State Geological Survey

KANSAS DRILLERS LOG, WICHITA, BRANCH

S. 24 T. 16 R. 21 E W

API No. 15 — 059 (County) — 20,185 (Number) 19410-KCC

Loc. NW NW NW

County Franklin

640 Acres N

80A

160 160 160 160

Locate well correctly

Elev.: Gr. _____

DF _____ KB _____

Operator: Elmer Englebarts % Elmer Sieg

Address: 528 East Logan Ottawa, Kansas

Well No.: #E-2

Lease Name: Schendel

Footage Location: 330' feet from (N) ~~(S)~~ line; feet from ~~(E)~~ (W) line 1365'

Principal Contractor: L.O. Tenk, Ottawa, Kan.

Geologist:

Spud Date: 4-29-74

Total Depth: 740'

P.B.T.D.:

Date Completed: 5-10-74

Oil Purchaser: Town Oil Co. Paola, Ks

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	6 5/8	6 1/2		20	Circulated	10 Sacks	Portland
Production	~~6~~ 5/8	2 3/8	4#	630	Portland	70 sack	Circulated

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

TUBING RECORD

Size	Setting depth	Packer set at
2 3/8	630	Cemented

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval
2	½"	705 up to 670

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Fracture 80 sacks Sand - 120 bbl acid	705 up to 670

INITIAL PRODUCTION

Date of first production: June 15, 1974

Producing method (flowing, pumping, gas lift, etc.): flow

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	30 bbls bbls.	MCF	bbls.	CFPB

Disposition of gas (vented, used on lease or sold):

Producing interval(s): flow

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	DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Elmer Engelhardt – E+E Oil Co.	Oil
Well No. E2 **Lease Name** Schendel	
S 24 T 16 R 21 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
	0	6	Surface	
	85	104	lime	19
	104	187	Shale	87
	265	272	Sand	7
	340	362	lime	22
	373	379	K.C. lime	6
	384	479	Shale	105
	670	705	Sand-oil	35
	732	740	Shale	
	TD	740		

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

Date Received

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DEC 2 1974

E+E Oil Co.
Signature

Elmer Sieg, Operator on field
Title

11-24-74
Date

Company: E. Englebarts

Contractor: L. O. Tenk
Ottawa, Kansas

Completed: May 10, 1974

Total Depth: 740'

T+E Oil Co
518 E. Logan
Ottawa, Ks. 66067

Lease: Schendel

Well: E-2

Location: NW NW NW
Sec 24-16-21E
Miami County, Kansas

Thickness	Formation	Depth
4	Soil	4
2	Clay	6
7	Lime	13
4	Shale	17
13	Lime	30
8	Shale	38
19	Lime	57
29	Shale	86
18	Lime	104
83	Shale	187
21	Lime	208
6	Shale	214
9	Sand	223
1	Lime	224
15	Shale	239
8	Lime	247
11	Shale	258
4	Lime	262
3	Shale-sdy	265
7	Sand-slt odor	272
2	Lime	274
2	Shale	276
7	Lime	283
5	Shale	288
2	Lime	290
15	Shale	306
10	Lime	316
1	Shale	317
16	Lime	333
7	Shale	340
22	Lime	362
3	Shale	365
6	Lime	371
2	Shale	373
6	Lime	379
3	Shale	382
2	Lime	384
105	Shale	479
5	Lime	484
58	Shale	541
8	Lime	549
40	Shale	589
6	Lime	595
7	Shale	602
4	Lime	606
1	Shale	607
1	Coal	608
4	Shale	612
8	Lime	621
8	Shale	629
5	Lime	634
5	Shale	639
1	Lime	640
6	Shale	646
2	Lime	648
1	Shale	649
1	Lime	650
13	Shale	663
7	Shale-sdy	670
35	Sand-oil	705
15	Shale	720
12	Shale-sdy	732
8	Shale-dark	740

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Set 2 3/8"OD - 4.6# 10rd tubing @ 730'. Circulated cement.