

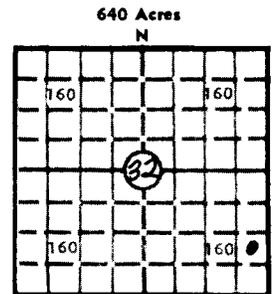
KANSAS

WELL COMPLETION REPORT AND DRILLER'S LOG

IMPORTANT  
Kans. Geo. Survey request  
samples on this well.

State Geological Survey  
WICHITA BRANCH

S. 32 T. 34S R. 12W E  
W  
Loc. NE SE SE  
County Barber



API No. 15 — 007 — 21,044  
County Number

640 Acres  
N  
Elev.: Gr. 1450  
DF KB 1463

Operator  
Beren Corporation

Address  
970 Fourth Financial Center, Wichita, Kansas 67202

Well No. 3 Lease Name STERLING

Footage Location  
feet from (N) (S) line feet from (E) (W) line

Principal Contractor BEREDCO, Inc. Geologist Steve Dixon

Spud Date 11/19/80 Date Completed 11/29/80 Total Depth 4875 P.B.T.D.

Directional Deviation Oil and/or Gas Purchaser

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		8-5/8	24#	403	60-40 pozmix	300	2% gel, 3% CC
Production		5 1/2	14#	4866	60-40 pozmix	250	2% gel, 10% salt, 10#/sx gil, 3/4 of 1% CFR-2

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.)

RATE OF PRODUCTION PER 24 HOURS	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

Beren Corporation

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

Well No. 3

Lease Name STERLING

Oil

S 32 T 34S R 12WE

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
Red bed and shale	0	162		
Red bed	162	410		
Red bed and shale	410	1282		
Lime and sahle	1282	4795		
Miss	4795	4875		
RTD	4875			

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

Date Received

*Don Beauchamp*  
 Signature  
 Don Beauchamp - Geologist  
 Title  
 April 1, 1981  
 Date

DRILLERS LOG

32-34-12W

STERLING #3  
NE SE SE  
Barber, Kansas

32-34-12W

State Geological Survey  
WICHITA, BRANCH

DUPLICATE

Company: BEREN CORPORATION

Contractor: BEREDCO INC.

Comm: 11/19/80

Comp.: 11/29/80

Casing: 8 5/8" 24# set at 403' with 300 sacks pozmix, 2% gel, 3% CC, 60-40  
5 1/2" 14# set at 4866' with 250 sacks pozmix, 2% gel, 10% salt, 10# per  
sack Gilsonite 3/4% CFR 2

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>
Red Bed & Shale	0	162
Red Bed	162	410
Red Bed & Shale	410	1282
Lime & Shale	1282	4795
Miss	4795	4875

JAN 7 1981  
CORRELATION DIVISION  
WICHITA, KANSAS

Rotary Total Depth - 4875'

STATE OF KANSAS

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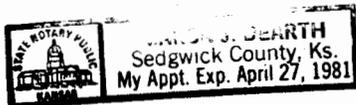
COUNTY OF SEDGWICK

I certify that this is a true and correct copy of the above log as shown by the drilling reports.

BEREDCO

*James D. Mearns*

Subscribed and sworn to before me this 8th day of December, 1980.



*Mark J. Deavitt*