

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

DEKALB Energy Company

3. ADDRESS OF OPERATOR

1625 Broadway - Denver, CO 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

940' FSL & 1620' FWL, SE/4 SW/4 Section 18

At proposed prod. zone

Same

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

12 miles South of Bloomfield, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

940'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

711' (Dakota)

16. NO. OF ACRES IN LEASE

1906.27

19. PROPOSED DEPTH

2070'

17. NO. OF ACRES ASSIGNED

TO THIS WELL

300/160/w/315.88

20. ROTARY OR CABLE TOOLS

Rotary

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

6127' GR, 6139' KB (est).

23.

This action is subject to technical and
procedural review pursuant to 43 CFR 3100.3
and appeal pursuant to 43 CFR 3100.4

22. APPROX. DATE WORK WILL START*

November, 1990

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT GENERAL REQUIREMENTS*
12-1/4"	8-5/8" OD	24#	120'	87 sx, Circ to surf.
7-7/8"	5-1/2" OD	15.5#	2070'	390 sx, Circ to surf.

1. Drill 12-1/4" surface hole and set surface casing as above.
2. Drill 7-7/8" hole to 2070'.
3. Run DIL, CNL-FDC w/GR-Caliper Logs.
4. Set 5-1/2" casing string if warranted, or P&A in compliance with regulations.
5. If dry, the location will be reshaped to original topography. Stockpiled topsoil will be respread and the area reseeded. If casing is set, the location may be reduced to a size necessary for completion and production. The remainder of the site will be restored as described above.

Exhibits Attached to this APD

"A"-Well Location Plat; "B"-Ten Point Compliance Program; "C"-Blowout Preventer Diagram; "D"-Multipoint Surface Use Requirements; "E"-Road Access Map to Area; "F"-Wells Within One Mile Radius; "G"-Topographic Map of Area; "H", "H-1"; "I"-Drilling Location Plan, Contours, Cuts, and Fills; "J"-Drilling Rig Plan; "K"-Archaeology Statement.

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

TITLE

District Superintendent

DATE

October 8, 1990

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

NMOCOD