

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 - Suite 1300 - Denver, CO 80202

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

At surface 1075' FSL, 1580' FWL, SE/4 SW/4, Sec. 5

At proposed prod. zone

Same

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

20 miles SE of Blanco, NM

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

1075'

## 16. NO. OF ACRES IN LEASE

2248.4

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

197'

## 19. PROPOSED DEPTH

2300'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

329/160

## 20. ROTARY OR CABLE TOOLS

Rotary

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

6034' GR

6046' KB (Est)

EXHIBITS ATTACHED TO THIS APD  
SHOWN ON ATTACHED MAP

## 22. APPROX. DATE WORK WILL START\*

Jan., 1990

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

This section is subject to technical and  
production review by the Division of Oil and Gas  
Conservation and Development, U.S. Department of the Interior.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24# K55	120'	87 sx (Circ)
7-7/8"	5-1/2"	15.5#, K55	2300'	433 sx (Circ)

1. Drill 12 1/4" surface hole and set surface casing as above.
2. Drill 7-7/8" hole to 2300'.
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. The location will be reshaped to original topography. Stockpiled topsoil will be respread and the area reseeded.

## 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", "F-1" - Wells Within One Mile Radius; "G" - Topographic Map Of Area, Road Access; "H", "H-1" Drilling Location Plan, Contours, Cuts and Fills; "I" - Drilling Rig Plan; "J" - Archeology Report.

RECEIVED

DEC 18 1989

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 location and the surface and the vertical depths. Give blowout preventer program, if any.

OIL CON. DIV.

DIST. 3

## 24.

SIGNED

John S. Wylie

TITLE District Superintendent

DATE December 1, 1989

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL

RECEIVED

JAN 03 1990

OIL CON. DIV

DIST. 3

APPROVED  
AS AMENDED

DEC 14 1989

AREA MANAGER

Hold 2-104  
For DHC