

30-041-20598

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NEW MEXICO OIL CONSERVATION COMMISSION

Revised 1-1-65

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Type of Work
Type of Well DRILL DEEPEN PLUG BACK

Name of Operator
HCW Exploration, Inc.

Address of Operator
P. O. Box 10585, Midland, Texas 79702

Location of Well
UNIT LETTER C LOCATED 660 FEET FROM THE North LINE
1980 FEET FROM THE West LINE OF SEC. 20 TWP. 7S RGE. 35E NMPM

5A. Indicate Type of Lease
STATE FEE

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name
Gulf State

9. Well No.
1

10. Field and Pool, or Wildcat
Wildcat

12. County
Roosevelt

19. Proposed Depth 8000'
19A. Formation Wolfcamp
20. Rotary or C.T. Rotary

Elevations (Show whether DF, RT, etc.) 4236.2' GR
21A. Kind & Status Plug. Bond Blanket
21B. Drilling Contractor Willbros Drlg Co.
22. Approx. Date Work will start 5-15-81

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'±	450 sx	circ to surface
12 1/4"	8 5/8"	24#-32#	4400'±	1300 sx	350'
7 7/8"	4 1/2"	11.6#-10.5#	8000'	600 sx	5500'

Drill 17 1/2" hole using native fresh wtr mud to 400'. Run and cmt 13 3/8" surface csg @ TD and circ. cmt to surface. Drill out w/12 1/4" bit using brine wtr to TD 4400'. Run 8 5/8" inter. csg to TD and cmt w/sufficient cmt to bring top to 400' from surface. Drill out w/7 7/8" bit using fresh wtr gel mud to TD. Run DST & logs as determined by samples evaluation. If well deemed productive 4 1/2" oil string will be run. See attached BOP sketch.

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.
D.C. Helm Title Operations Manager Date April 27, 1981

(This space for State Use)

APPROVED BY TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

WELL LOCATION AND DEDICATION PLAN

Supervisor's Name

All distances must be from the center of the Section

HCW Exploration, Inc.

Gulf State

1

C

20

7South

33East

Roosevelt

660

feet from the North

Section No.

1980

feet from the West

4236.20'

