

RAY ROME #1 WELL

Location: NE SW Sec. 27
T-9-S, R-25-W
Graham County, Kansas

Drilled: 2/2/60
Completed: 2/15/60

Owner: National Cooperative Ref. Assn.
3rd Floor, Hale Building
Wichita, Kansas

Contractor: Kimbark Exploration Co.
P. O. Box 1557
Denver 1, Colorado

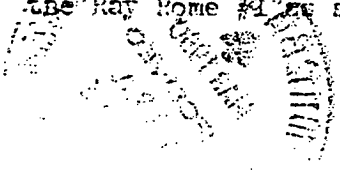
Surface Casing: 8 5/8" ss casing cemented @ 29' F.R. w/200 sx.

Oil String: 5 1/2" casing cemented @ 4112' w/75 sx-cement.

LOG - Figures indicate bottom of formation.

670	Shale
1,775	Shale & Sand
2,645	Shale
2,995	Shale & Lime
3,260	Shale & Lime
3,485	Shale & Lime
3,781	Shale & Lime
3,926	Shale & Lime
4,040	Shale & Lime
4,080	Shale & Lime
4,110	Rotary Total Depth

The undersigned, W. K. Arbuckle, President of Kimbark Exploration Company, hereby certifies that the above is a true and correct log of the formations encountered in drilling the Ray Rome #1 as shown in the daily drilling reports.



KIMBARK EXPLORATION COMPANY
W. K. Arbuckle
W. K. Arbuckle, President

STATE OF COLORADO)ss
CITY & COUNTY OF DENVER)

Be it remembered that on this 9th day of May 1960, before me Helen
A. Lockemby a notary public personally appeared W. K. Arbuckle, President of
Kimbark Exploration Company, a Colorado corporation, who is personally known to me and
known to me to be the president of said corporation, and the same person who executed
the foregoing instrument, and he has duly acknowledged the execution of the same for
and on behalf of and as the act and deed of said corporation.

WITNESS my hand and official seal:

My commission Expires 2-13-63.

RECEIVED
STATE CORPORATION COMM

NOV 17 1993

Helen A. Lockemby
Notary Public
Wichita, Kansas