

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

Form C-101
Revised 10-1-78

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P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

API # 30-059-20030

5A. Indicate Type of Lease
STATE ☐ FEE ☒

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well OIL WELL ☐ GAS WELL ☐ OTHER ☐		DRILL ☒ DEEPEN ☐ PLUG BACK ☐ Carbon Dioxide & Hydrocarbons ☒ SINGLE ZONE ☐ MULTIPLE ZONE ☐		7. Unit Agreement Name
2. Name of Operator HNG FOSSIL FUELS COMPANY		3. Address of Operator P. O. Box 1188, Houston, TX 77001		8. Farm or Lease Name Excel
4. Location of Well UNIT LETTER B LOCATED 660 FEET FROM THE NORTH LINE AND 2080 FEET FROM THE EAST LINE OF SEC. 23 TWP. 30N RGE. 32E NMPM		9. Well No. 2		10. Field and Pool, or Wildcat WILDCAT
11. Elevations (Show whether DF, RT, etc.) 5700 GR		21A. Kind & Status Plug. Bond Blanket on File		12. County UNION
19. Proposed Depth 3400		19A. Formation T/GRANITE		20. Rotary or C.T. ROTARY
21B. Drilling Contractor Texland Drilling Corp.		22. Approx. Date Work will start 10/19/79		

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4"	9 5/8" O.D.	32.30#	250'	125 sacks	Circulate
8 3/4"	7" O.D.	20.00#	1800'	100 sacks	1600'
6 1/2"	2 3/8" O.D.	4.70#	3400'	Packer	1800'

We propose to drill with mud through the Dakota to the top of the Morrison, and then set 9 5/8" O.D. surface casing. We then propose to drill with air or air mist to the Granite Wash and set 7" O.D. casing at approximately 1800'. Then we propose to drill with air to T.D.

If testing at that point indicates a non-commercial well, we will plug and abandon in accordance with Oil Conservation Commission regulations. If well is commercial we will squeeze cement to tie back the 7" casing to the 9 5/8" casing.

OIL CONSERVATION COMMISSION TO BE NOTIFIED
WITHIN 24 HOURS OF BEGINNING OPERATIONS

IN 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 Richard Boehm Title Administrative Manager Date 10/17/79

(This space for State Use)

APPROVED BY Carl Ullrich TITLE SENIOR PETROLEUM GEOLOGIST DATE 10/25/79

CONDITIONS OF APPROVAL, IF ANY:

COLLECT AND SACK SAMPLES FOR
NEW MEXICO BUREAU OF MINES, SOCORRO
AT AT LEAST TEN FOOT INTERVALS

1-22-20

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.

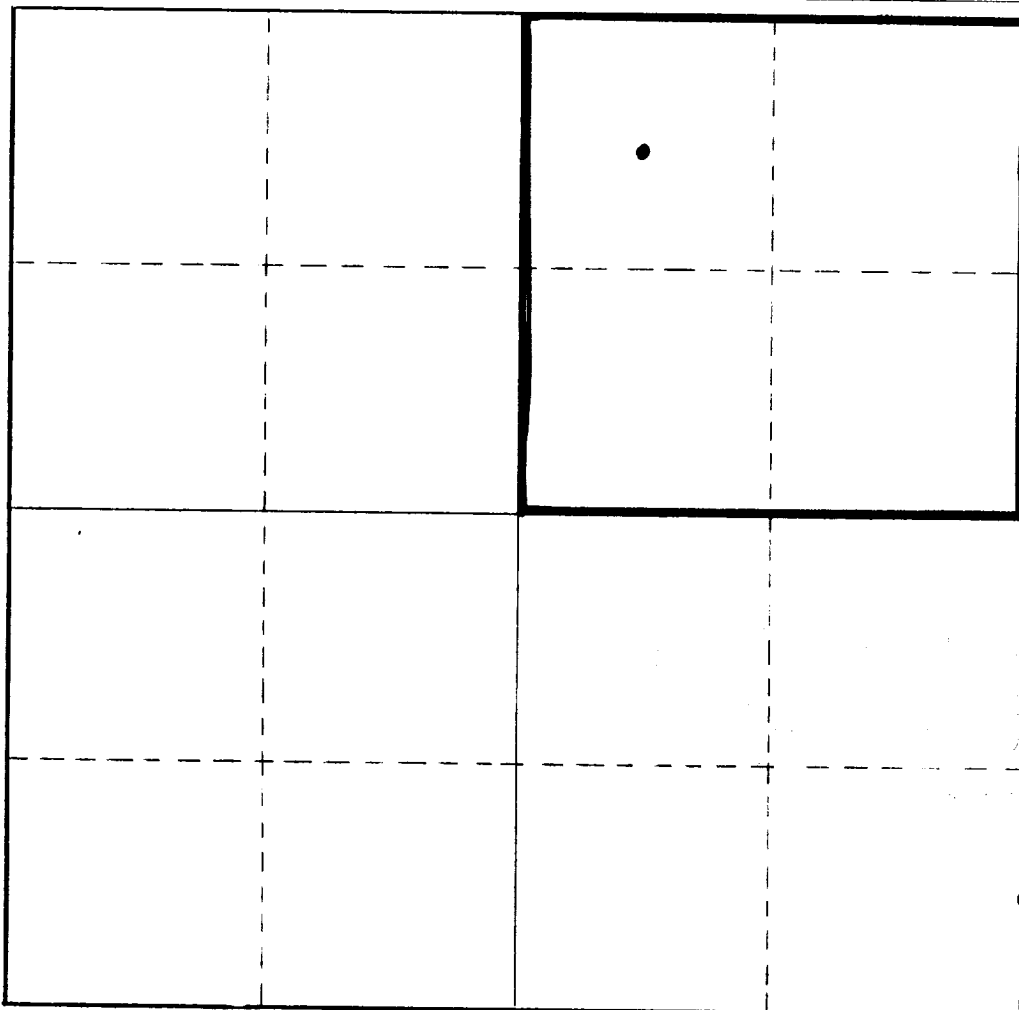
Operator HNG Fossil Fuels Company		Lease EXCEL		Well No. 2	
Unit Letter B	Section 23	Township 30 NORTH	Range 32 EAST	County UNION	
Actual Footage Location of Well: 660 feet from the NORTH line and 2080 feet from the EAST line					
Ground Level Elev. 5700	Producing Formation T/GRANITE		Pool WILDCAT	Dedicated Acreage: 160 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.

Name **Richard Brechin**
Position **ADMINISTRATIVE MANAGER**
Company **HNG Fossil Fuels Company**
Date **OCTOBER 18, 1979**

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.

OCT 17, 1979
Date Surveyed
[Signature]
Registered Professional Engineer
and/or Land Surveyor

5103

Certificate No.

