

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

**ORIGINAL**

Form ACO-1  
September 1999  
Form Must Be Typed

**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Operator: License # 3074  
Name: Robert S. Harwell, Inc.  
Address: 2809 NW Expressway #490  
City/State/Zip: Oklahoma City, OK 73112  
Purchaser: C.M.T.  
Operator Contact Person: Robert S. Harwell  
Phone: ( 405. ) 842-4088  
Contractor: Name: Town Oil  
License: 6142  
Wellsite Geologist: none  
Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SLOW  Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)  
If Workover/Re-entry: Old Well Info as follows: **CONSERVATION DIVISION WICHITA, KS**  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening  Re-perf.  Conv. to Enhr./SWD  
 Plug Back  Plug Back Total Depth  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?)  Docket No. \_\_\_\_\_  
11/5/07 11/7/07 11/7/07  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

**RECEIVED**  
**KANSAS CORPORATION COMMISSION**  
**JAN 16 2008**

API No. 15 - 15 059 25231-60-00  
County: Franklin  
S/2 SW - SW Sec. 8 Twp. 16 S. R. 21  East  West  
220 feet from (S) N (circle one) Line of Section  
4620 feet from (E) W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE (SE) NW SW  
Lease Name: Shoemaker Well #: 17  
Field Name: Paola-Rantoul  
Producing Formation: Squirrel  
Elevation: Ground: n/a Kelly Bushing: n/a  
Total Depth: 702 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 20 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.  
ATZ-Dig-1/26/09

**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit)  
Chloride content n/a ppm Fluid volume n/a bbls  
Dewatering method used \_\_\_\_\_  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 of 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.

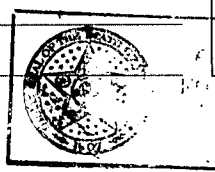
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: [Signature]  
Title: President Date: 1/10/08  
Subscribed and sworn to before me this \_\_\_\_\_ day of January,  
20 08.  
Notary Public: Christy Lykes  
Date Commission Expires: 12/17/09  
#01020368

**KCC Office Use ONLY**

N Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

**LYKES**  
PUBLIC OKLAHOMA  
SSION #01020368  
ES DEC. 17, 2009  
HOMA COUNTY



Operator Name: Robert S. Harwell, Inc. Lease Name: Shoemaker Well #: 17  
 Sec. 8 Twp. 16 S. R. 21  East  West County: Franklin

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run:  <p style="text-align: center;">waiting on log to be run</p>	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample  <table style="width:100%; border: none;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Base of Hertha</td> <td></td> <td>392</td> </tr> <tr> <td>Squirrel Sand</td> <td></td> <td>651-659</td> </tr> <tr> <td>TD</td> <td></td> <td>702</td> </tr> </table>	Name	Top	Datum	Base of Hertha		392	Squirrel Sand		651-659	TD		702
Name	Top	Datum											
Base of Hertha		392											
Squirrel Sand		651-659											
TD		702											

CASING RECORD <input type="checkbox"/> New <input checked="" 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	6 7/8	6 1/4		20 ft.	portland	6	
production	5 5/8	2 7/8		678	50/50 poz	98 sacks	

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 <i>(Amount and Kind of Material Used)</i>	Depth
2	will eventually perforate 650-658	will spot acid on perfs and breakdown with 500 gallons of acid	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Injection well - waiting on KCC approval for injection</b>				
Date of First, Resumerd Production, SWD or Enhr.		Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	_____

# TOWN OIL COMPANY, INC.

"Drilling and Production"

16205 W 287th Street  
Paola, Kansas 66071

Fax# 913-294-4823

PHONE: 913-557-5482  
913-294-2125

WELL: SHOEMAKER #17

LEASE OWNER: ROBERT S. HARWELL, INC.

## WELL LOG

Thickness of Strata	Formation	Total Depth
0-15	soil/clay	15
26	lime	41
7	shale	48
10	lime	58
5	shale	63
16	lime	79
43	shale	122
30	lime w/fossils	152
60	shale	212
22	lime	234
26	sandy shale	260
6	lime	266
21	shale	287
7	lime	294
8	shale	302
4	lime	306
16	shale	322
22	lime	344
2	shale	346
1	slate	347
5	shale	352
24	lime	376
3	slate	379
4	lime	383
3	shale	386
6	lime	392
110	shale	502
2	sandy lime	504
14	sandy shale	518
21	shale	539
2	slate	541
5	shale	546
3	lime	549
8	shale/shells	557
7	lime	564
9	shale	573
8	lime/shells	581
3	shale	584
4	coal	588
1	shale	589
7	lime	596
12	shale	608

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WICHITA, KS

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## WELL LOG CON'T

3	lime	611
6	shale	617
11	lime	628
10	shale	638
2	slate	640
2	shale	642
2	lime	644
3	shale	647
4	sandy shale	651
5	sand	656
3	sand/broken	659
1	sandy shale	660
42	shale	702 TD

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JAN 16 2008

CONSERVATION DIVISION  
WICHITA, KS

CONSOLIDATED OIL WELL SERVICES, INC.

P.O: BOX 884, CHANUTE, KS 66720

620-431-9210 OR 800-467-8676

TICKET NUMBER 15747

LOCATION Ottawa

FOREMAN Alan Mader

TREATMENT REPORT & FIELD TICKET  
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11-7-01	3776	Shoemaker #17	8	16	21	FR

CUSTOMER  
Bob Harwell

MAILING ADDRESS  
2809 NW Expressway Ste 490

CITY STATE ZIP CODE  
OKlahoma City OK 73112

TRUCK #	DRIVER	TRUCK #	DRIVER
516	Alan M		
368	Bill Z		
503	Leary A		

JOB TYPE lang string HOLE SIZE 5 3/8 HOLE DEPTH 702 CASING SIZE & WEIGHT 2 7/8

CASING DEPTH 678 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_

SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING \_\_\_\_\_

DISPLACEMENT 4 bbl DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Established rate + loaded hole from pit. Mixed + pumped 200 # gel to flush hole followed by 98 5x 50150 poz, 2% gel. Circulated cement to surface. Flashed pump. Pumped plus to casing TD. Well held 800 PSI for 30 min. MIT. Closed valve.

Rig supplied water

Alan Mader

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	368	840.00
5406	15	MILEAGE	368	49.50
5402	678'	Casing footage	368	—
5407	min	ten miles	50.3	285.00
1118B	365 #	gel		54.75
1124	96 5x	50150 poz		849.60
4402	1	2 1/2 plus		20.00
				2098.85

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WICHITA, KS

6.8% SALES TAX 62.85  
ESTIMATED TOTAL 2161.70

AUTHORIZATION \_\_\_\_\_

TITLE W# 218124

DATE \_\_\_\_\_