-40 sand. Flowed and swabbed all load water back. Well was making formation water, gas and trace of oil. Well was determined to be uneconomical to produce. Left 6695' of tubing in hole and shut well in. Will make application to plug and abandon Bone Spring after evaluating completion attempt in Delaware.

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 February 2, 1982

APPROVED BY M. K. Williams TITLE OIL AND GAS INSPECTOR DATE FEB 5 1982

CONDITIONS OF APPROVAL, IF ANY: