

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-65

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

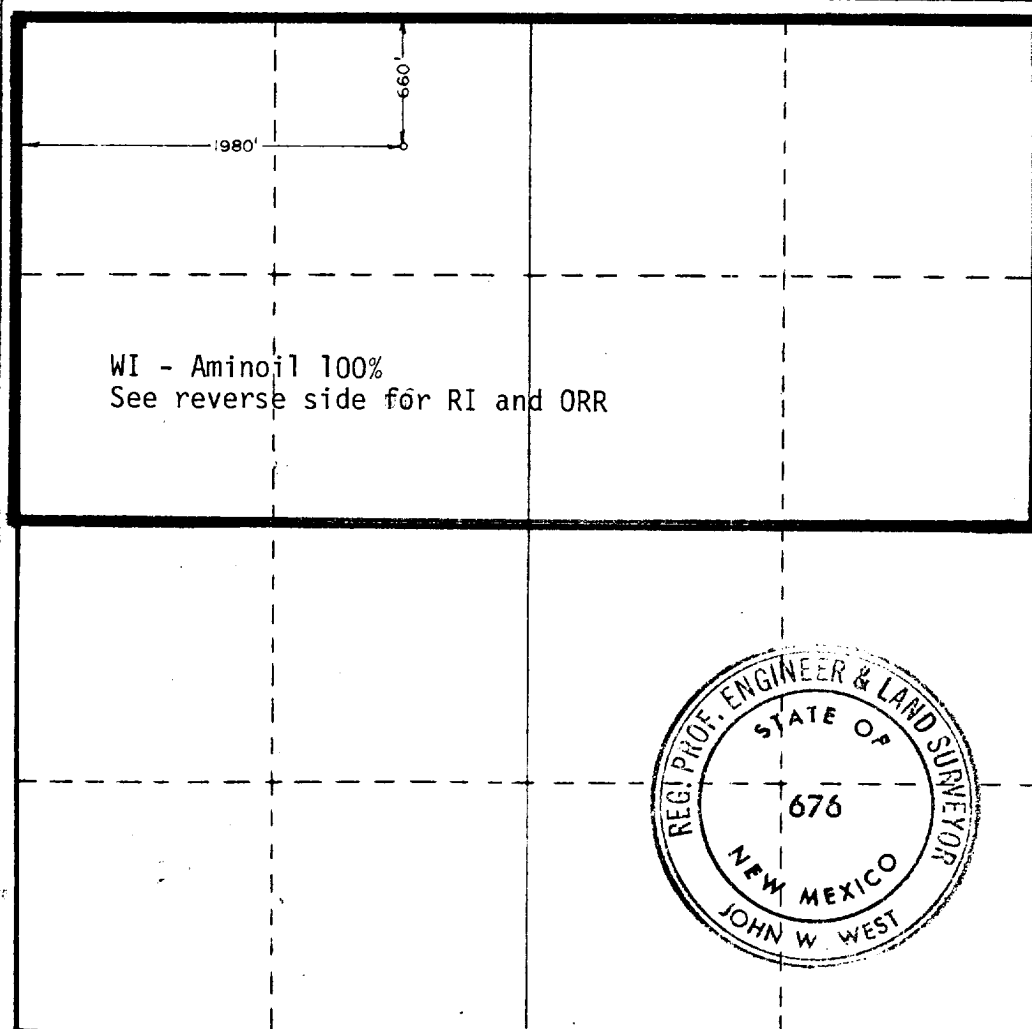
Operator <b>HNG OIL CO mpany</b>		Lease <b>DIAMOND 5 FEDERAL</b>		Well No. <b>1</b>	
Unit Letter <b>C</b>	Section <b>5</b>	Township <b>25 SOUTH</b>	Range <b>34 EAST</b>	County <b>LEA</b>	
Actual Footage Location of Well: <b>660</b> feet from the <b>NORTH</b> line and <b>1980</b> feet from the <b>WEST</b> line					
Ground Level Elev. <b>3410.8</b>	Producing Formation <b>Morrow</b>		Pool <b>Pitchfork Ranch</b>	Dedicated Acreage: <b>319.84</b> Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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.

*Betty Gildon*

Name  
**Betty Gildon**

Position  
**Regulatory Analyst**

Company  
**HNG OIL COMPANY**

Date  
**January 21, 1983**

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  
**1/17/83**

Registered Professional Engineer and/or Land Surveyor

*John W. West*

Certificate No.  
**JOHN W. WEST NO. 676**



RI - USA a11 12.5%  
ORR - Sunshine 1% of 8/8  
Carl Clifford Trustee of the Smith, Baker, Field & Clifford, Inc.  
Pension Plan - 1/4 of 1% of 8/8  
Ben B. Hutchinson - 1/4 of 1% of 8/8  
Brian Bai1 1/2 of 1% of 8/8  
Robert N. Entfeld 1/2 of 1% of 8/8  
Allen Jochimsen 1-1/2% of 8/8  
Total ORR 4% of 8/8

