

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

30-039-22 734

Form C-101  
Revised 10-1-78

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DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease  
STATE ☐ FEE ☒  
5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

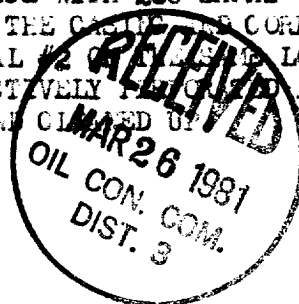
1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Unit Agreement Name
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Firm or Lessee Name CORAL CO.
2. Name of Operator HARBELL OIL COMPANY		9. Well No. 3
3. Address of Operator BOX 1097, FARMINGTON, NEW MEXICO 87401		10. Field and Pool, or Wildcat BAILLARD PICTURED CLIFFS
4. Location of Well UNIT LETTER <u>N</u> LOCATED <u>790'</u> FEET FROM THE <u>SOUTH</u> LINE AND <u>970'</u> FEET FROM THE <u>WEST</u> LINE OF SEC. <u>27</u> TWP. <u>25N</u> RGE. <u>6W</u> NMPM		12. County RIO ARriba
19. Proposed Depth 2340'		19A. Formation PICTURED CLIFFS
20. Rotary or C.T. ROTARY		
21. Elevations (Show whether D.F., R.T., etc.) 6354' GR.	21A. Kind & Status Plug. Bond STATE WIDE	21B. Drilling Contractor JAMES DRILLING CO.
22. Approx. Date Work will start MAY 1, 1981		

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
9 3/4"	7"	23#	100'	60	SURFACE
5 1/4"	2 7/8"	6.4#	2340'	260	SURFACE

IT IS PLANNED TO DRILL A 9 3/4" HOLE TO 100' AND SET 100' OF 7", 23#, J55 CASING AND CEMENT WITH 60 SACKS OF CEMENT FROM 100' TO SURFACE. A 5 1/4" HOLE WILL BE DRILLED TO A T.D. OF 2340' AND 2 7/8", 6.4#, N80 CASING RUN AND CEMENTED FROM T. D. TO SURFACE WITH 260 SACKS OF CEMENT. A GAMMA-RAY NEUTRON LOG WILL BE RUN INSIDE THE CASING AND CORRELATED WITH THE EXISTING E.S.-INDUCTION LOG OF THE CORAL #2 OIL FIELD LOCATION. THE PICTURED CLIFFS SANDSTONE WILL BE SELECTIVELY FLOODED AND SAND WATER FRACTURED. THE WELL WILL BE FLOWED BACK AND CEMENTED UP.



APPROVED FOR  
FOR 6-23-81 DATES  
(DRILLING COMMENCED)

EXPIRES 10-22-81

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 E. A. Clement Title E. A. Clement, Prod. Supt. Date 3-23-81

(This space for State Use)

APPROVED BY Frank J. Day TITLE SUPERVISOR DISTRICT #3 DATE APR 22 1981

CONDITIONS OF APPROVAL, IF ANY:

## OIL CONSERVATION DIVISION

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Form C-107  
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STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

All distances must be from the outer boundaries of the Section.

Operator <b>KIMBELL OIL COMPANY</b>		Lease <b>CORAL COM</b>		Well No. <b>3</b>
Unit Letter <b>M</b>	Section <b>27</b>	Township <b>25N</b>	Range <b>6W</b>	County <b>Rio Arriba</b>
Actual Footage Location of Well: <b>790</b> feet from the <b>South</b> line and <b>970</b> feet from the <b>West</b> line				
Ground Level Elev. <b>6354</b>	Producing Formation <b>Pictured Cliffs</b>	Pool <b>Ballard Pictured Cliffs</b>	Dedicated Acreage: <b>160</b> Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Communitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

Sec.		27
Fee Lease	Federal Lease No. 82-080136	
970'	790'	

Scale: 1"=1000'

## CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*E. A. Clement*  
Name

E. A. Clement

Position

Prod. Supt.

Company

Kimbell Oil Company

Date

3-23-81

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

March 23, 1981

Registered Professional Engineer  
and Land Surveyor*Fred B. Kern, Jr.*  
Fred B. Kern, Jr.

Certificate No.

3950