

DEPARTMENT OF NATURAL RESOURCES  
CONSERVATION COMMISSION  
STATE OF COLORADO

RECEIVED

JAN 14 1972

4

## APPLICATION

## FOR PERMIT TO DRILL, DEEPEN, OR REENTER AND OPERATE

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> REENTER AND OPERATE <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. 71-407-S	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME -	
2. NAME OF OPERATOR Chandler & Associates, Inc.		7. UNIT AGREEMENT NAME -	
3. ADDRESS OF OPERATOR 1401 Denver Club Bldg		8. FARM OR LEASE NAME E. Sterling State	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 780' 660' From North line 660' From West line At proposed prod. zone as above		9. WELL NO. 4-15	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 4 miles Northwest of Sterling, Colorado		10. FIELD AND POOL, OR WILDCAT Wildcat	
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. line, if any) 660'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 15-T8N-R51W	
16. NO. OF ACRES IN LEASE* 640 acres-Sec 15 Total		12. COUNTY Logan	
17. NO. OF ACRES AND/OR DRILLING UNIT ASSIGNED TO THIS WELL -		13. STATE Colorado	
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. -0-		19. PROPOSED DEPTH 4650'	
20. ROTARY OR CABLE TOOLS rotary		21. APPROX. DATE WORK WILL START Jan. 18, 1972	
22. ELEVATIONS (Show whether DF, RT, GR, etc.) To Follow		23. APPROX. DATE WORK WILL START Jan. 18, 1972	

23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2"	85/8"	24#	150'	150 sx.
7 7/8"	5 1/2"	14#	4650'	200sx.

NAME OF WELL: E. Sterling State #4-15



00216726

\*DESCRIBE LEASE

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.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or reenter and operate, 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.

In accepting this permit the applicant agrees to fully abide by the requirements and rules of this Commission governing this permitted operation including his responsibility to prevent pollution of state waters during drilling, treating, testing, and producing operations and by the casing, cementing and plugging requirements particularly designed for the protection of state waters and the prevention of intermingling of the contents of all the various zones encountered in this permitted operation.

24.

SIGNED

Richard Veghte

TITLE Petroleum Engineer

DATE 1-14-72

(This space for Federal or State Office use)

72 30

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DIRECTOR  
O & G CONS. COMM.

DATE

JAN 14 1972

CONDITIONS OF APPROVAL, IF ANY:

A.P.I. NUMBER

05 075 8316

See Instructions On Reverse Side