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NEW MEXICO OIL CONSERVATION COMMISSION
OCT 22 1976

O. C. C.
ARTESIA, OFFICE

30-035-20015
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. N/A
7. Unit Agreement Name
8. Farm or Lease Name Lewelling
9. Well No. 2
10. Field and Pool, or Wildcat Wildcat
12. County Otero
19. Proposed Depth 12,000'
19A. Formation Permian/Pennsylvanian
20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 4506 (GL)
21A. Kind & Status Plug. Bond statewide
21B. Drilling Contractor Noble
22. Approx. Date Work will start 11-20-76

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>
2. Name of Operator Houston Oil and Minerals Corporation ✓	3. Address of Operator 1700 Broadway - Suite 504, Denver, Colorado 80202
4. Location of Well UNIT LETTER - C LOCATED 674.10 FEET FROM THE North LINE AND 1983.96 FEET FROM THE W LINE OF SEC. 10 TWP. 12S RGE. 9E NMPM	5. State Oil & Gas Lease No. N/A
6. Name of Operator Houston Oil and Minerals Corporation ✓	7. Unit Agreement Name
8. Farm or Lease Name Lewelling	9. Well No. 2
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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"	48.0	600'	600	surface
12-1/4"	9-5/8"	36.0	4500'	300	4000'
8-3/4"	5-1/2"	20.0	12,000'	1000	9000'

After surface casing is cemented (13-3/8"), will nipple up using 12" Series 900 double hydraulic BOP stack with Hydril. Necessary fill, kill, and choke lines will be installed and tested to 1000 psi before drilling out.

The well will be drilled to 12,000' utilizing a low solids, non-dispersed mud system. A perspective zone of interest will be evaluated with cores or DST's and logging. A twenty-four hour manned logging unit will be utilized from surface to TD.

**APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED**

Not Dedicated

1-28-77

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.

Signed Ronald P. Scott Title Drilling Engineer Date October 20, 1976

(This space for State Use)

APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT II DATE OCT 28 1976

CONDITIONS OF APPROVAL, IF ANY: