

KANSAS DRILLERS LOG

S. 19 T. 16 R. 21 E W

API No. 15 — 059 — 20,584  
County Number

Loc. 320' SWL & 1890' EWL  
County Franklin NE NE NW  
640 Acres  
N  
KCC

Operator  
Town Bros. Oil Co.

Address  
R. R. #4 Paola, Kansas 66071

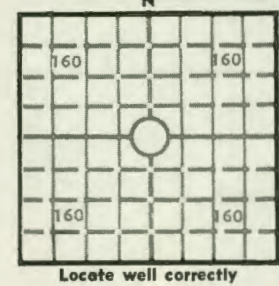
Well No. #4 Lease Name Brown

Footage Location 4955 FSL : 2965 FEL-KCC  
feet from (N) (S) line feet from (E) (W) line

Principal Contractor Geologist

Spud Date Total Depth 732 P.B.T.D.

Date Completed Oil Purchaser



Elev.: Gr. \_\_\_\_\_  
DF \_\_\_\_\_ KB \_\_\_\_\_

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

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, 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.:

Well No.

Lease Name

S \_\_\_\_\_ T \_\_\_\_\_ R \_\_\_\_\_ 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

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

Date Received

Signature

Title

Date

TOWN OIL CO.  
"Purchaser of Crude Oil"

19-16-21E

Route 4  
Paola, Kansas 66071

913-294-2854  
913-294-4232

Well No. 4  
Farm: Brown  
Franklin County, Kansas  
Section 19, Township 16, Range 21

WELL LOG

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total Depth</u>
13	soil & clay	13
12	lime	25
4	shale	29
17	lime	50
3	shale	53
13	lime	66
2	shale	68
3	lime	71
16	shale	87
2	lime	89
29	shale	118
35	lime	153
13	shale	166
5	sand	171
37	shale	208
24	lime	232
14	shale	256
6	lime	262
16	shale	278
3	lime	281
7	shale	288
10	lime	298
8	shale	306
3	lime	309
12	shale	322
27	lime	349
5	shale & slate	354
22	lime	376
6	shale & slate	382
2	lime	384
3	shale & slate	387
7	lime	394
5	shale	399
2	lime	401
41	shale	442
10	sand	452
12	sandy shale	464
39	shale	503
2	lime	505
5	sand	510
25	shale	535
4	slate	539
10	lime	549

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WELL LOG (Con't)

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total Depth</u>
6	shale	555
9	lime	564
5	shale & slate	569
9	lime	578
9	shale & slate	587
5	lime	592
17	shale & slate	609
3	lime	612
10	shale & slate	622
8	lime	630
5	shale	635
4	lime	639
4	shale & slate	643
5	lime	648
7	shale	655
3	sand	658
3	broken sand	661
9	sand	670
29	sandy shale	699
2	slate	701
1	lime	702
5	shale	707
1	lime	708
2	slate	710
2	sand	712
3	sand	715
10	shale	725
2	sand	727
5	shale	732
	Total Depth	<u>732</u>