

**WELL COMPLETION REPORT AND  
DRILLER'S LOG**

**KANSAS**  
State Geological Survey  
WICHITA BRANCH  
JUL 8 0 REC'D

S. 34 T. 13 R. 20  $\frac{2}{4}$  W  
Loc. NW NE NE  
County Ellis

API No. 15 — 051 — 21,997  
County Number

Operator  
John B. Collins

Address  
1007 Cody, Suite A Hays, Kansas 67601

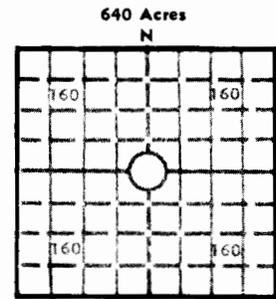
Well No. #4 Lease Name Storm

Footage Location  
330 feet from (N) line 990 feet from (E) line

Principal Contractor Dreiling Oil, Inc. Geologist Lawrence F. Gray

Spud Date 3-17-80 Date Completed 3-22-80 Total Depth 3844' P.B.T.D.

Directional Deviation Oil and/or Gas Purchaser



Locate well correctly  
Elev.: Gr. 2209  
DF 2211 KB 2214

**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 Pipe	12 1/4"	8 5/8"		172'	common	130	7 Units Quickset
Production	7 7/8"	4 1/2"		3835'	common	150	8% salt 4% gilsonite .1 of 1% GDL

**LINER RECORD**

**PERFORATION RECORD**

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

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.)				
<b>RATE OF PRODUCTION PER 24 HOURS</b>	Oil	Gas	Water	Gas-oil ratio	
	bbls.	MCF	bbls.	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 **John B. Collins** DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: **oil**

Well No. **#4** Lease Name **Storm**

S 34 T 13 R 20 <sup>W</sup>

**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
Post Rock	0'	56'		
Shale	56'	980'		
Sand	980'	1220'		
Red Bed	1220'	1447'		
Shale & Red Bed	1447'	1507'		
Anhydrite	1507'	1552'		
Shale & Lime	1552'	2230'		
Shale & Lime	2230'	2880'		
Shale	2880'	3150'		
Shale & Lime	3150'	3305'		
Lime	3305'	3844'		
T.D.	3844'	T.D.		

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

Date Received	<i>John B. Collins</i>
	Signature
	<i>Operator</i>
	Title
	<i>6-13-80</i>
	Date

