

# WELL LOG

MAY 18 1973

COMPANY KIMBARK OPERATING COMPANY

SEC. 2 T. 10S R. 25W  
LOC. C NE NW

FARM Bernard #3-X NO. #3-X

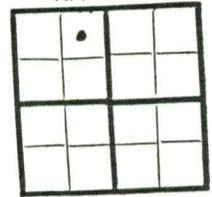
RIG. NO. 15

COUNTY Graham,  
KANSAS

TOTAL DEPTH 4045' RTD

COMM. 2-14-73

COMP. 2-20-73



CONTRACTOR Murfin Drilling Company

**CASING**

20 10  
15 8 5/8" set @ 203' w/160 sx  
12 6  
13 4 1/2" set @ 4044'

ELEVATION

PRODUCTION Oil

FIGURES INDICATE BOTTOM OF FORMATIONS

Surface Soil & Sand	0-160
Shale	160-203
Shale & Sand	203-1685
Sand	1685-1907
Shale	1907-2140
Anhydrite	2140-2177
Shale	2177-2325
Shale & Lime	2325-3480
Lime	3480-4045
RTD	4045

Log Tops	Depth
Sc	2141
B Sc	2176
Heeb	3755
Tor	3779
Lans	3795
Td	4044

Spudded: 10/4/61  
Completed: 10/15/61

Contractor: Kimbark Exploration Company  
201 University Blvd.  
Denver 6, Colorado

15' K.B. with 150 sacks quick set.

LOG

Figures indicate bottom of formation

205	Shale
482	Shale
1,495	Shale and Sand
2,065	Shale and Lime
2,530	Lime and Shale
2,912	Shale and Lime
3,190	Shale and Lime
3,375	Lime
3,470	Shale and Lime
3,625	Lime and Shale
3,810	Lime
3,859	Lime
4,006	Lime
4,006	Rotary Total Depth

RECEIVED  
STATE CORPORATION COMMISS

APR 13 1973

CONSERVATION DIVISION  
Wichita, Kansas

State of \_\_\_\_\_

County of \_\_\_\_\_

I, James R. Daniels

upon oath state



Subscribed and sworn to before me this 26th day of February 1973  
SAUNDRA K. TAYLOR, Notary Public  
My Commission Expires Sept. 5, 1976

James R. Daniels  
JAMES R. DANIELS, GENERAL MANAGER

Saundra K. Taylor  
NOTARY PUBLIC