

Operator Name Town oil Co. Lease Name..... North Fiehler Well #..... 4

Sec..... 5 Twp..... 16 Rge..... 21 East West County..... Franklin

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

Name Top Bottom

See attached copy of log

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (in O.D.)	Weight Lbs/Ft.	Setting Depth	Type of Cement	#Sacks Used	Type and Percent Additives
Surface.....	9.....	6 1/2.....	.....	20.....	Portland	3.....	.....
Completion.....	5 1/4.....	2.....	.....	678.....	Portland	116.....	2% gel.....
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
N/A.....	.....			N/A.....		.....
TUBING RECORD				Size	Set At	Packer at	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First Production	Producing Method						
N/A	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....						
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease Dually Completed
 Commingled

TOWN OIL COMPANY

5-16-212

Route 4
Paola, Kansas 66071

"Drilling and Production"

913-294-2125

Well #4
Farm: North Fiehler
Franklin County, KS.
Lease Owner: Town Oil Co.

WELL LOG

Thickness of Strata	Formation	Total Depth
0-30	Soil & clay	30
4	Lime	34
3	Shale	37
18	Lime	55
7	Shale	62
10	Lime	72
5	Shale & shells	77
17	Lime	94
6	Shale	100
5	Shale & shells	105
27	Shale	132
18	Lime	150
15	Sand	165
64	Sandy shale	229
23	Lime	252
4	Shale	256
2	Sandy lime	258
9	Sand	267
11	Shale	278
7	Lime	285
17	Shale	302
5	Red bed	307
5	SLime	312
16	Shale	328
2	Lime	330
11	Shale	341
25	Lime	366
6	Shale & slate	373
23	Lime	396
3	Shale & slate	399
5	Lime	404
2	Shale	406
6	Lime	412
3	Shale	415
5	Lime shells	420
6	Sand	426
31	Shale	457
5	Sand	462
69	Shale	531
14	Sand	545
33	Shale	578
8	Lime	586
5	Shale	591
11	Lime	602
4	Coal	606
4	Shale	610

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APR 10 1989

CONSERVATION DIVISION
Wichita, Kansas

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

Hertha

5-16-218

Well #4
Farm: North Fiehler
Franklin County, KS.
Lease Owner: Town Oil Co.

WELL LOG (cont'd)

Thickness of Strata	Formation	Total Depth
6	Lime	616
2	Sand	618
12	Shale	630
4	Lime	634
2±	Coal	636
2	Shale	638
1	Lime	639
6	Sand	645
2	Lime	647
2	Shale & shells	649
1	Lime	650
3	Shale & shells	653
13	Shale	666
2	Lime	668
1	Slate	669
5	Shale & shells	674
11	Sand	685
8	Sand	693
2	Shale	695 TD

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CONSERVATION DIVISION
Wichita, Kansas