

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

June 2009

Form Must Be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # **5953**
Name: **A.R.&R. Ltd.**
Address 1: **6213 Sawgrass Place**
Address 2: _____
City: **Bartlesville** State: **OK** Zip: **74006**
Contact Person: **Andy Park**
Phone: (**620**) **252-5009**
CONTRACTOR: License # _____
Name: **McPherson Drilling**
Wellsite Geologist: **n/a**
Purchaser: **Pacer**

Designate Type of Completion:

- ☒ New Well ☐ Re-Entry ☐ Workover
- ☒ Oil ☐ WSW ☐ SWD ☐ SIOW
☐ Gas ☐ D&A ☐ ENHR ☐ SIGW
☐ OG ☐ GSW ☐ Temp. Abd.
☐ CM (Coal Bed Methane)
☐ Cathodic ☐ Other (Core, Expl., 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 ☐ Conv. to SWD
☐ Conv. to GSW
☐ Plug Back: _____ Plug Back Total Depth: _____
☐ Commingled Permit #: _____
☐ Dual Completion Permit #: _____
☐ SWD Permit #: _____
☐ ENHR Permit #: _____
☐ GSW Permit #: _____
8-20-12 **8-24-12** **8-29-12**
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - **125-32238-0000**
Spot Description: **nw ne ne nw** Sec. **20** Twp. **34** S. R. **14** ☒ East ☐ West
165 Feet from ☒ North / ☐ South Line of Section
2240 Feet from ☐ East / ☒ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☒ NW ☐ SE ☐ SW
County: **Montgomery**
Lease Name: **Powell** Well #: **18**
Field Name: **Wayside/Havana**
Producing Formation: **Bartlesville**
Elevation: Ground: **806** Kelly Bushing: _____
Total Depth: **1335** Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: **21** Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☒ No
If yes, show depth set: _____ Feet
If Alternate II completion, cement circulated from: **1320**
feet depth to: **surface** w/ **160** sx cmt.

Drilling Fluid Management Plan

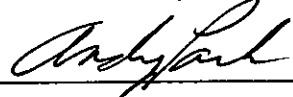
(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls
Dewatering method used: _____
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License #: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ ☐ East ☐ West
County: _____ Permit #: _____


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.

AFFIDAVIT

I am the affiant and I hereby certify that 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: 
Title: **President** Date: **2-13-13**

KCC Office Use ONLY

- ☐ Letter of Confidentiality Received
Date: _____
☐ Confidential Release Date: _____
☒ Wireline Log Received
☐ Geologist Report Received
☐ UIC Distribution
☐ I ☒ II ☐ III Approved by:  Date: **3/7/13**

RECEIVED
FEB 19 2013

KCC WICHITA

Operator Name: A.R.&R. Ltd. Lease Name: Powell Well #: 18
 Sec. 20 Twp. 34 S. R. 14 ☒ East ☐ West County: Montgomery

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 complete copy of all Electric Wire-line 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

Electric Log Submitted Electronically ☐ Yes ☒ No
 (If no, Submit Copy)

List All E. Logs Run:

☒ Log Formation (Top), Depth and Datum ☐ Sample

Name Top Datum
Oswego Lm 950
Bartlesville Sd 1256

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	12"	7"	new	21	portland	8	Portland
Production	6.125	2 7/8	used	1320	portland	160	portland

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
2	1257' to 1267'	frac sand 10,000 lbs.	1257

TUBING RECORD:	Size: <u>1" pipe</u>	Set At: <u>1260</u>	Packer At: <u>n/a</u>	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>9-10-12</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____			
Estimated Production Per 24 Hours	Oil <u>8</u> Bbls.	Gas <u>trace</u> Mcf	Water <u>0</u> Bbls.	Gas-Oil Ratio _____ Gravity <u>31.4</u>

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. (Submit ACO-5) <input type="checkbox"/> Commingled (Submit ACO-4) <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>1257 to 1267</u> RECEIVED
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8/25/2012



