

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☒ DEEPEN ☐ PLUG BACK ☐		5. LEASE DESIGNATION AND SERIAL NO. 4,155 NM 14155
b. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR BRUNSON & DeKnight, Inc.		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR Box 297, Hobbs, New Mexico 88240		8. FARM OR LEASE NAME Nat lesa
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1930' FAL & 660' FAL At proposed prod. zone		9. WELL NO. 1
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 20 miles west of Hobbs		10. FIELD AND POOL, OR WILDCAT Indesignated
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660'	16. NO. OF ACRES IN LEASE 320 Acs.	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 14-21S-32E
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	19. PROPOSED DEPTH 14,300'	12. COUNTY OR PARISH Lea
21. ELEVATIONS (Show whether DF, RT, GR, etc.) AA	17. NO. OF ACRES ASSIGNED TO THIS WELL 320	13. STATE NM
20. ROTARY OR CABLE TOOLS Rotary		22. APPROX. DATE WORK WILL START* 3/30/73

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 5/8"	43# K-40	300' - 300'	500 sx Class C 18% Salt, circ.
12 1/4"	9 5/8"	43# K-55 G	4000' - 4000'	200 sx Class C 10% Salt, 1100 sx Lite Mate 18% Salt
5 1/2"	7 5/8"	33.7# S-95 G	11,300'	600 sx Class C 18% Salt
5 1/2"	5 1/2"	20# K-80	14,300'	500 sx Class H + 8 lb. salt per sack

The attached drawing depicts the type of 1500 series blowout preventer that will be used. A 1500 series Snaffer rotating head blowout preventer will be used. Pit level indicators (totalizers) will be employed. All blowout preventer equipment will be tested by a Yellow Jacket hydraulic test to a pressure adequate to maintain all expected sub-surface pressures.

Mud program attached.

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.

24. SIGNED [Signature] TITLE Operator DATE 3/23/73
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ 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.