



REGULATION COMMISSION
OF COLORADO

RECEIVED
MAY 27 1976

COLO. OIL & GAS CONS. COMM.

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

2. NAME OF OPERATOR
 Energy Reserves Group, Inc.

3. ADDRESS OF OPERATOR
 P. O. Box 3280, Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface 2664' FSL, 1314' FWL (C W/2) 5
 At proposed prod. zone top- 1990' FNL, 1314' FWL Sec. 11
 TD - 820' FNL, 1314' FWL Sec. 11

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
 Approximately 8 miles east of Hayden, Colorado

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 William Peltier

9. WELL NO.
 1

10. FIELD AND POOL, OR WILDCAT
 Wildcat Bear River

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 11-T6N-R87W

12. COUNTY OR PARISH | 13. STATE
 Routt | Colorado

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any) 1314' ✓

16. NO. OF ACRES IN LEASE * 600

17. NO. OF ACRES ASSIGNED TO THIS WELL 80

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

19. PROPOSED DEPTH 6550' ✓

20. ROTARY OR CABLE TOOLS Rotary *Blanket*

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7029' GR

22. APPROX. DATE WORK WILL START July 9, 1976

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#	300'+	370 sks
12 1/4"	9-5/8"	36#	3000'+	200 sks

* DESCRIBE LEASE
 Sec. 2 - S 1/2 SW; NE SW; W 1/2 SE - 200 acres
 Sec. 11- W 1/2; W 1/2 NE 400 acres

Drill 17 1/2" hole to 300'+. Set 13-3/8" 48# casing at 300'+ and cement to surface with 370 sks cement. Drill 12 1/4" hole to 3000'+ with water base mud and lost circulation material as required (potential lost circulation problems are indicated in this interval). It will probably be necessary to set 9-5/8" 36# casing at 3000'+ and cement with 200 sks. Drill 8-3/4" hole to TD, if possible, with aerated oil base mud. If this is possible and the Niobrara is productive, run 5 1/2" casing from the base of the 9-5/8" casing to TD, with slotted casing in the Niobrara interval. It is planned to drill the well directionally from 3550' to TD in a northerly direction. No cores or DST's are planned.

Estimated tops -	Tow Creek Sand	1720'	Niobrara	5350'
(measured depth)	Morapos Sand	2465'	TD	6550'

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 Dean B. Barnes TITLE Rocky Mtn. Dist. Drlg. Engr DATE May 24, 1976

(This space for Federal or State office use)
 PERMIT NO. 76 418 APPROVAL DATE 00203684
 APPROVED BY [Signature] TITLE DIRECTOR DATE MAY 28 1976
 CONDITIONS OF APPROVAL, IF ANY:



See Instructions On Reverse Side

A.P.I. NUMBER
05 107 6045