

OIL CONSERVATION DIVISION

Form C-101  
Revised 10-1-78

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LAND OFFICE	
OPERATOR	

P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501  
API # 30-059-20046

5A. Indicate Type of Lease  
STATE  FILE   
5. State Oil & Gas Lease No.  
LG-2020

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			7. Unit Agreement Name		
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> Carbon Dioxide & Hydrocarbons			8. Farm or Lease Name Excel		
2. Name of Operator HNG Fossil Fuels Company			9. Well No. 1		
3. Address of Operator P. O. Box 1188, Houston, Texas 77001			10. Field and Pool, or Wildcat Wildcat		
4. Location of Well UNIT LETTER <u>F</u> LOCATED <u>1939</u> FEET FROM THE <u>North</u> LINE AND <u>3300</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>1</u> TWP. <u>31 N</u> RGE. <u>32 E</u> NMPM			12. County Union		
19. Proposed Depth 3100		19A. Formation T/Granite		20. Rotary or C.T. Rotary	
21. Elevations (Show whether DF, RT, etc.) 5125 GR		21A. Kind & Status Plug. Bond Blanket on File		21B. Drilling Contractor Inland Drilling Company	
22. Approx. Date Work will start May 20, 1980					

23. 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 sks.	Circulate
8-3/4"	7" O.D.	20.00 #	1600'	100 sks.	1400'
6-1/4"	2-3/8" O.D.	4.70 #	3100'	Packer	1600'

We propose to air drill this well 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

APPROVAL VALID FOR 90 DAYS  
FEE 7-20-80  
UNLESS DRILLING UNDERWAY

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 Hoehn Title Administrative Manager Date April 8, 1980

(This space for State Use)  
APPROVED BY Carl Ullvog TITLE SENIOR PETROLEUM GEOLOGIST DATE 4/21/80

COLLECT AND CASK SAMPLES FOR  
NEW MEXICO STATE OF MINES, SOCORRO  
AT AT LEAST TEN FOOT INTERVALS