

COPY

SIDE ONE

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

Operator: License # 3074Name: Robert S. Harwell, Inc.Address 2801 nW Expressway #132City/State/Zip Oklahoma City, OK 73112Purchaser: noneOperator Contact Person: Robert S. HarwellPhone (405) 842-4088Contractor: Name: Hawkeye DrillingLicense: 5335Wellsite Geologist: none

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover☐ Oil ☐ SWD ☐ SIOW ☐ Temp. Abd.☐ Gas ☐ ENHR ☐ SIGW☒ Dry ☐ Other (Core, WSW, Expl., Cathodic, etc.)

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 ☐ PSTD☐ Commingled ☐ Docket No. _____☐ Dual Completion ☐ Docket No. _____☐ Other (SWD or Inj?) Docket No. _____

10-12-92 10-14-92 10-15-92
Spud Date Date Reached TD Completion Date

API NO. 15- 091-22,525County JohnsonSE - SE - SW - NW Sec. 1 Twp. 15 Rge. 23 XXE W3245 Feet from S/N (circle one) Line of Section4235 Feet from E/W (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)Lease Name Hatcher Well # 1Field Name WildcatProducing Formation SquirrelElevation: Ground n/a KB n/aTotal Depth 860 PSTD _____Amount of Surface Pipe Set and Cemented at 20 FeetMultiple Stage Cementing Collar Used? ☐ Yes ☐ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cm.

Drilling Fluid Management Plan 12-14-92 RD
(Data must be collected from the Reserve Pit)

**drilled with fresh water

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby 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 Robert S. HarwellTitle Operator Date 11-16-92Subscribed and sworn to before me this 16 day of November, 19 92.Notary Public Jeresa A. LongstreetDate Commission Expires July 10, 1995

K.C.C. OFFICE USE ONLY
F ☐ Letter of Confidentiality Attached
C ☐ Wireline Log Received
C ☐ Geologist Report Received

Distribution

☒ KCC ☐ SWD/Rep ☐ NGPA
☒ KGS ☐ Plug ☐ Other (Specify) JS

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STAMPED WITH LOG

SIDE TWO

Operator Name Robert S. Harwell, Inc. Lease Name Hatcher Well # 1
1 15 23 ☒ East County Johnson
☐ West

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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Bottom of Kansas City Lime	386	
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Squirrel Sand	735-747	
List All E.Logs Run:	none	TD	860	

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	6 5/8	6 1/4		20 feet	portland	6 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 (Amount and Kind of Material Used)	Depth

TUBING RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
of First, Resumed Production, SVD or Inj.	Producing Method	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
none-dry hole					
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas: ☐ Vented ☐ Sold ☐ Used on Lease ☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled

METHOD OF COMPLETION

Production Interval

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561 Y

913-883-2013

API 15-091-22,525

1 2 3 4 5 6 7 8 9 10 11 12

Thickness	Formation	Total Depth	Remarks	Thickness	Formation	Total Depth	Remarks
7	CLAY	7					
16	Lime	23					
16	Shale	39					
11	Lime	50					
10	Shale	60					
16	Lime	76					
22	Shale	98					
3	Lime	101					
90	Shale	191					
4	Lime	195					
3	Shale	198					
25	Lime	223					
24	Shale	247					
21	Lime	268					
30	Shale	298					
7	Lime	305					
8	Shale	313					
26	Lime	339					
6	Shale	345					
20	Lime	365					
4	Shale	369					
17	Lime	386					
219	Shale	605					
2	Lime	607					
7	Shale	614					
2	Lime	616					
14	Shale	630					
4	Lime	634					
25	Shale	659					
4	Lime	663					
30	Shale	693					
2	Lime	695					
40	Shale	735					
12	Sand	747					
80	Shale	827					
1	Lime	828					
10	Gale	838					
22	Shale	860 TD					

Dry Hole

Dry

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_____ 10104
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