HUECO

Wildcat

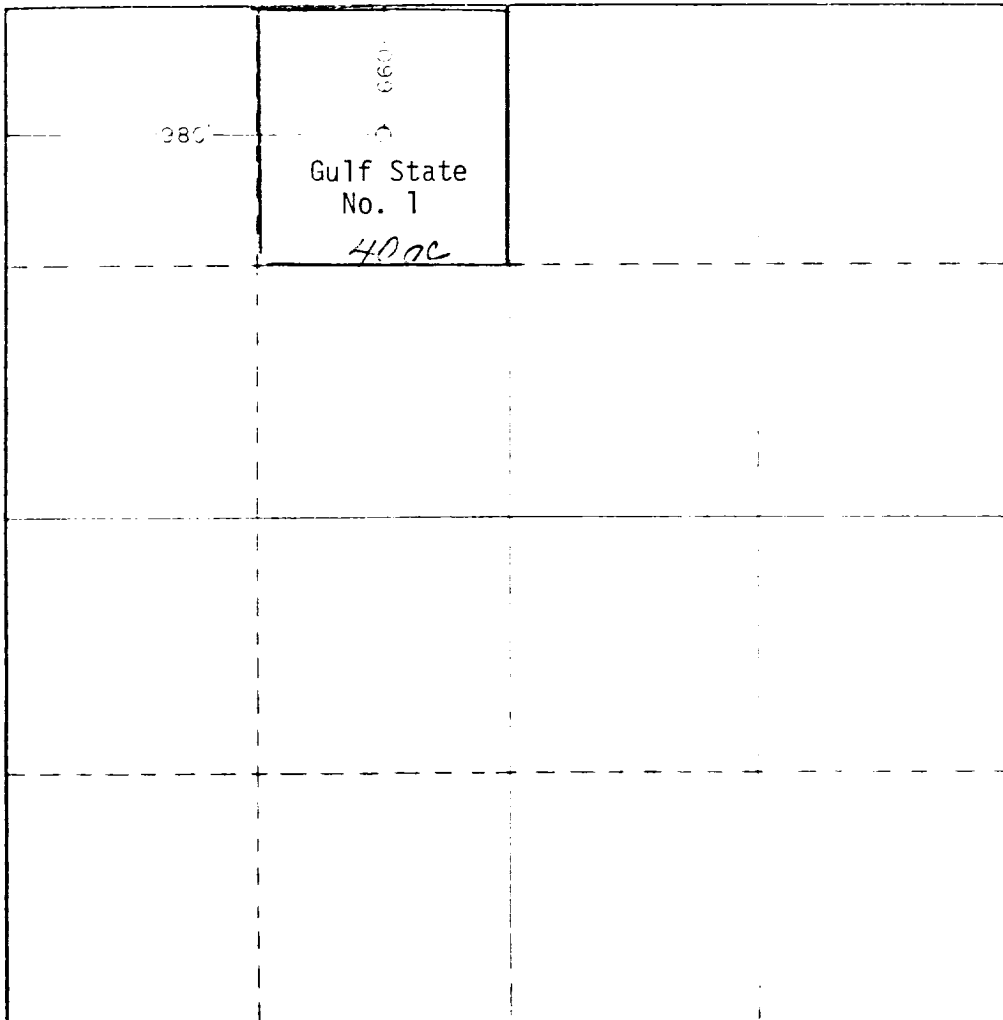
40

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, force-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

D.C. Helm

Operations Manager

HCW Exploration Co.

April 20, 1981

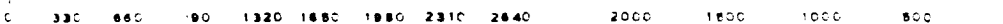
I hereby certify that the well location shown on this plat was plotted from field notes on actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