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**HOBBS OFFICE**

1. (A) Pressure control equipment to be used.
- 1 - 900 series Rotating Blowout Preventer & Stripper
  - 1 - 1500 series Hydril Annular Blowout Preventer
  - 1 - 10,000# WP Cameron Iron Works double type "U" Blowout Preventer with Pipe Rams and Blind Rams
  - 1 - 10,000# WP Cameron Iron Works single type "U" Blowout Preventer with Pipe Rams
- (B) Pressure ratings (or API series). BOP's can be activated from a remote control closing unit. Drillstring safety valve will be installed at 13-3/8" casing point.
- 900 series - 3000# WP
  - 1500 series - 5000# WP
  - 10,000 series - 10,000# WP
- (C) Testing procedures and frequency.
- BOP's will be tested at installation point as indicated on drill permit application.
- (D) Schematic Diagram.
- Attached. Exhibit "C"

2. Mud Program

Type and Characteristics

0-600' - Native  
600'-2250' - 10.0 ppg Brinewater  
2250'-10,500' - 10.0 ppg Brinewater  
10,500'-13,500' - Drill out with brine and possible switch to oil base mud, if needed

Quantities and types of weighting material to be maintained

500 sx Barite on location

FIELD:

LEASE: Diamond "5" Federal #1

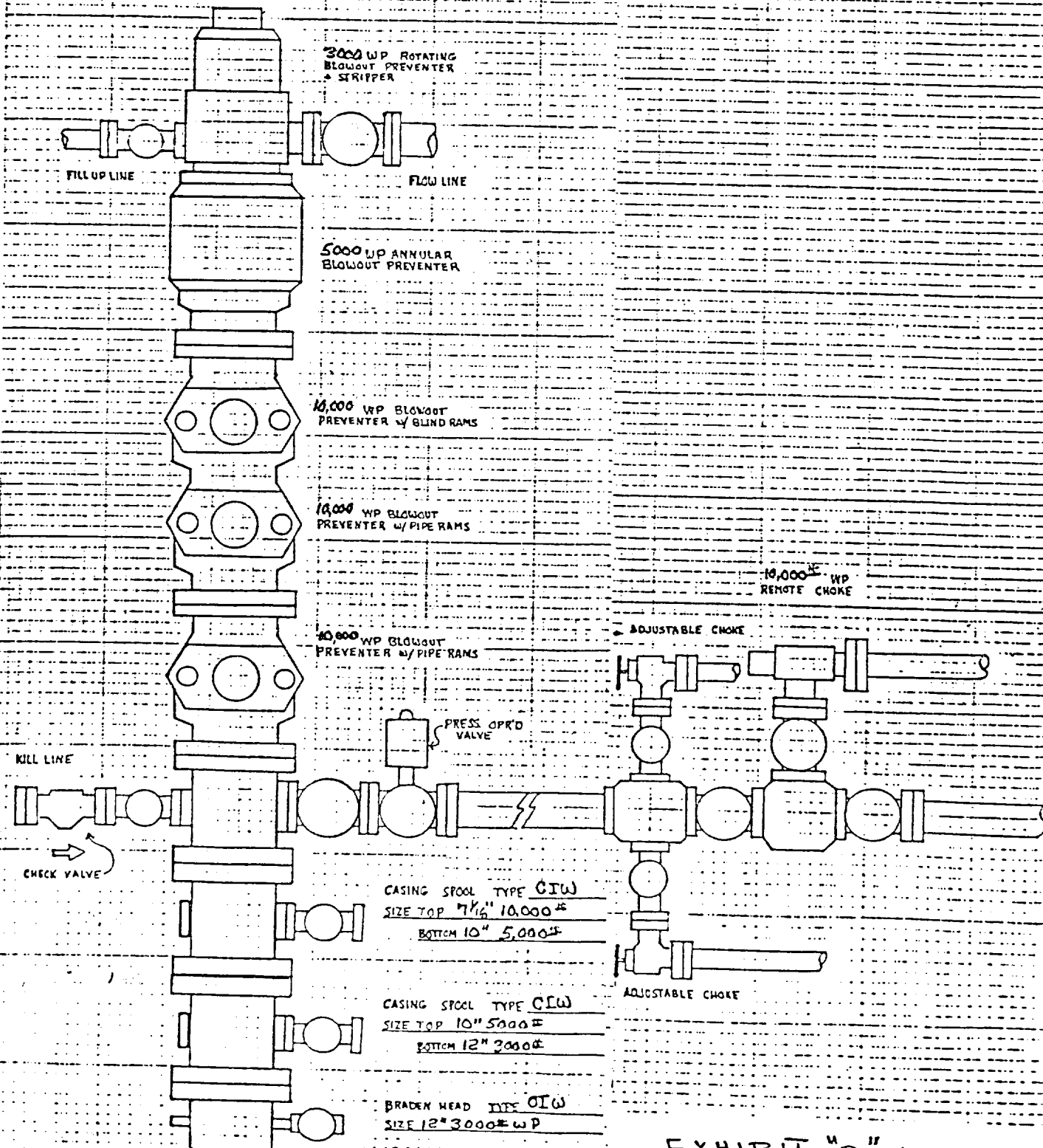


EXHIBIT "D"

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