



99999999

STATES
THE INTERIOR

GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE
(Other instructions on
reverse side)Form approved.
Budget Bureau No. 42-R1425.

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

Chandler & Associates, Inc.

3. ADDRESS OF OPERATOR

1401 Denver Club Building, Denver, Colorado 80202

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

At surface

660' from south line

660' from east line

(C SE SE) (16)

At proposed prod. zone

as above

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

4 miles northeast of Sterling, Colorado

15. DISTANCE FROM PROPOSED*

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

660'

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

-0-

16. NO. OF ACRES IN LEASE

2160

19. PROPOSED DEPTH

4650'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

20. ROTARY OR CABLE TOOLS

Rotary

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

GR 4046'

22. APPROX. DATE WORK WILL START*

Jan. 13, 1971

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#	150'	150 ex.
7 7/8"	5 1/2"	14#	4650'	200 ex.

1. Drill to TD of 4650' ("J" Sand Test).
2. Run 5 1/2" csg. if commercial production is indicated.
3. If dry hole, plug and abandon as instructed by USGS.
4. Mud program will be chemical gel to TD w/mud up @ approx. 3600'.
5. Mud weight will be 9.7±, vis. 50±, and WL 10 cc or less.
6. Well control equipment will be furnished by the Drilling Contractor and will include double hydraulic system of 900 Series. A fillup line will be installed and equipment pressure tested before drilling out from under surf., and mechanically checked daily while drilling.

DVR	
FJP	
HMM	Plotted
JAM	
JID	

OK-39360

NAME OF WELL: E. STERLING-FEDERAL NO. 16-9

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

Richard Veghte

TITLE

Petroleum Engineer

DATE

12-21-71

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

DIRECTOR

U S G S COMM. COMM.

DEC 22 1971

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

A.P.I. NUMBER

05-075-8309



00249435

Side

71-1018