

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

APT NO. 15- 15-003-24025

County Anderson

SW NE NW Sec. 11 Twp. 20 Rge. 20

4110 Feet from SW (circle one) Line of Section

3490 Feet from EW (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name Poss Well # HW-14

Field Name Garnett shoestring

Producing Formation _____

Elevation: Ground _____ KB _____

Total Depth 670 PBSD _____

Amount of Surface Pipe Set and Cemented at 20 Ft.

Multiple Stage Cementing Collar Used? _____ Yes _____

If yes, show depth set _____ Ft.

If Alternate II completion, cement circulated from 20

feet depth to 0 w/ 3 ex c

Drilling Fluid Management Plan DFA, 4-15-98 uc.
(Data must be collected from the Reserve Pit)

Chloride content approx 1500-3000 spm Fluid Volume 80 bl

Dewatering method used used on lease

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ Rng. _____ E/A _____

County _____ Docket No. _____

Operator: License # 6142

Name: Town oil Co.

Address 16205 W. 287

Paola, KS. 66071

City/State/Zip _____

Purchaser: _____

Operator Contact Person: Lester Town

Phone (913) 294-2125

Contractor: Name: Company Tools

License: _____

Wellsite Geologist: _____

Complete Type of Completion

New Well Re-Entry Workover

Oil SWD S10W Temp. Abd.

Gas Y ENHR SIGW

Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD

Plug Back PBSD

Commingled _____ Docket No. _____

Dual Completion _____ Docket No. _____

Other (SWD or Inj?) _____ Docket No. _____

-8-97 8-13-97 8-13-97

Spud Date _____ Date Reached TD _____ Completion Date _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado
Corporation Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well
rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of
12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12
months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS
MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied
with and the statements herein are complete and correct to the best of my knowledge.

Signature Lester Town

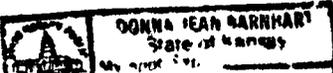
Title Partner Date 10-10-97

Subscribed and sworn to before me this 10 day of October

Notary Public Donna Jean Barnhart

Date Commission Expires 4-22-2001

K.C.C. OFFICE USE ONLY		
F	<input type="checkbox"/>	Letter of Confidentiality Attached
C	<input type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug
<input type="checkbox"/>		<input checked="" type="checkbox"/> NGPA
		<input type="checkbox"/> Other
		(Specify)



Operator Name Town Oil Co.

Lease Name Poss

Well # HW-14

Sec. 11 Twp. 20 Rge. 20

East

County Anderson

West

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests, 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
(Attach Additional Sheets.)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
(Submit Copy.)

List All E.Logs Run:

Log Formation (Top), Depth and Datum Sample
Name Top Datum

See attached copy of log

CASING RECORD

New 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 1/4		20	Portland	3	

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj. D&A Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gr
	<u>N-A</u>				

Disposition of Gas: Vented Sold Used on Lease
(If vented, submit ACO-18.)

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify)

Production Interval

ORIGINAL

15-003-24025

Well #HW-14
 Farm: Poss
 Anderson County, KS
 Lease Owner: Town Oil Co.

WELL LOG

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total Depth</u>
22	Soil & clay	22
1	Gravel	23
38	Shale	61
27	Lime	88
4	Shale	92
2	Lime	94
10	Shale	104
6	Lime shells	110
51	Shale	161
10	Lime	171
8	Shale	179
29	Lime	208
3	Shale	211
1	Lime	212
8	Shale & slate	220
20	Lime	240
5	Shale & slate	245
3	Lime	248
3	Shale	251
19	Lime	270
34	Shale	304
5	Sand	309
81	Shale	390
7	Sand	397
33	Shale	430
2	Lime	432
14	Shale	446
19	Lime	465
35	Shale	500
3	Slate	503
4	Shale	507
8	Sandy shale	515
8	Shale	523
3	Lime	526
3	Slate	529
25	Shale	554
24	Lime	578
8	Shale & slate	586
6	Lime	592
4	Shale	596
1	Slate	597
30	Shale	627
2	Sandy shale	629
8	Shale	638
7	Sand/broke	645

HERTHA
 OIL & GAS CO.
 1111 N. D. ST.

Hertha

11-20-20E
Poss HW-14

ORIGINAL

6
2
5
2

Shale
Sand
Broken
Shale

651
653
658
670 TD

RECEIVED
11/20/43
117 107 14 2 11 43