

State Geological Survey

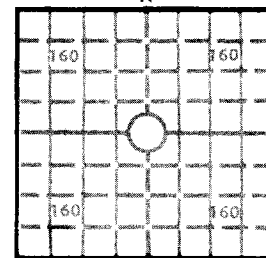
10 - 001 - 21470

WICHITA BRANCH KANSAS DRILLERS LOG

S. 22 T. 13R. 20W^E
 Loc. NW NW SW
 County Ellis

API No. 15 — 051 — 21490
 County Number

640 Acres
 N



Locate well correctly
 Elev.: Gr. 2228
 DF 2230 KB 2233

Operator
J.B. Collins

Address
Suite A 1007 Cody Hays, Ks. 67601

Well No. # 1 Lease Name Herman

Footage Location
330 feet from (N) ~~15X~~ line 330 feet from (E) ~~15W~~ line

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

Spud Date 5-20-78 Total Depth 3873 P.B.T.D.

Date Completed 5-26-78 Oil Purchaser CRA, Inc.

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		202	common	135	quick set
Production	7 7/8	5 1/2		3864	common	100	10% salt

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
2"	3858	

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, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. 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. 1 Lease Name Herman

S 22 T 13 R 20 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	0	25	Anhydrite	1553
Post Rock & Yellow Clay	25	105	Topeka	3244
Shale	105	950	Heebner Sh	3482
Shale & Sand	950	1553	Toronto ls.	3500
Anhydrite	1553	1596	Lansing KC	3522
Shale	1596	2083	Base KC	3772
Shale & Lime	2083	3530	Conglomerate	3812
Lime	3530	3873	Arbuckle	3858

Drill Stem Test #1 - 3861 to 3873

Tool Open 30 min - Pressures 55-55
 Final Flow 30 min - Pres 68-68
 Initial Shut-In 45 min - Pres 1160
 Final Shut-In 45 min - Pres 113
 Initial Hyd. - Pres 217
 Final Hud. - Pres 2156
 Very Weak Blow
 60" gassy h.o.c. mud

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

Date Received

John B. Collins
 Signature
 Operator
 Title
 June 29, 1978
 Date

REILING OIL, INC.

Victoria, Kansas 67671

J. B. Collins
1007 Cody - Suite A
Hays, KS 67601

WELL LOG

Company

Farm

Total Depth

Comm.

Contractor

Herman

No. 1

3,873'

5-20-78

Comp. 5-26-78

Drilling Oil, Inc.
Rt. #1
Victoria, KS 67671

Sec. 22 Twp. 13 Rng. 20

Location NW NW SW

County Ellis

Elevation: 2233 K. B.

2230 D. F.

2228 G. R.

Casing Record

202' - 8 5/8"
3,864' - 5 1/2"

Cement Record

135 sacks cement
cemented w/100 sacks
common, 10% Salt.

Production:

Figures Indicate Bottom of Formations

0'
25'
105'
950'
1553'
1596'
2083'
3530'
3873'

25'
105'
950'
1553'
1596'
2083'
3530'
3873'
T.D.

Top Soil
Post Rock & Yellow Clay
Shale
Shale & Sand
Anhydrite
Shale
Shale & Lime
Lime

STATE OF KANSAS)


)ss

COUNTY OF ELLIS)

I, Joseph A. Hess, Secretary Treasurer of Drilling Oil, Inc., upon oath states that the above and foregoing is a true and correct copy from the Daily Drilling Report from the Herman #1.


JOSEPH A. HESS

Subscribed and sworn to before me this 9th day of June 1978.


Cecilia Basgall Notary Public

My appointment expires: November 17, 1980.

CECILIA BASGALL
NOTARY PUBLIC
Ellis County, Kansas