April 11, 1981

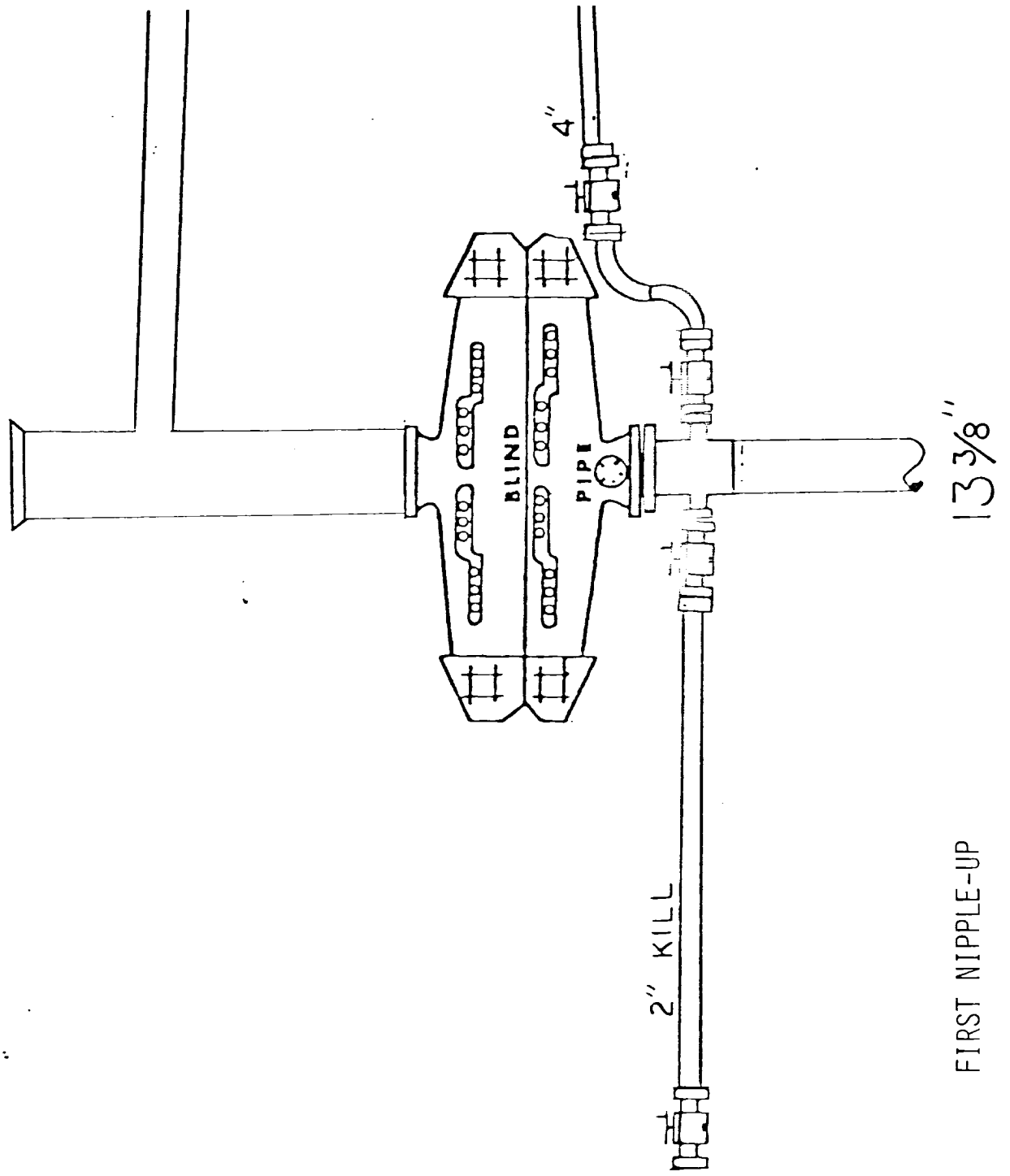
Professional Engineer and Land Surveyor

John W. West

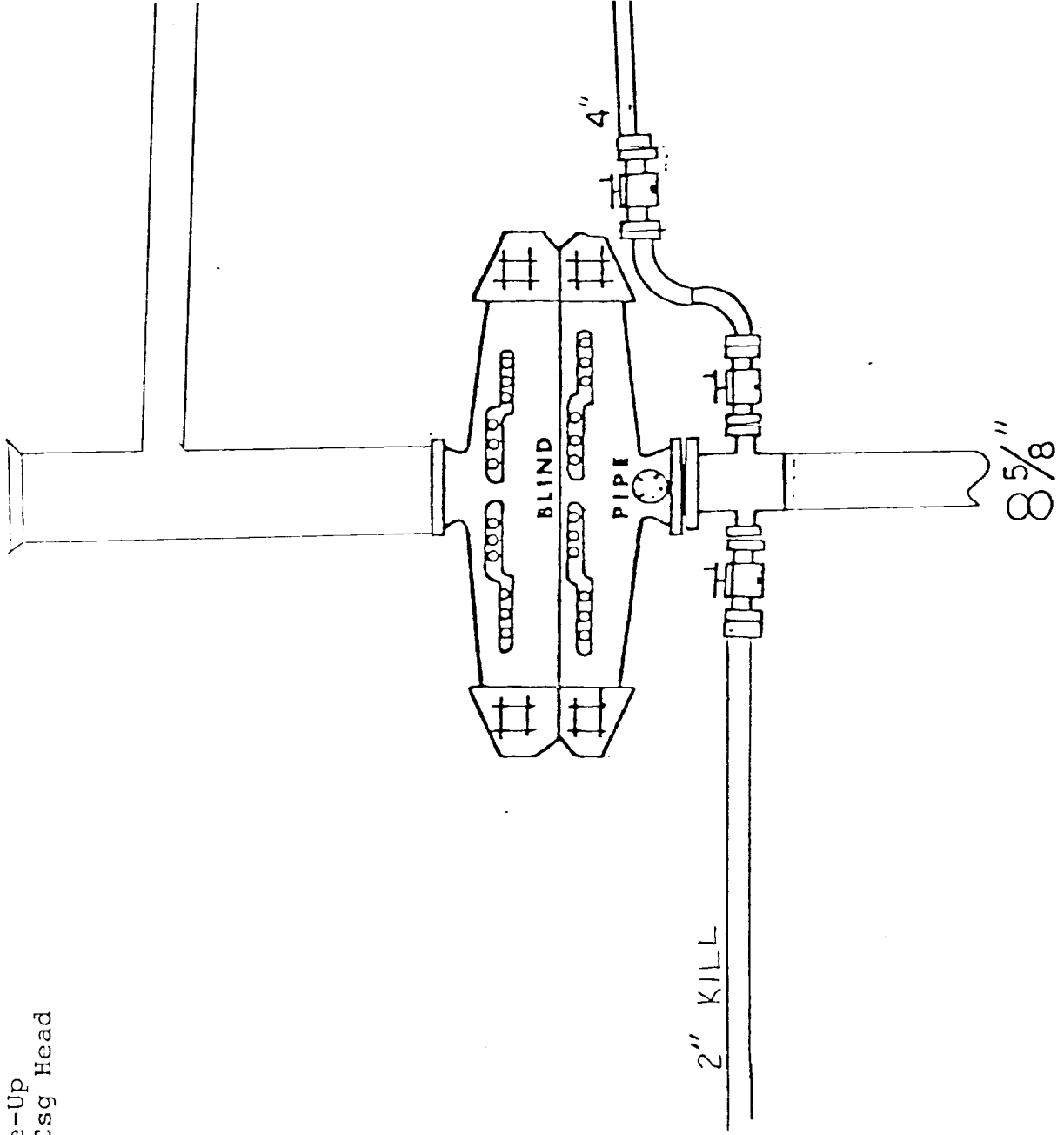
Professional No. JOHN W. WEST 676
 PATRICK A. ROMERO 6863
 Ronald J. Edson 3239



GULF STATE #1
BOP Sketch
First Nipple-Up
to 13 3/8" Csg Head



GULF STATE #1
BOP Sketch
Second Nipple-Up
to 8 5/8" Csg Head



SECOND NIPPLE-UP