

30-025-27918

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

Form C-101
Revised 10-1-78

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

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

5A. Indicate Type of Lease
STATE FCC

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

a. Type of Work

7. Unit Agreement Name

b. Type of Well

DRILL

DEEPEN

PLUG BACK

8. Farm or Lease Name

OIL WELL GAS WELL OTHER

SINGLE ZONE

MULTIPLE ZONE

R. W. Cowden "C"

3. Name of Operator

HCW Exploration, Inc.

9. Well No.

9

4. Address of Operator

P. O. Box 10585 Midland, Texas 79702

10. Field and Pool, or Wildcat

Jalmat (Gas)

5. Location of Well

UNIT LETTER H LOCATED 1650 FEET FROM THE North LINE

AND 800 FEET FROM THE East LINE OF SEC. 31 TWP. 23S R. 37E N.M.P.M.

12. County

Lea

19. Proposed Depth

3300'

19A. Formation

Yates

20. Rotary or C.T.

Rotary

11. Elevations (Show whether DT, RT, etc.)

3329' GR

21A. Kind & Status Plug. Bond

Blanket

21B. Drilling Contractor

To be Determined

22. Approx. Date Work will start

August 1982

23.

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'	150	Surface
7 7/8"	4 1/2"	10.5#	300'	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 3300' 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 gas well.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 2/25/83
UNLESS DRILLING UNDERWAY

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

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 August 20, 1982

(This space for State Use)

ORIGINAL SIGNED BY

APPROVED BY JERRY SEXTON

TITLE

DATE

AUG 20 1982

CONDITIONS OF AP DISTRICT 1 SUPP.