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NEW MEXICO OIL CONSERVATION COMMISSION

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 OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name Hannifin	
2. Name of Operator Houston Domestic Oil Company		9. Well No. 2	
3. Address of Operator 1420 Americana Building Houston, Texas 77002		10. Field and Pool, or Wildcat Wildcat	
4. Location of Well UNIT LETTER F LOCATED 1980 FEET FROM THE North LINE AND 1980 FEET FROM THE West LINE OF SEC. 31 TWP. 9S RGE. 30E NMDM		12. County Chaves	
19. Proposed Depth 9262 - 92'		19A. Formation Morrow	
20. History or C.T. Rot.		21. Elevations (Show whether DT, RT, etc.) 4000.5 GL	
21A. Kind & Status Plug Bond Blanket (Current)		21B. Drilling Contractor	
22. Approx. Date Work will start 4/17/78			

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	48	400'	100	Surface
11	8 5/8	24-28	2670'	700	1000'
7 7/8	5 1/2	15.5/17	9700'	1300	5000'

--Also zone @ 7176-7210' presently producing water

--Install 6" x 900 BOP

Pull tubing/packer and squeeze Abo zone @ 7176'-7210' utilizing cement retainer.
Drill out below squeezed perfs--wash sand from BP @ 7390' and retrieve.
Wash over TIW SS Packer @ 9150' and retrieve.
Re-perforate Morrow zone @ 9262'-66', 9282'-84', 9286'-92'.
Acidize and ball out with 2000 gals MS acid.
Fracture with 15,000 gals MS frac/19,500 lbs. sand.
Displace with 2% Kcl water.
Flow to clean up and test.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAMS 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 J. C. Trained Title Production Manager Date 7/21/78

(This space for State Use)

APPROVED BY John W. Renshaw Geologist TITLE Geologist DATE JUL 26 1978

CONDITIONS OF APPROVAL, IF ANY:

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JUL 25 1978

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