

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

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

API NUMBER 15-051-22,217-00-00

LEASE NAME Adams

WELL NUMBER 3-18

290 Ft. from S Section Line

1700 Ft. from E Section Line

SEC. 18 TWP. 13S RGE. 19W (E) or (W)

COUNTY Ellis

Date Well Completed 1/29/81

Plugging Commenced 7/7/94

Plugging Completed 7/7/94

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

LEASE OPERATOR Graham-Michaelis Corp.

ADDRESS P.O. Box 247, Wichita, KS 67201

PHONE# (316) 264-8394 OPERATORS LICENSE NO. 5134

Character of Well Oil

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

The plugging proposal was approved on June 24, 1994 (date)

by David Williams (KCC District Agent's Name).

Is ACO-1 filled? Well Log If not, is well log attached? yes

Producing Formation Lansing Depth to Top 3430' Bottom 3798' T.D. 3830'

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"	326'	0
				4-1/2"	3866'	0

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. L-K Wireline rigged up and perforated 1440' & 2125'. Maier Well Service ran tubing to 3846'.

Pumped 110 sx 60/40 posmix cement & 300# hulls. Pumped cement up to 1666'. Pulled tubing up to 1666' and pumped 80 sacks of 60/40 posmix, 10% gel & 300# hulls. Cement circulated. Pulled tubing out of hole. Plugged the annulus with 15 sacks cement. Pressured to 300#.

(If additional description is necessary, use BACK of this form.)  
KCC Agent, Marion Schmidt, gave his approval.

Name of Plugging Contractor Graham-Michaelis Corp. License No. 5134

Address P. O. Box 247, Wichita, KS 67201

NAME OF PARTY RESPONSIBLE FOR PLUGGING FEES: Graham-Michaelis Corp.

STATE OF Kansas COUNTY OF Sedgwick, ss.

Jack L. Yinger, Vice President

(Employee of Operator) or Operator Commission  
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 with the same are true and correct, so help me God.

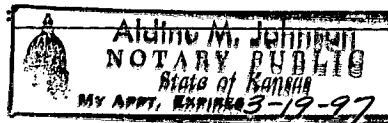
(Signature) Jack L. Yinger

(Address) P.O. Box 247, Wichita, KS 67201

SUBSCRIBED AND SWORN TO before me this 12th day of July, 19 94

Aldine M. Johnson  
Notary Public

My Commission Expires:



RECEIVED  
STATE CORPORATION COMMISSION  
7-13-94  
JUL 13 1994  
CONSERVATION DIVISION  
Wichita, Kansas

KANSAS

WELL COMPLETION REPORT AND DRILLER'S LOG

S. 18 T. 13S R. 19W E W

Loc. 290' FSL & 940' FWL SE/4

County Ellis

API No. 15 — 051 — 22,217-00-00  
County Number

Operator  
Graham-Michaelis Corporation

Address  
P. O. Box 247, Wichita, Kansas 67201

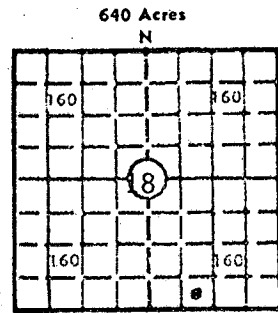
Well No. 3-18 Lease Name Adams

Footage Location  
290' feet from (BO) (S) line 940' feet from (JEX) (W) line SE/4

Principal Contractor Revlin Drilling Co. Geologist Charles B. Spradlin

Spud Date 12-26-80 Date Completed 1-7-81 Total Depth 3835 P.B.T.D. 3774

Directional Deviation Oil and/or Gas Purchaser Koch Oil Company



Locate well correctly  
Elev.: Gr. 2099

DF 2102 KB 2104

CASING RECORD

Report of all strings set — surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Socks	Type and percent additives
To protect fresh water	12 1/4"	8 5/8"	28#	326'	quick-set	210	
Production	7 7/8"	4 1/2"	10.5#	3866'		175	10% salt, 10 bbls salt flush.

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Socks cement	Shots per ft.	Size & type	Depth interval
					3412 - 3730 overall

TUBING RECORD

Size	Setting depth	Packer set at
2 3/8"	3446.60'	

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
8,100 28% mud acid	above perforations

INITIAL PRODUCTION

Date of first production 2-3-81	Producing method (flowing, pumping, gas lift, etc.) Pumping
RATE OF PRODUCTION PER 24 HOURS Oil 15 bbls. Gas MCF Water 72 bbls.	Producing interval (s) above perforations

RECEIVED  
STATE CORPORATION COMMISSION

JUN 24 1994

CONSERVATION DIVISION  
Wichita, Kansas  
CFPB

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 245 No. Water, Wichita, Kansas 67202. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator

Graham-Michaelis Corporation

15-051-22217-00-0

DESIGNATE TYPE OF COMP.: OIL, GAS,  
DRY HOLE, SWDW, ETC.:

Well No.

3-18

Lease Name

Adams

OIL

S 18 T 13S R 19W E  
W

## WELL LOG

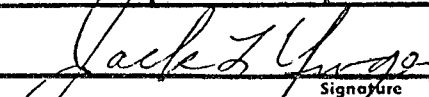
Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN,  
OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Top soil and shale	0	336	Electric Log Tops:	
Shale	336	460	Heebner	3386 (-1282)
Shale	460	1427	Lansing	3430 (-1326)
Anhydrite	1427	1476	B/Kansas City	3680 (-1576)
Shale	1476	2490	Arbuckle	3798 (-1694)
Shale w/ Lime	2490	3425	TD	3830 (-1726)
Lime	3425	3804		
Total Depth	3835			
DST #1 3390-3425, 30, 45, 30, 45. Weak blow throughout. Rec. 10' drilling mud, no show of oil.				
DST #2 3438-3475, 30, 45, 60, 90. 1st open, weak blow throughout. 2nd open, weak blow throughout. Rec. 45' drilling mud, 120' oil cut mud, 120' slightly oil cut mud. IFP 175-175. FFP 186-197. ISIP 569. FSIP 525.				
DST #3 3591-3635, 30, 45, 30, 45. Rec. 20' mud with spots of oil. IFP 43-54. FFP 54-54. ISIP 1174. FSIP 1142.				
DST #4 3710-50, 30, 45, 60, 90. Rec. 65' slightly oil cut muddy water. IFP 65-76. FFP 76-76. ISIP 1088. FSIP 1088.				

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received

  
 Signature  
 Jack L. Yinger, Vice President  
 Title  
 March 16, 1981  
 Date

RECEIVED  
 STATE CONSERVATION COMMISSION  
 JUN 24 1994  
 CONSERVATION DIVISION  
 Wichita, Kansas