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NEW MEXICO OIL CONSERVATION COMMISSION

30-015-23728

Form C-101
Revised 1-1-65

*AMENDED

APR 22 1981

O. C. D.

ARTESIA, OFFICE

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

Type of Well

WELL ☒GAS WELL ☐

OTHER

SINGLE ZONE ☐MULTIPLE ZONE ☐

Name of Operator

HCW Exploration, Inc. /

Address of Operator

P. O. Box 10585, Midland, Texas 79702

Location of Well

UNIT LETTER H LOCATED 1980 FEET FROM THE North LINE

660

FEET FROM THE East LINE OF SEC. 27 TWP. 25-S RGE. 28-E NMPM

5A. Indicate Type of Lease

STATE ☒FEE ☐

5. State Oil & Gas Lease No.

L-5369

7. Unit Agreement Name

8. Farm or Lease Name

Dorstate

9. Well No.

1

10. Field and Pool, or Wildcat

Wildcat Bone
Undesignated Spring

12. County

Eddy

19. Proposed Depth

8000'

19A. Formation

Bone Springs

20. Rotary or C.T.

Both

Elevations (Show whether DF, RT, etc.)

2968' GR

21A. Kind & Status Plug. Bond

Blanket

21B. Drilling Contractor

Willbros Drlg Co.

22. Approx. Date Work will start

3-30-81

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2"	13 3/8"	48#	400'+	400 sx	circ to surface
12 1/4"	8 5/8"	24#-28#	2500'+	1100 sx	circ to surface
7 7/8"	4 1/2"	10.5#	8000'	400 sx	5000'

Drill 17 1/2" hole to 400'+. Set and cmt 13 3/8" csg at 400' w/400 sx, circ cmt to surface. WOC 18 hrs. Drill 12 1/4" hole to 2500'+. Set 8 5/8" csg at 2500', cmt to surface w/approx. 1100 sx. WOC 18 hrs. Drill 7 7/8" hole to 8000'+. Run logs. If production is indicated, run 4 1/2" csg to TD and cmt w/approx. 400 sx.

* AMENDED TO ALTER PROPOSED TOTAL DEPTH.

APPROVAL VALID FOR _____ DAYS
PERMIT EXPIRES 9-30-81
UNLESS DRILLING UNDERWAY

OVER SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTION. 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.

D.C. Helm D.C. Helm Title Vice PresidentDate 4-21-81

(This space for State Use)

APPROVED BY W.A. Gressitt TITLE SUPERVISOR, DISTRICT IIDATE APR 23 1981

CONDITIONS OF APPROVAL, IF ANY:

Submit BOP Program

10 330 660 1320 1980 2310 2640

2000

1500

1000

500

0

1000 2000 3000 4000 5000 6000 7000 8000 9000 10000

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-85

All distances must be from the outer boundaries of the Section.

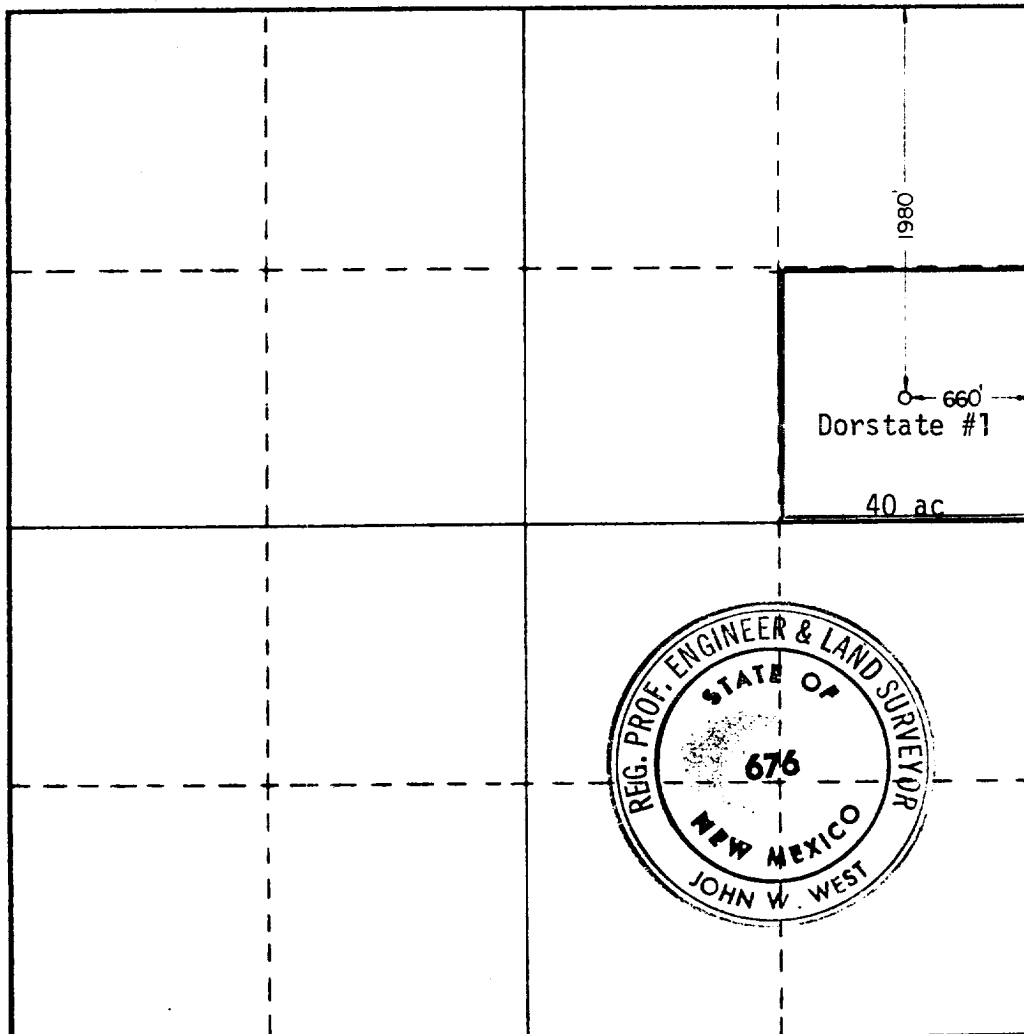
Operator H C W Exploration		Lease Dorstate		Well No. 1
Unit Letter H	Section 27	Township 25 South	Range 28 East	County Eddy
Actual Footage Location of Well: 1980 feet from the north line and 660 feet from the east line				
Ground Level Elev. 2968.0	Producing Formation Bone Springs	Pool Undesignated	Dedicated Acreage: 40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

D.C. Helm

Name
D.C. Helm
Position
Vice President
Company
HCW Exploration, Inc.
Date
March 30, 1981

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
3-24-81
Registered Professional Engineer and/or Land Surveyor

John W. West
Certificate No. **JOHN W. WEST 676**
PATRICK A. ROMERO 6663
Ronald J. Eidson 3239

