

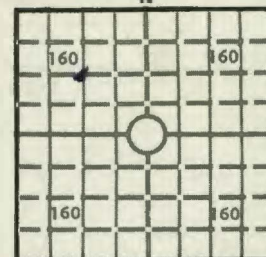
KANSAS DRILLERS LOG

State Geological Survey
WICHITA, BRANCHAPI No. 15 — 121 — 20,217
County Number

S. 23 T. 16 R. 21 E

Loc. C NW

County Miami

640 Acres
N

Locate well correctly

Elev.: Gr.

DF KB

Operator

Elmer C. Sieg

Address

518 East Logan Ottawa, Kansas

Well No.

#33

Lease Name

C. W. Henning - Henning-KCC

Footage Location

1260 FNL: 4680 FEL-KCC
1320 feet from (N) (S) line 1320 feet from (E) (W) line

Principal Contractor

L. O. Tenk

Geologist

Spud Date

5-21-74

Total Depth

701'

P.B.T.D.

Date Completed

5-30-74

Oil Purchaser

Joan Oil Co., Paola, Kans

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"	6 5/8"	11#	10'	Portland	5 sacks	
Production	5 1/2"	2 3/8"	4#	693	Portland	90	Circulate & top

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
100 Sacks sand - 140 bbl oil	664' to 672.5'

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
July 15		flow + Pump			
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	35	bbls.	MCF	bbls.	CFPB
Disposition of gas (vented, used on lease or sold)			Producing interval(s)		
—			continuous pumping		

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

Carolina Ollonais Ventures Inc.

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

Oil

Well No.

33

Lease Name

Henning

S 23 T 16 R 21 E

W

Miami County, Kans

WELL LOG

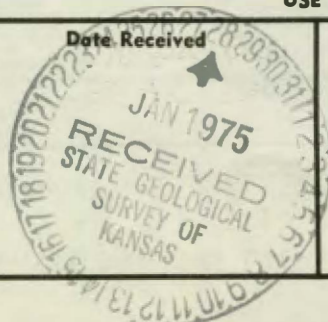
Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN,
OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Soil	0	9		
lime	9	18		
Shale	18	26		
lime	26	38		
Shale	38	46		
lime	46	64		
Shale	64	91		
lime	91	107		
Shale	107	193		
lime	193	215		
Shale	215	244		
lime	244	251		
Shale	251	311		
lime	311	336		
Shale	336	348		
lime	348	366		
Shale	366	370		
lime	370	384		
Shale	384	585		
lime	585	591		
Shale	591	620		
lime	620	623		
Shale	623	638		
lime	638	640		
Shale	640	664		
Oil Shale	664	666		
Sand-lime	666	675		
Sand-oil	675	686		
Sand Shale	686	701-T.D.		
Dark Shale				

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

Date Received



Carolina Ollonais Ventures Inc.

Signature

Edmund Sieg, employee

Title

10-26-74

Date

Company: Elmer Sieg

Lease: Henning

Contractor: L. O. Tenk

Well: #33

Completed: May 30, 1974

Location: NW $\frac{1}{4}$ Sec 23-16S- $\frac{3}{4}$ 1E
Miami County, Ks

Total Depth: 701'

Casing: 6 $\frac{1}{2}$ " @ 10'
2 3/8" 4.6# @ 693'

Thickness

Formation

Depth

8	Top soil	8
1	Gravel	9
10	Lime	18
7	Shale	26
12	Lime	38
8	Shale	46
18	Lime	64
27	Shale	91
16	Lime	107
86	Shale	193
22	Lime	215
11	Shale	226
3	Sand=Sho of oil	229
13	Shale	244
7	Lime	251
30	Shale	281
6	Lime	287
6	Shale	293
3	Li me	296
15	Shale	311
25	Lime	336
3	Shale	339
2	Slate	341
3	Shale	344
4	Lime-sandy	348
16	Lime	366
4	Shale	370
14	Lime	384
16	Shale-lime stks	400
90	Shale	490
3	Shale-lime stks	493
51	Shale	544
7	Lime	551
24	Shale	585
6	Lime	591
15	Shale	606
4	Lime	610
2	Slate	612
8	Shale	620
3	Lime	623
6	Shale	629
2	Lime	631
4	Shale	635
3	Shale	638
2	Lime	640
12	Shale	652
5	Lime	657
6	Shale-white	663
1	Shale-sandy	664
2	Sand-limey w/sho of	666
9	Sand-oil	675
11	Sand-shly	686
15	Shale	701

