

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

**COPY RECEIVED**

Form ACO-1  
September 1999  
Form Must Be Typed

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

JAN 02 2003

Operator: License # 3074  
Name: Robert S. Harwell, Inc.  
Address: 2801 NW Expressway #132  
City/State/Zip: Oklahoma City, OK 73112  
Purchaser: Crude Marketing  
Operator Contact Person: Robert S. Harwell  
Phone: (405) 842-4088  
Contractor: Name: Kimzey drilling  
License: 33030  
Well Geologist: none  
Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SLOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)  
If Workover/Re-entry: Old Well Info as follows:  
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. E-28,117  
12/16/02 12/18/02 Waiting on KCC  
Spud Date or Re-completion Date Date Reached TD Completion Date or Re-completion Date  
Approval

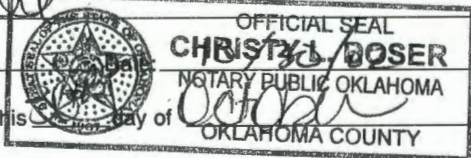
API No. 15 - 059-24,928  
County: Franklin  
SW-SE-NW-NE-SE-SW Sec. 8 Twp. 16 S. R. 21  East  West  
880 888 feet from  N (circle one) Line of Section  
3480 3579 feet from  W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE  SE NW SW  
Lease Name: Shoemaker Well #: 4A  
Field Name: Padla-Rantoul  
Producing Formation: Squirrel  
Elevation: Ground: n/a Kelly Bushing: n/a  
Total Depth: 716 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.

**Drilling Fluid Management Plan** See Well 2-12-03  
(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  
Subscribed and sworn to before me this 12 day of October, 2002  
Notary Public: [Signature]  
Date Commission Expires: 11/7/05 #01020304



**KCC Office Use ONLY**

NO Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_  
YES Wireline Log Received  
NO Geologist Report Received  
\_\_\_\_ UIC Distribution

COPY

Operator Name: Robert S. Harwell, Inc. Lease Name: Shoemaker Well #: 4A  
 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  Yes  No  
 (Attach Additional Sheets)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
 (Submit Copy)

Log E. Logs Run: gamma ray/neutron log  
cased hole log

Log Formation (Top), Depth and Datum  Sample  
 Name Top Datum  
Hertha 400  
Squirell Sand 654-662  
TD 716

REC'D  
 JAN 17 2003  
 C.W.I.

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	# Sacjs Used	Type and Percent Additives
surface	10 3/4	7"		20 ft.	portland	4	
production	5 5/8	2 3/8		700 ft.	portland/poz	116	

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				

Feet 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
2	660-670	spot acid on the perforations and breakdown formation with 250 gallons of acid	

INJECTION WELL-WAITING UPON KCC APPROVAL FOR INJECTION

TUBING RECORD	Size	Set At	Packer At	Liner Run
none				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method
<u>Waiting on KCC Approval</u>	<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  Vented  Sold  Used on Lease (If vented, Sumit ACO-18.)  
 METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  
 Production Interval  Other (Specify) \_\_\_\_\_

ORIGINAL

# Kimzey Drilling Co.

License #33030

Marvin Kimzey  
P.O. Box 131  
La Cygne, KS 66040

Start Date: 12/16/02  
End Date: 12/18/02

Bob Harwell Inc.  
2801 NW Expressway #132  
Oklahoma City, OK. 73112  
Shoemaker #4A API#15-059-24928-00-00

<u>Thickness of Strata</u>	<u>Strata Formation</u>	<u>Total Depth</u>
16	soil and clay	16
24	lime	40
7	shale	47
34	lime	81
40	shale	121
28	lime	149
62	shale	211
23	lime	234
24	shale	258
8	lime	265
22	shale	287
7	lime	295
28	shale	323
24	lime	347
7	shale	354
22	lime	376
4	shale	380
12	lime	392
115	shale	507
6	broken sand oil show	513
39	shale	552
8	lime	560
32	shale	592
6	lime	598
14	shale	612
4	lime	616
6	shale	622
10	lime	632
14	shale	646
2	lime	648
9	shale	657
2	broken sand	659
6	oil sand	665
5	broken sand	670
28	shale	698
1	lime	699
7	shale	706

Drilled 10 1/4ft. hole 20' set 20' of 7" surface w/4 sacks of cement.  
Drilled 5 5/8 hole to 716' and ran 714'70' of 2" pipe.

ORIGINAL

4  
6

sand dark odor  
shale

710  
716 T.D