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NEW MEXICO OIL CONSERVATION COMMISSION

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30-035-20011

Form C-101
Revised 1-1-65

JUL 18 1974

O. C. C.
ARTESIA, OFFICE

5A. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No. 3724
7. Unit Agreement Name -
8. Farm or Lease No. <i>State 3724</i> Houston Oil & Minerals No. 1 St. Leo, 3724
9. Well No. 1
10. Field and Pool, or Wildcat Wildcat
12. County Otero
19. Proposed Depth 4500
19A. Formation Unknown
20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 5053 ft.
21A. Kind & Status Plug. Bond Blanket on File
21B. Drilling Contractor Loffland Brothers
22. Approx. Date Work will start 7-19-74

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"/>
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Wildcat SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>
2. Name of Operator Houston Oil & Minerals Corp.
3. Address of Operator 242 Main Bldg., 1212 Main St., Houston, Texas 77002
4. Location of Well UNIT LETTER <u>L</u> LOCATED <u>2240 7198</u> FEET FROM THE <u>S</u> LINE AND <u>1160</u> FEET FROM THE <u>W</u> LINE OF SEC. <u>36</u> TWP. <u>14S</u> RGE. <u>10E</u> NMPM
23. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/2 "	8-5/8 "	28	900		Circ. to surface
7 7/8 "	4 1/2 "	11	TD	500	

- 2 Series 900 QRC or equivalent
- 1 Series 900 Hydril

Test preventers to 3000 PSI when installed and at least once each week.

Preventers to be operated a minimum of once each 24 hrs.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,
EXPIRES 10-18-74

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 William M. Hazard Title Division Drilling Manager Date July 15, 1974

(This space for State Use)

APPROVED BY W. A. Gressett TITLE OIL AND GAS INSPECTOR DATE JUL 29 1974

CONDITIONS OF APPROVAL, IF ANY: Verbal approval 7-18-74
Subject to Santa Fe approval of NSL

Cement must be circulated to surface behind 8 7/8" casing