

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-015-22303

5. LEASE DESIGNATION AND SERIAL NO.  
NM-A-3302

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
King-Federal

WELL NO.  
1

10. FIELD AND POOL, OR WILDCAT  
Wildcat *Morrow*

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 5-T18S-R23E

12. COUNTY OR PARISH  
Eddy

13. STATE  
N.Mex.

17. NO. OF ACRES ASSIGNED TO THIS WELL  
320

20. ROTARY OR CABLE TOOLS  
Rotary and Cable Tools

22. APPROX. DATE WORK WILL START\*  
September 25, 1977

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  
M. Brad Bennett, Inc., and Robert K. Hillin

3. ADDRESS OF OPERATOR  
P.O. Box 2062, Midland, Texas 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)  
At surface 990' FSL and 2310' FEL  
At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
Approximately 4.2 miles (driving distance) south and east of Hope, New Mexico.

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
990'

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
None

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
3992' GR

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	48#	150'	Circulate
12 1/4"	8 5/8"	24#	1500'	Circulate
7 7/8"	4 1/2"	11.6#	7600'	250 SX

It is proposed to drill to a total depth of 7600' and test the Atoka and Morrow formations.

Mud Program: See Exhibit D.

BOP Program: The blowout prevention program will be as follows:

- (1) One set of blind rams.
  - (2) One set of drill pipe rams.
  - (3) One hydril ram.
- (See Exhibits F and G).

Gas not dedicated.

**RECEIVED**

SEP 15 1977

U.S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO

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. *Edward N. Lucking* Vice-President, Oil & Gas Administrative Services Co.  
Agent for M. Brad Bennett, Inc., and Robert K. Hillin  
DATE 9-14-77

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

**APPROVED**  
SEP 21 1977  
*H. Beckman*  
ACTING DISTRICT ENGINEER

THIS APPROVAL IS RECEIVED IF OPERATIONS ARE NOT COMMENCED WITHIN 3 MONTHS.  
EXPIRES DEC 21 1977  
See Instructions On Reverse Side

DECLARED WATER BASIN  
DATE 13 3/8"  
CEMENT BEHIND THE 8 5/8"  
CASING MUST BE CIRCULATED  
NOTIFY USGS IN SUFFICIENT TIME TO FINISH CEMENTING THE 8 5/8" CASING.

## 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.