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NEW MEXICO OIL CONSERVATION COMMISSION
MAY - 5 1978
O. C. C.
ARTESIA, OFFICE

30-015-22534
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.

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 type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name HANLAD	
2. Name of Operator BEARD OIL COMPANY ✓		9. Well No. 1	
3. Address of Operator 2000 Classen Center, 200 So., Oklahoma City, OK 73106		10. Field and Pool, or Wildcat Undesignated	
4. Location of Well UNIT LETTER <u>E</u> LOCATED <u>1980</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>17</u> TWP. <u>17S</u> RGE. <u>24E</u> NMPM		12. County Eddy	
21. Elevations (Show whether DF, RT, etc.) 3822 GL		19. Proposed Depth 7400	19A. Formation Atoka
21A. Kind & Status Plug. Bond \$50,000. Blanket	21B. Drilling Contractor WEK Drilling Co., Inc.	20. Rotary or C.T. Rotary	
22. Approx. Date Work will start 7-1-78			

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
16"	13-3/8"	48#	200	300	Circulate
12-1/4"	8-5/8"	24#	1000	500	Circulate
7-7/8"	4-1/2"	10.5 & 11.6#	7400	300	6000'

A 16" hole will be drilled to approximately 200' where 13-3/8" casing will be set. A 12-1/4" hole will be drilled to approximately 1000' where 8-5/8" intermediate casing will be set. If lost circulation is encountered in the intermediate hole, the well will be dry drilled. If cement is not circulated on the 8-5/8" intermediate string, 1" will be run back of the 8-5/8" casing, and the well recemented to the surface through the 1". A 7-7/8" hole will be drilled from the base of the 8-5/8" casing to Total Depth. A Series 900 (3000# WP, 6000# Test) Double Ram Hydraulic Blowout Preventer will be used on the well. The Blowout Preventer and 8-5/8" casing will be pressure tested to 1000 psi before drilling the plug. Drill Stem Tests will be taken where warranted. Electric logs consisting of a Compensated Neutron-Formation Density Log and a Dual Laterolog Micro-SFL Log will run at Total Depth. If production is indicated, 4-1/2", 10.5# & 11.6# will be run for production casing. Sufficient cement will be used to cover all potential producing zones. A DV tool may be run if more than our prospective producing zone is encountered, depending on the interval between the zones. Prospective producing zones will be perforated and treated as required. (Gas is not dedicated - see attached statement.)

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTION ZONE AND PROPOSED NEW PRODUCTION 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 James W. Vater, Jr. Title Vice President Date May 2, 1978
(This space for State Use)

APPROVED BY W.A. Gessett TITLE SUPERVISOR, DISTRICT II DATE MAY 9 1978
CONDITIONS OF APPROVAL, IF ANY:

Cement must be circulated to surface behind 13 3/8" casing

Notify N.M.O.C.C. in sufficient time to witness cementing

8/1/78