

30-025-29059

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-101
Revised 10-1-78

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SANTA FE	
FILE	
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LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease
STATE ☐ FEE ☒
5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

a. Type of work
b. Type of Well
c. Name of Operator
d. Address of Operator
e. Location of Well

7. Unit Agreement Name

8. Farm or Lease Name
R. W. Cowden "C"

9. Well No.
10

10. Field and Pool, or Wildcat
Jalmat (Gas)

DRILL ☒ DEEPEN ☐ PLUG BACK ☐
OIL WELL ☐ GAS WELL ☒ OTHER ☐
SINGLE ZONE ☐ MULTIPLE ZONE ☐
HCW Exploration, Inc.
P.O. Box 10585 Midland, TX 79702
UNIT LETTER F LOCATED 1980 FEET FROM THE North LINE
NO 1616 FEET FROM THE West LINE OF SEC. 31 TWP. 23-S RGE. 37-E NMPM

12. County
Lea

15. Proposed Depth
3400'

13. Rotary or C.T.
Rotary

16. Elevation (show whether DT, RT, etc.)
3318.8 GR

14A. Formation
Yates Seven Rivers

21A. Kind & Status Plug. Bond
Blanket

22. Approx. Date Work will start
Dec. 20, 1984

21B. Drilling Contractor
To be determined

PROPOSED CASING AND CEMENT PROGRAM					
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
11"	8 5/8"	24#	400'	160	Surface
7 7/8"	4 1/2"	10.50#	3400'	500	Surface

Propose to drill 11" hole to 400' and run 8 5/8" casing. Will cement with sufficient cement volume to circulate cement to surface. Nipple up 10" 3000 psi BOP with pipe rams and blind rams. Drill 7 7/8" hole to approximately 2700' using brine water. Will drill with mud from 2700' to 3400' TD. Run open hole logs and if well looks productive, run 4 1/2" casing. Will try to circulate cement to surface on 4 1/2" casing. Will attempt to complete well as Yates Seven Rivers gas well.

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.

ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTION ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed John Welch Title Production Superintendent Date 11/19/84

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

PROVED BY DETECTIVE SUPERVISOR TITLE DETECTIVE SUPERVISOR DATE 11/21/84

CONDITIONS OF APPROVAL, IF ANY:

Production from this well will not be authorized until approval is obtained for the non-standard proration unit.