

WELL PLUGGING RECORD

Give All Information Completely  
 Make Required Affidavit

COUNTY Kiowa SEC. 21 TWP. 29 RGE. 19 W  
 Location as in quarters or footage from lines:  
C N $\frac{1}{2}$  NW $\frac{1}{4}$


Lease Owner Graham-Michaelis Corp.  
 Lease Name Swisher Well No. 1-21  
 Office Address Box 769 Woodward, Oklahoma 73801  
 Character of Well (Completed as Oil, Gas or Dry Hole): \_\_\_\_\_  
 Date Well Completed \_\_\_\_\_  
 Application for plugging filed \_\_\_\_\_  
 Plugging commenced 6-29-84  
 Plugging completed 7-2-84  
 Reason for abandonment of well or producing formation \_\_\_\_\_

Locate Well  
 correctly on above  
 Section Platt.

Was permission obtained from the Conservation Division or it's  
 Agent's before plugging was commenced? Yes

Name of Conservation Agent who supervised plugging of this well Paul Luthi  
 Producing formation \_\_\_\_\_ Depth to top \_\_\_\_\_ bottom \_\_\_\_\_ T.D. 5140  
 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
				8 5/8	639	none
				4 1/2	5139	2614

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 hold. If cement  
 or other plugs were used, state the character of same and depth placed, from \_\_\_\_\_ feet  
 to \_\_\_\_\_ feet for each plug set.

Pump 25 sks. of cement @ 5084 to 4900  
 Pump 40 sks. of cement @ 1400 to 1300  
 Pump 50 sks. of cement @ 680 to 580  
 Put 10 sks. of cement @ 40 to 0

Cut off & cap 8 5/8 3' below ground level

JUL 27 1984

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

Name of Plugging Contractor Sargent & Casing Pulling Service Box 506 Liberal, Kansas 67901

STATE OF Kansas COUNTY OF Sedgwick, ss.  
Jack L. Yinger (employee of owner) or (owner or operator) of the  
 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 and that the same are true and correct. So help me God.

(Signature) Jack L. Yinger  
Graham-Michaelis Corporation  
 (Address) 211 N. Broadway, Wichita, Ks. 67202

SUBSCRIBED AND SWORN TO before me this 31st day of July, 19 84

ALDINE M. JOHNSON  
 NOTARY PUBLIC  
 STATE OF KANSAS  
 My Appointment Expires:  
3-19-85

Aldine M. Johnson  
 Notary Public.

RECEIVED  
 STATE CORPORATION COMMISSION

AUG 01 1984

CONSERVATION DIVISION  
 Wichita, Kansas

My Commission expires:

SWISHER #1-21

## WELL RECORD:

## LOCATION:

C N/2 NW/4 Section 21-298-19W  
 Kiowa County, Kansas

Commenced: 8-27-65  
 Completed: 9-10-65  
 (Rotary)

## CONTRACTOR:

Graham-Michaelis Drilling, Inc.  
 Liberal Division  
 P. O. Box 1294  
 Liberal, Kansas

## CASING RECORD:

21 Joints 8-5/8" 21# Casing  
 Cemented w/350 sx Common 2% cc

LOG

Sand, Shale & Red Bed	0 - 588
Red Bed	588 - 640
Red Bed	640 - 1061
Red Bed & Shale	1061 - 1864
Shale	1864 - 2440
Lime & Shale	2440 - 3125
Lime	3125 - 3322
Lime & Shale	3322 - 4539
Lime	4539 - 4654
Lime & Shale	4654 - 4698
Lime	4698 - 4821
Lime & Shale	4821 - 4916
Lime	4916 - 5095
Lime & Shale	5095 - 5140

5140' - Total Rotary Depth

The undersigned, Graham-Michaelis Drilling, Inc., Liberal Division, certifies that the above log is a true and correct copy of the formations encountered in drilling the above mentioned well, as taken from the Daily Drilling Report.

GRAHAM-MICHAELIS DRILLING, INC.  
 LIBERAL DIVISION

By H. R. Michaelis  
 H. R. Michaelis

HRM/rw

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DEC 9 1983

CONSERVATION DIVISION  
 Wichita, Kansas