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## NEW MEXICO OIL CONSERVATION COMMISSION

30-043-20262  
Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.
7. Unit Agreement Name
8. Farm or Lease Name Booth Drought
9. Well No. 2
10. Field and Pool, or Wildcat Wildcat-Pennsylvanian
12. County Sandoval
19. Proposed Depth 8000'
19A. Formation Pennsylvanian
20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 6195' Ungraded GR
21A. Kind & Status Plug, Bond Statewide
21B. Drilling Contractor Loffland Bros.
22. Approx. Date Work will start February 20, 1977

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

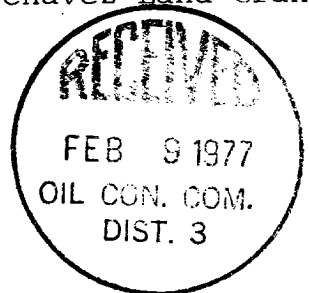
1a. Type of Work b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>	2. Name of Operator Houston Oil and Minerals Corporation	3. Address of Operator Suite 504, 1700 Broadway, Denver, Colorado 80203	4. Location of Well UNIT LETTER A LOCATED 990 FEET FROM THE East LINE AND 990 FEET FROM THE North LINE OF SEC. 1 TWP. 15N RGE. 4W NMPM
23. 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"	54.5#	150'	150	Circulate
12 1/4"	9 5/8"	32.3#	1200'	300-400	Circulate
8 3/4"	5 1/2"	15.5 & 17.0	8000'	1000+	-

Operator proposes to drill well to test Pennsylvanian. Completion to be determined from well logs. A 12" Series 900 (3000 psi) double gate and a Series 900 Hydril blowout preventer will be used during the drilling of the 12 1/4" and 8 3/4" hole. No abnormal pressures or temperatures are anticipated. The well will be located on the Ignacio Chavez Land Grant, Sandoval County.

APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCES

EXPIRES 5-10-77



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.

Area Manager

Signed J. Arnold Hall Title Minerals Management Inc. Date February 9, 1977

(This space for State Use)

APPROVED BY AR Kendrick TITLE SUPERVISOR DIST. #3 DATE FEB 9 1977

CONDITIONS OF APPROVAL, IF ANY: