

Form 9-331  
Dec. 1973

NM OIL CONS. COMMISSION  
Drawer DD  
Artesia, NM 88210

Form Approved.  
Budget Bureau No. 42-R1424

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**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 Form 9-331-C for such proposals.)

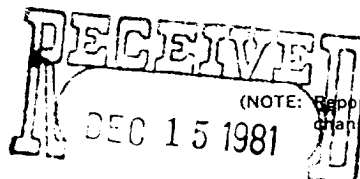
1. oil ☒ gas ☐ other ☐  
2. NAME OF OPERATOR  
HCW Exploration, Inc. ✓  
3. ADDRESS OF OPERATOR  
P. O. Box 10585, Midland, Texas 79702  
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 760' FSL & 660' FWL  
AT TOP PROD. INTERVAL: 760' FSL & 660' FWL  
AT TOTAL DEPTH: 760' FSL & 660' FWL  
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

- TEST WATER SHUT-OFF ☐  
FRACTURE TREAT ☐  
SHOOT OR ACIDIZE ☐  
REPAIR WELL ☐  
PULL OR ALTER CASING ☐  
MULTIPLE COMPLETE ☐  
CHANGE ZONES ☐  
ABANDON\* ☐  
(other) ☐

SUBSEQUENT REPORT OF:

- ☐  
☒  
☒  
☐  
☐  
☐  
☐  
☐



(NOTE: Report results of multiple completion or zone change on Form 9-330.)

OIL & GAS  
U.S. GEOLOGICAL SURVEY  
ROSWELL, NEW MEXICO

17. 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.)\*

Moved in completion unit on 11-4-81. GIH w/2 3/8" Tubing to 9656' PBTD. Displaced hole w/2% KCL water. Ran cement bond-correlation log. Perforated Bone Spring formation with 2 JSPF from 7320'-7512' (24 holes). Acidized w/ 3000 gals. 10% MCA-FE + 70 ball sealers. Flowed & swabbed 70 bbls. load water w/final oil cut of 25%. Ran 3 1/2" rental tubing and treating packer. Fracture treated zone on 11-17-81 w/604 bbls. gelled 2% KCL water + 1,780,000 SCF of nitrogen + 160,000# 20/40 sand. Flowed & swabbed 990 bbls. water w/final oil cut of 10%. Ran RBP and set at 7002'. Perforated Bone Spring formation with 1 JSPF from 6256'-6746'. Acidized w/5500 gals. 10% MCA-FE + 75 ball sealers. Flowed & Swabbed 126 bbls. load water w/final oil cut of 10%. Fracture treated zone on 12-3-81 w/450 bbls. gelled 2% KCL water + 2,204,000 SCF of nitrogen + 116,000# 20/40 sand + 30,000# 10/20 sand. (Continued on attached Sheet)

Subsurface Safety Valve: Make and Type \_\_\_\_\_

Set @ \_\_\_\_\_ Ft.

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

SIGNED *Steve Douglas*

Steve Douglas

TITLE Division Engineer

DATE December 14, 1981

(This space for Federal or State office use)

APPROVED BY GEOLOGICAL SURVEY  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

DATE \_\_\_\_\_