



99999999

STATES
THE INTERIOR

GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 42-R1425.

RECEIVED
DEC 22 1971

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. 222-7911

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'**

16. NO. OF ACRES IN LEASE
2160

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. **-0-**

19. PROPOSED DEPTH
4650'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
GR 4046'

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

17. NO. OF ACRES ASSIGNED TO THIS WELL

20. ROTARY OR CABLE TOOLS
Rotary

22. APPROX. DATE WORK WILL START*
Jan. 18, 1971

- Drill to TD of 4650' ("J" Sand Test).
- Run 5 1/2" csg. if commercial production is indicated.
- If dry hole, plug and abandon as instructed by USGS.
- Mud program will be chemical gel to TD w/mud up @ approx. 3600'.
- Mud weight will be 9.7z, vis. 50z, and WL 10 cc or less.
- 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	Rooted
JAM	
JJD	

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**

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY Al Rogers TITLE **DIRECTOR** DATE **DEC 22 1971**
O & G CONS. COMM.

CONDITIONS OF APPROVAL, IF ANY:

A.P.I. NUMBER
05-075-8309



00249435

Side

71-1018

16