

STATE OF KANSAS  
STATE CORPORATION COMMISSION  
200 Colorado Derby Building  
Wichita, Kansas 67202

WELL PLUGGING RECORD  
K.A.R.-82-3-117

API NUMBER 15-007-22,177-0000

LEASE NAME Cooper

WELL NUMBER 1-32

660 Ft. from S Section Line

660 Ft. from E Section Line

SEC. 32 TWP. 31 RGE. 11 (R) (W)

COUNTY Barber

Date Well Completed 2-22-88

Plugging Commenced 2-22-88

Plugging Completed 2-22-88

TYPE OR PRINT  
NOTICE: Fill out completely  
and return to Cons. Div.  
office within 30 days.

LEASE OPERATOR Rine Exploration Company

ADDRESS Suite #645, 300 W. Douglas, Wichita, KS 67202

PHONE# (316) 262-5418 OPERATORS LICENSE NO. 5020

Character of Well \_\_\_\_\_

(Oil, Gas, D&A, SWD, Input, Water Supply Well)

The plugging proposal was approved on 2-22-88 @ 2:10 PM (date)

by Dan Goodrow (KCC District Agent's Name).

Is ACO-1 filed? will be by operator If not, Is well log attached? yes

Producing Formation \_\_\_\_\_ Depth to Top \_\_\_\_\_ Bottom T.D. 4450'

Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

CASING RECORD

Formation	Content	From	To	Size	Put In	Pulled out

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same and depth placed, from \_\_\_ feet to \_\_\_ feet each set.  
Plug #1 set @ 840' with 50 sacks cement through drill pipe.  
Plug #2 set @ 280' with 40 sacks cement through drill pipe.  
Plug #3 set @ 40' with 10 sacks cement; 15 sacks in rat hole

(If additional description is necessary, use BACK of this form.)

Name of Plugging Contractor Duke Drilling Co., Inc. License No. 5929

Address PO Box 823, Great Bend, KS 67530

STATE OF Kansas COUNTY OF Barton, ss.

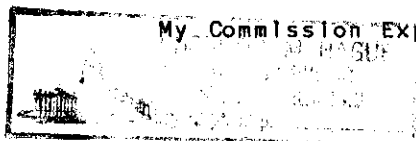
JOHN ARMBRUSTER (Employee of Operator) or (Operator) of above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed that the same are true and correct, so help me God.

(Signature) John J. Armbruster

(Address) PO Box 823, Great Bend, KS 67530

SUBSCRIBED AND SWORN TO before me this 26 day of February, 1988

Dorothy M. Hoque  
Notary Public



Form CP-4  
Revised 07-87  
Wichita, Kansas

DRILLER'S WELL LOG

DATE COMMENCED: February 15, 1988  
DATE COMPLETED: February 22, 1988

RINE EXPLORATION COMPANY  
Cooper #1-32  
C, SE $\frac{1}{4}$  SE $\frac{1}{4}$   
Sec. 32-T31S-R11W  
Barber County, KS

ELEVATION: 1569'

- 0 - 101' Topsoil, shale
- 101 - 261' Shale
- 261 - 535' Shale, Red Bed
- 535 - 1280' Shale, Red Bed, Red Rock
- 1280 - 1565' Shale & lime streaks
- 1565 - 2390' Lime & Shale streaks
- 2390 - 2668' Lime & Shale
- 2668 - 3170' Lime & Shale Streaks
- 3170 - 3560' Lime & Shale
- 3560 - 3677' Lime & Sand Streaks
- 3677 - 3798' Lime
- 3798 - 3978' Lime & Shale
- 3978 - 4388' Lime
- 4388 - 4450' Lime & Chert
- 4450' RTD

Surface Pipe: Set new  
8-5/8", 23# @ 261' with  
150 sacks 60/40 pozmix,  
2% gel, 3% c.c.

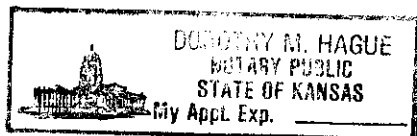
A F F I D A V I T

STATE OF KANSAS  
COUNTY OF BARTON) ss

JOHN ARMBRUSTER of lawful age, does swear and state that the facts  
and statements herein are true and correct to the best of his knowledge.

*John Armbruster*  
John Armbruster

SUBSCRIBED AND SWORN to before me this 26 day of February, 1988.



*Dorothy M. Hague*  
Notary Public

702900  
2-29-88  
Notary Public  
Wichita, Kansas