

15-159-20,398-0000

TO BE FILED WITH THE STATE CORPORATION COMMISSION PRIOR TO COMMENCEMENT OF WELL

1. Operator Sterling Drilling Company  
Cardinal Petroleum Company Address P. O. Box 129, Sterling, Kansas 67579
2. Lease name Howe Well No. 1 County Rice
3. Well Location C NW NE Sec. 21 Township 21S Range 7W
4. Well to be drilled 660 ft. from nearest lease line.
5. Drilling Contractor Sterling Drilling Company Address P. O. Box 129, Sterling, Kansas 67579
6. Type of equipment: Rotary  Cable Tool  Approx. date operation to begin 15 October 1971
7. Well to be drilled for Oil  Gas  Disposal  Input  Estimated Total Depth of Well 3400 ft.
8. Depth of deepest fresh water well within one mile of location 100 ft. If none exists, write NONE
9. Ground elevation at location is approx. -- ft. higher or -- ft. lower than ground elevation at water well.
10. Depth of the deepest municipal water well within three miles of location None ft. If none exists, write NONE
11. Operator states that he will set surface pipe at least 25 ft. below all Tertiary or unconsolidated deposits and, taking into consideration differences in ground elevations, that the minimum depth necessary, to the best of his knowledge and belief, to protect all fresh water zones is 100 ft. and operator agrees to set surface pipe at this location to a depth of not less than 150 ft. Alternate 1  Alternate 2

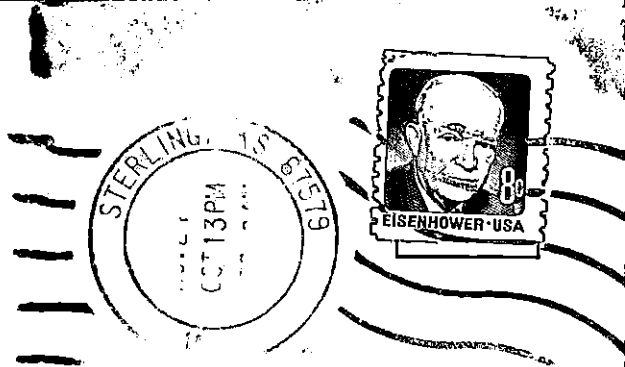
REMARKS:

Signature of Operator

William Shepherd

William Shepherd, Geologist





**State Corporation Commission of Kansas**  
**Conservation Division**  
**500 Insurance Building**  
**212 North Market**  
**Wichita, Kansas 67202**

RECEIVED  
STATE CORPORATION COMMISSION  
OCT 14 1971  
CONSERVATION DIVISION  
Wichita, Kansas

**(IF PREFERRED, MAIL IN ENVELOPE)**