

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-145-21217

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
 R. A. Crane, Jr.

3. ADDRESS OF OPERATOR
 P. O. Box 1774, Burlington, New Mexico 7-11

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface
 At proposed prod. zone 6' 30' 60' 120'

5. LEASE DESIGNATION AND SERIAL NO.
 14-20-0603-904

6. IF INDIAN ALLOTTEE OR TRIBE NAME
 Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 Boobie Jane

9. WELL NO.
 One (1)

10. FIELD AND POOL, OR WILDCAT
 Salt Creek Lakova 247

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 8, N/2, 130N, R17W

12. COUNTY OR PARISH
 San Juan

13. STATE
 N.M.

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 4 miles N. W. Shiprock, New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE
 320

17. NO. OF ACRES ASSIGNED TO THIS WELL
 40

18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 0'

19. PROPOSED DEPTH
 1200'

20. ROTARY OR CABLE TOOLS
 Rotary

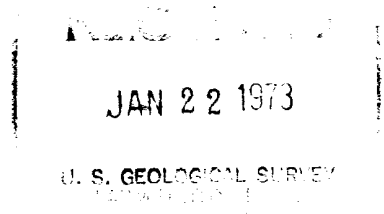
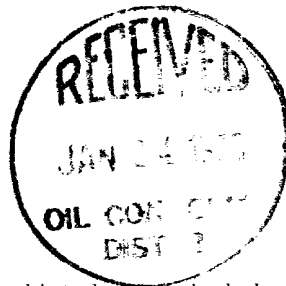
21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 GL 5085'

22. APPROX. DATE WORK WILL START*

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
2 3/4"	7"	20.4	30'	5 sacks
6"	1 1/2"	9.5	1200'	20 sacks

Plan to air drill 6" hole to test the Lakova formation.



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. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

Original signed by R. A. Crane, Jr. SIGNED _____ TITLE Operator DATE Jan. 12, 1973

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY gc _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

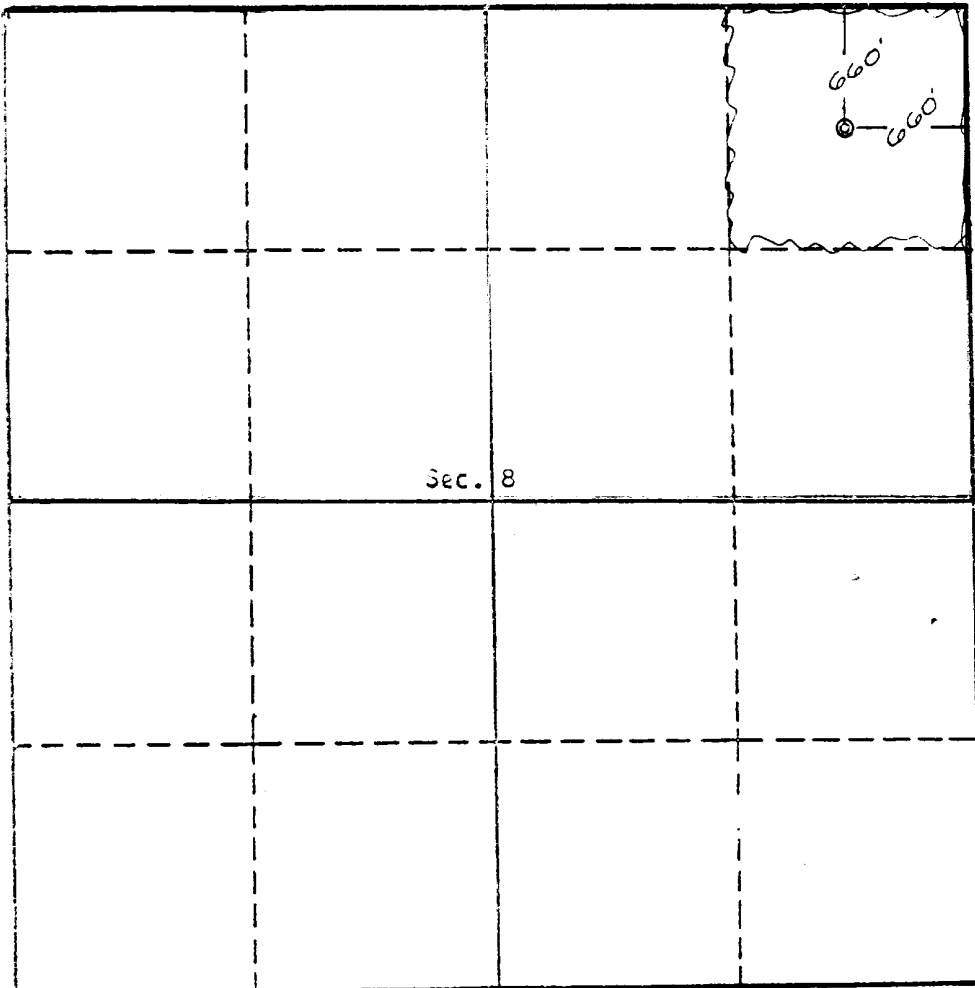
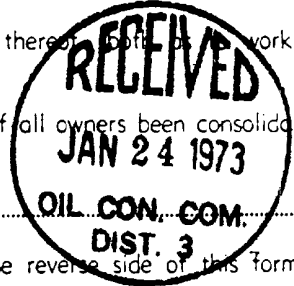
Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACERAGE DEDICATION PLAT**

All distances must be from the outer boundaries of the Section

Operator R. A. Crane, Jr.		Lease Bobbie Jane			Well No. 1
Unit Letter A	Section 8	Township 30 North	Range 17 West	County San Juan	
A. Well Footage Location of Well					
660 feet from the North line and		660 feet from the East line			
Ground Level Elev. 5085	Producing Formation Dak	Pool Salt Creek	Dedicated Acreage: 0.00		Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (state the 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
 If answer is "no," list the owners and tract descriptions which have actually 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.



Scale, 1 inch = 1,000 feet

CERTIFICATION

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

R. A. Crane, Jr.
Name
Operator
Position
Operator
Company
January 8, 1973
Date

R. A. Crane Jr.

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.

January 8, 1973
Date Surveyed
Registered Professional Engineer and/or Land Surveyor

E. V. Echohawk
Certificate No. 3602
E. V. Echohawk LS