

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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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 DRILL ☒ DEEPEN ☐ PLUG BACK ☐
OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐
c. Name of Operator HCW Exploration, Inc.
d. Address of Operator P.O. Box 10585, Midland, TX 79702
e. Location of well UNIT LETTER P LOCATED 660 FEET FROM THE South LINE
660 FEET FROM THE East LINE OF SEC. 27 TWP. 23S RGE. 36E
19. Proposed Depth 3600'
18A. Formation Yates
19. Rotary or C.T. Rotary
20. History of C.T.
21. Elevations, (show whether IF, RT, etc.) 3369.3 GR
21A. Kind & Status Plug. Bond Blanket
21B. Drilling Contractor To Be Determined
22. Approx. Date Work will start June, 1985

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 sx	Surface
7-7/8"	4-1/2"	10.5#	3600'	1000 sx	Surface

Propose to drill 11" hole to 400' & 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 2700-3600' TD. Will run 4-1/2" casing. Will try to circulate cement to surface on 4-1/2" casing. Will run cased hole logs. Will attempt to complete as a Yates 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 PRODUCTIVE 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 David J. Steg Title Production Geologist Date 5-7-85

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

PROVED BY DISTRICT SUPERVISOR TITLE DATE NOV 27 1985

CONDITIONS OF APPROVAL, IF ANY: