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OGCC FORM 2
REV. 7-71

DEPARTMENT OF NATURAL RESOURCES
OIL AND GAS CONSERVATION COMMISSION
OF THE STATE OF COLORADO

COLO. OIL & GAS CONS. COMM.

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

5. LEASE DESIGNATION AND SERIAL NO. 00032306

6. I.  NAME _____

7. U. _____

8. FARM OR LEASE NAME
Firecracker Unit

9. WELL NO.
2

10. FIELD AND POOL, OR WILDCAT
Spindle

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 1, T1N, R68W

12. COUNTY Weld
13. STATE Colorado

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE

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

16. NO. OF ACRES IN LEASE* 320

17. NO. OF ACRES AND/OR DRILLING UNIT ASSIGNED TO THIS WELL 40

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

19. PROPOSED DEPTH 5200

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5042 GR

22. APPROX. DATE WORK WILL START ASAP

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24	500	Circ. to Surface
7 7/8	4 1/2	11.6	5200	Cover all Possible Pays

(DV Tool will be used to cover Fox Hills Formation - Base of Fox Hills Formation estimated at 550')

* DESCRIBE LEASE Drilling Unit NW NW Sec. 12,
Propose to drill well to test Sussex-Shannon Oil
Will run SP-IES Log from bottom of surface casing to total depth
Will run FDC-GR- Caliper Log from 3900 - total depth
Surface Owner is party to lease
Completion Program will be contingent upon samples and logs
Directional & Deviation Surveys will be taken in accordance with Spindle order
Amoco holds lease on entirety of Sections 1 and 12, T1N, R68W

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 [Signature] TITLE Area Admin. Supervisor DATE 9-8-78

(This space for Federal or State Office use)

PERMIT NO. 78 942 APPROVAL DATE _____
APPROVED BY [Signature] TITLE DIRECTOR DATE SEP 20 1978
CONDITIONS OF APPROVAL, IF ANY:

See Instructions On Reverse Side

A.P.I. NUMBER

05 123 9604