

KANSAS

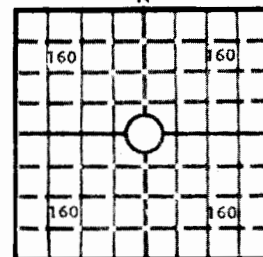
ELECTRIC LOG

WELL COMPLETION REPORT AND  
DRILLER'S LOGAPI No. 15 — 141 — 20,118 *State Geological Survey*  
County Number WICHITA BRANCH

S. 36 T. 8S R. 15 W

Loc. C SW NW

County OSBORNE

640 Acres  
N

Locate well correctly

Elev.: Gr. 1883

DF. 1885 KB. 1888

Operator MIDCO EXPLORATION INC.			
Address 411 FARMERS & BANKERS BLDG, WICHITA, KS			
Well No. 1	Lease Name KELLING		
Footage Location 1980 feet from (N) line 660 feet from (W) line			
Principal Contractor ABERCROMBIE DRUG INC.		Geologist GREG CHENEY	
Spud Date 10-15-81	Date Completed 10-23-81	Total Depth 3875 RTD	P.B.T.D.
Directional Deviation		Oil and/or Gas Purchaser D&A	

## 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	Sacks	Type and percent additives
SURFACE	12 1/4	8 5/8	20#	245	COMMON	180	3% C.C. 2% Gel

## LINER RECORD

## PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval

## TUBING RECORD

Size	Setting depth	Packer set at

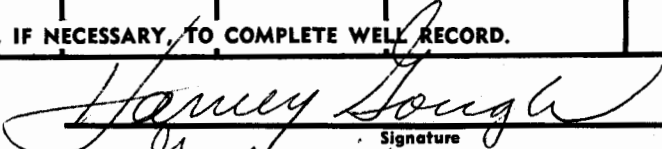
## ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

## INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
RATE OF PRODUCTION PER 24 HOURS	Oil bbls.	Gas MCF	Water bbls.	Gas-oil ratio	CFPB
Disposition of gas (vented, used on lease or sold)			Producing interval (s)		

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 MIDCO EXPLORATION INC.		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:		
Well No. #1	Lease Name KOELLING	D&A		
S <u>36</u> T <u>85</u> R <u>15</u> W				
<b>WELL LOG</b>		SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.		
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.				
FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
SAND & SHALE	0	247	E-LOG TOPS	
SHALE & SAND	247	1732		
SHALE	1732	2115	TARKIO	2686
SHALE & LIME STREAKS	2115	2280	TOPEKA	2845
SHALE & LIME	2280	3019	HEEBNER	3080
LIME	3019	3700	TORONTO	3099
CONGLOMERATE	3700	3875	LANSING	3124
RTD	3875		B/KC	3402
			MARMATON	3440
			CONGLOMERATE	3530
			VIOLA	3662
			SP - SH	3804
			ARBUCKLE	3852
			LTD	3876
DST #1 3314-3335 30-30-30-30 TOOL PLUGGED (MIS RUN)				
DST #2 3308-3335 30-45-60-45 Weak blow for 30" Rec. 15' Mud IFP 34-34# FFP 59-59# ISIP 1160# FSIP 1065#				
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.				
Date Received	<div style="text-align: right;">             Signature            Geologist            Title            11-10-1981            Date         </div>			