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NEW MEXICO OIL CONSERVATION COMMISSION

Form 1-11  
 Revised 1-1-75

1. A. State  STATE

2. Well No. **K 5001**

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
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"/>		8. Firm or Lease Name <b>UNION-STATE COM.</b>	
2. Name of Operator <b>HILLIARD OIL &amp; GAS, INC.</b>		9. Well No. <b>1</b>	
3. Address of Operator <b>906 Building of the Southwest, Midland, Texas 79701</b>		10. Field and Pool, or Wildcat <b>E-K Bone Spring</b>	
4. Location of Well UNIT LETTER <b>D</b> LOCATED <b>660</b> FEET FROM THE <b>North</b> LINE AND <b>660</b> FEET FROM THE <b>West</b> LINE OF SEC. <b>32</b> TWP. <b>18-S</b> RGE. <b>34-E</b> NMPM		12. County <b>Lea</b>	
19. Proposed Depth <b>9800'</b>		19A. Formation <b>Bone Spring</b>	20. Rotary or C.T. <b>Rotary</b>
21. Elevations (Show whether DF, RT, etc.) <b>3901' GR</b>	21A. Kind & Status Plug. Bond <b>Blanket - in effect</b>	21B. Drilling Contractor <b>KKA Drilling Co.</b>	22. Approx. Date Work will start <b>March 28, 1975</b>

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#	350'	370 sx	Surface
11"	8-5/8"	24 & 32#	5150'	500 sx	2750'
7-7/8"	4-1/2"	11.60#	9800'	500 sx	7800'

We propose to drill a 9800' Bone Spring test at this location as follows:

1. Drill 17-1/2" hole to 350'±. Set 13-3/8" csg. & cement to surface.
2. Drill 11" hole to 5130'± (into top of San Andres). Set 8-5/8" csg. & cement back to 2750'.
3. Drill 7-7/8" hole to TD of 9800'±.
4. DST all significant shows & run open hole logs.
5. Set 4 1/2" liner from 5000'± to 9800'±. Cement bottom 2000'.
6. In the event of dry hole, well will be plugged as per Commission requirements.
7. BOP's will be installed on each string of casing and will be pressure tested. BOP's will be operated & checked daily.

*6-17-75*

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 *David K. Ramsey* Title Manager of Operations Date 3-13-75

(This space for State Use)

APPROVED BY *John J. Ramsey* TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

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MAR 1 1975

**U.S. CONSERVATION COMM.**  
**HOBBBS, N. H.**