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MAY 7 1990



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

COLO. OIL & GAS CONSERV. COMM.

APPLICATION
FOR PERMIT TO DRILL, DEEPEN, OR RE-ENTER AND OPERATE

1a. TYPE OF WORK DRILL DEEPEN RE-ENTER

b. TYPE OF WELL
OIL WELL GAS WELL OTHER

SINGLE ZONE MULTIPLE ZONE

5. LEASE DESIGNATION AND SERIAL NO. N.A.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME N.A.

7. UNIT AGREEMENT NAME N.A.

8. FARM OR LEASE NAME Castor ✓

9. WELL NO. 3 ✓

10. FIELD AND POOL, OR WILDCAT Gemini ✓

11. QTR. QTR. SEC. T.R. AND MERIDIAN C NESE S 12-7N-59W ✓

2. OPERATOR: Energy Minerals Corporation
ADDRESS: 999 18th Street, Suite 3100
CITY: Denver STATE: CO ZIP: 80202

3. PHONE NO. (303) 296-4900

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface 1980' FSL & 660' FEL
At proposed Prod. zone Same

15. DISTANCE, IF LESS THAN 200 FT. FROM ANY OCCUPIED BLDG. PUBLIC ROAD, ABOVE GROUND UTILITY LINE OR RAILROAD (SHOW FOOTAGES ON SURVEY PLAT) N/A

12. COUNTY Weld ✓

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

15. NO. OF ACRES IN LEASE* 320

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

17. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1320'

18. PROPOSED DEPTH 6640

19. OBJECTIVE FORMATION D-Sand

20. ELEVATIONS (Show whether GR or KB) 4859' GL

21. DRILLING CONTRACTOR PHONE NO.

22. APPROX. DATE WORK WILL START 05-04-90

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2	8-5/8	24	300 *	300SX
7-7/8	4 1/2	11.6	6640	150SX

24. IS SURFACE OWNER ALSO THE MINERAL OWNER? YES NO
If NOT surface bond must be on file or copy of surface agreement must be furnished.
If irrigated land, surface bond of \$5000 is required.

*DESCRIBE LEASE BY QTR. QTR., SEC., TWSHP., RNG.
S2 Section 12 - Township 7 North - Range 59 West, 6th P.M. ✓

PLEASE FILL IN APPROPRIATE CODES:
OPER. NO. 27550
DRLR. NO. 29950
FIELD NO. 29950
LEASE NO.
FORM CD. DSND

just (per other Castor wells #1 & 2)

25. PRINT D.M. Johnson
SIGNED [Signature] TITLE Vice President - Operations DATE 05-02-90

(This space for Federal or State Use)

PERMIT NO. 90-457 APPROVAL DATE MAY 8 1990 EXPIRATION DATE SEP 5 1990

APPROVED BY [Signature] TITLE Director DATE MAY 8 1990
Oil & Gas. Conserv. Comm.

CONDITIONS OF APPROVAL, IF ANY:

A.P.I. NUMBER
05 123 14615

COMPLY WITH ORDER A-1-3

See Instructions On Reverse Side

* Set 350' of surface casing to protect Fox Hills.
[Signature]