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NEW MEXICO OIL CONSERVATION COMMISSION

API #30-057-20004

Form C-101
Revised 1-1-65

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		7. Unit Agreement Name	
b. Type of Well DRILL ☒ DEEPEN ☐ PLUG BACK ☐ OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐		8. Farm or Lease Name Berkshire Ranch	
2. Name of Operator Houston Oil and Minerals Corporation		9. Well No. Berkshire No. 1	
3. Address of Operator 1700 Broadway Denver, Co. 80203		10. Field and Pool, or Wildcat Wildcat	
4. Location of Well UNIT LETTER <u>K</u> LOCATED <u>1980</u> FEET FROM THE <u>south</u> LINE AND <u>1980</u> FEET FROM THE <u>west</u> LINE OF SEC. <u>29</u> TWP. <u>6N</u> RGE. <u>9E</u> NMPM		12. County Torrance	
19. Proposed Depth 3500		19A. Formation	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) GLE 6095	
21A. Kind & Status Plug. Bond #939A663-A		21B. Drilling Contractor Aztec Well Servicing Co.	
22. Approx. Date Work will start August 1, 1976			

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
11"	8 5/8	24#	300-350	175	circ
7 7/8	4 1/2	9.5#	3500	Depends on prod. zones	

After surface is cemented, will nipple up using 10" ser. 900 double hydraulic BOP, install necessary fill, kill and choke lines and test to 1000 psi before drilling out.

The well will be drilled to approx. 3500' TD using a low-solids, gel-chem mud. All zones of possible production will carefully be examined with cores and/or DSTs taken where warranted. A manned logging unit will be used from surface to TD.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 10/18/76

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 [Signature] Title _____ Date 7-12-76
(This space for State Use)

APPROVED BY Carl Ullrich TITLE SENIOR PETROLEUM GEOLOGIST DATE 7/20/76
CONDITIONS OF APPROVAL, IF ANY:

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED
DATE 10/18/76 BY 1045 JRS/ML

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACERAGE DEDICATION PLAT**

All distances must be from the outer boundaries of the Section

Operator HOUSTON OIL AND MINERALS CORP.			Lease Berkshire Ranch		Well No. 1463
Unit Letter K	Section 29	Township 6 NORTH	Range 9 EAST	County TORRANCE	

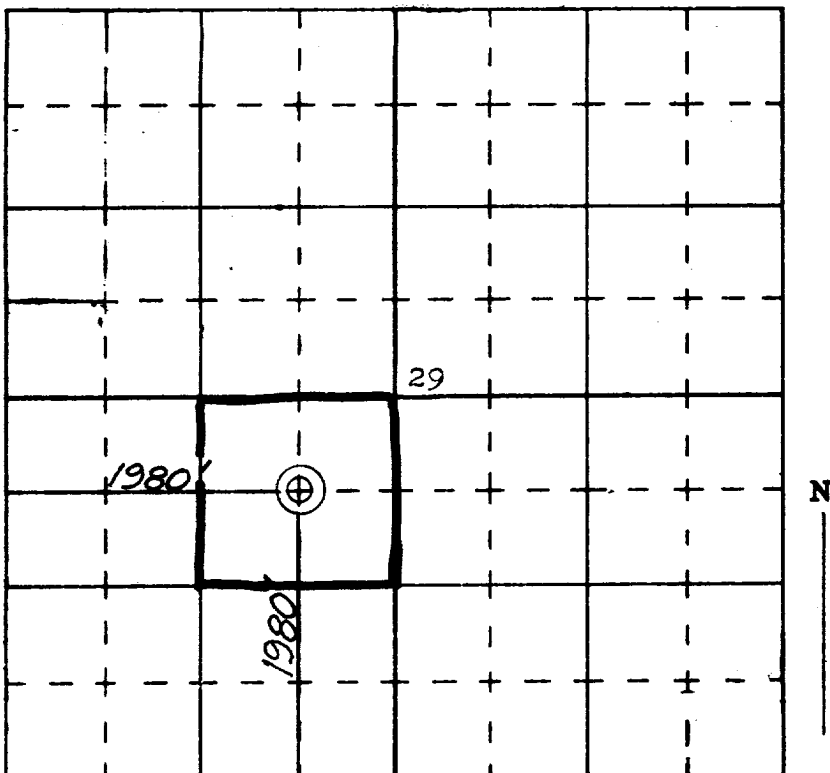
Actual Footage Location of Well:
1980 feet from the **SOUTH** line and **1980** feet from the **WEST** line

Ground Level Elev. 6095	Producing Formation	Pool Wildcat	Dedicated Acreage: 40	Acres
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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 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.

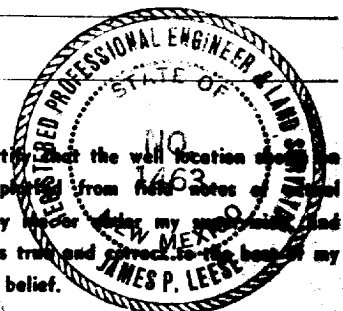


CERTIFICATION

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

Name _____
 Position _____
 Company _____
 Date _____

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



26 June 1976

Date Surveyed _____
James P. Leese
 Registered Professional Engineer
 and/or Land Surveyor **James P. Leese**

1463
 Certificate No.