



DEPARTMENT OF NATURAL RESOURCES
 STATE CONSERVATION COMMISSION
 STATE OF COLORADO

RECEIVED

DEC 9 1974

APPLICATION
 FOR PERMIT TO DRILL, DEEPEN, OR REENTER AND OPERATE

5. LEASE DESIGNATION AND SERIAL NO.
 OIL & GAS CONS. COMM.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 Sandhouse-Birney

9. WELL NO.
 31-1

10. FIELD AND POOL, OR WILDCAT
 Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 31, T9N, R55W

12. COUNTY
 Logan

13. STATE
 Colorado

1a. TYPE OF WORK
 DRILL DEEPEN REENTER

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

2. NAME OF OPERATOR
 Cockrell Corporation

3. ADDRESS OF OPERATOR
 Suite 999, The Main Building, Houston, TX 77002

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface NE of NE, Sec. 31, 660' FNL & 660' FEL Sec. 31
 At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
 15 miles + NW of Sterling

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. line, if any) 660

16. NO. OF ACRES IN LEASE* 160

17. NO. OF ACRES AND/OR DRILLING UNIT ASSIGNED TO THIS WELL -

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

19. PROPOSED DEPTH 5,750'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4,358 GR

22. APPROX. DATE WORK WILL START 12/15/74

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT	
12-1/4"	9-5/8 or 8-5/8	32 or 28	125	100 sacks	HHM
7-5/8	4-1/2 or 5-1/2	9 or 15.50	T.D.	300 sacks	JAM ✓

* DESCRIBE LEASE
 Township 9 North, Range 55 West, 6th P.M.
 Section 31: NE/4

Blanket

DVR	
FJP	
HHM	
JAM	✓
JJD	
GCH	<i>Plot</i>
CGM	✓

ck. 40506 4150 (2)

After setting and cementing surface casing, blowout preventers will be installed and tested. Well will be drilled to total depth with water and native mud.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or reenter and operate, 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.

In accepting this permit the applicant agrees to fully abide by the requirements and rules of this Commission governing this permitted operation including his responsibility to prevent pollution of state waters during drilling, treating, testing, and producing operations and by the casing, cementing and plugging requirements particularly designed for the protection of state waters and the prevention of intermingling of the contents of all the various zones encountered in this permitted operation.

24. SIGNED *W. E. T. Smith* TITLE Vice President DATE 12/ 4/74

(This space for Federal or State Office use)

PERMIT NO. 741025 APPROVAL DATE _____

APPROVED BY *D. V. Rogers* TITLE DIRECTOR DATE DEC 9 1974

CONDITIONS OF APPROVAL, IF ANY:

74-1025



See Instructions On Reverse Side

A.P.I. NUMBER
8459
(05-075-8459)