5220000433

CEMENT FIELD TICKET AND TREATMENT REPORT

Customer	Andy Parks	State, County	Montgomery, Kansas	Cement Type	CLASS A
Job Type	Long String	Section	20	Excess (%)	30
Customer Acct #		TWVP	34S	Density	13.8
Well No.	Powell 18	RGE	14E	Water Required	8.5
Mailing Address		Formation		Yield	1.75
City & State		Hole Size	8 1/8	Slurry Weight	
Zip Code		Hole Depth	1330	Slurry Volume	
Contact		Casing Size	2 7/8 INCH	Displacement	7.6
Email		Casing Depth	1320	Displacement PSI	600/1300
Cell	1-620-252-5009	Drill Pipe		MIX PSI	500
Dispatch Location	BARTLESVILLE	Tubing		Rate	5 bpm
Code	Cement Pump Charges and Mileage	Quantity	Unit	Price per Unit	
5401	CEMENT PUMP (2 HOUR MAX)	1	2 HRS MAX	\$1,030.00	\$ 1,030.00
5407	MIN. BULK DELIVERY (WITHIN 50 MILES)	1	PER LOAD	\$350.00	\$ 350.00
5406	EQUIPMENT MILEAGE (ONE-WAY)	30	PER MILE	\$4.00	\$ 120.00
0		0		\$0.00	\$ -
0		0		\$0.00	\$ -
0		0		\$0.00	\$ -
0		0		\$0.00	\$ -
0		0		\$0.00	\$ -
0		0		\$0.00	\$ -
0		0		\$0.00	\$ -
0		0		\$0.00	\$ -
5402	FOOTAGE	1,320	PER FOOT	0.22	\$ 290.40
				EQUIPMENT TOTAL	\$ 1,790.40
	Cement, Chemicals and Water				
1126A	THICK SET CEMENT (8LB OWC 4% GEL 2% CAL. CHLORIDE)	160	0	\$19.20	\$ 3,072.00
1107A	PHENOSEAL	40	0	\$1.29	\$ 51.60
1110A	KOL SEAL (50 # SK)	800	0	\$0.46	\$ 368.00
1118B	PREMIUM GELBENTONITE (50#)	150	0	\$0.21	\$ 31.50
1123	CITY WATER (PER 1000 GAL)	4.2	0	\$16.54	\$ 69.47
0		0		\$0.00	\$ -
0		0		\$0.00	\$ -
0		0		\$0.00	\$ -
0		0		\$0.00	\$ -
0		0		\$0.00	\$ -
0		0		\$0.00	\$ -
0		0		\$0.00	\$ -
				CHEMICAL TOTAL	\$ 3,592.57
	Water Transport				
5501	WATER TRANSPORT	3	WATER TRANSPORT	\$112.00	\$ 336.00
0		0		\$0.00	\$ -
0		0		\$0.00	\$ -
				TRANSPORT TOTAL	\$ 336.00
	Cement Floating Equipment (TAXABLE)				
0	Cement Basket		0	\$0.00	\$ -
0	Centralizer		0	\$0.00	\$ -
0			0	\$0.00	\$ -
0	Float Shoe		0	\$0.00	\$ -
0	Float Collars		0	\$0.00	\$ -
0	Guide Shoes		0	\$0.00	\$ -
0	Baffle and Flapper Plates		0	\$0.00	\$ -
0	Packer Shoes		0	\$0.00	\$ -
0	DV Tools		0	\$0.00	\$ -
0	Ball Valves, Swedges, Clamps, Misc.		0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0	Plugs and Ball Sealers		0	\$0.00	\$ -
4402	2 7/8" Rubber Plug	2	0	\$28.00	\$ 56.00
0	Downhole Tools		0	\$0.00	\$ -
				CEMENT FLOATING EQUIPMENT TOTAL	\$ 56.00
TRUCK#	DRIVER NAME			SUB TOTAL	\$ 5,774.97
656	Wade, John		6.30%	SALES TAX	\$ 229.88
418	Ness, James			TOTAL	\$ 6,004.83
538	McAfee, Shawn		10%	(-DISCOUNT)	\$ 600.48
415/190	Frank Bowman			DISCOUNTED TOTAL	\$ 5,404.35

AUTHORIZATION

DATE

8-25-12

TITLE

FOREMAN

I ACKNOWLEDGE THAT THE PAYMENT TERMS, UNLESS SPECIFICALLY AMENDED IN WRITING ON THE FRONT OF THE FORM OR IN THE CUSTOMER'S ACCOUNT RECORDS, AT OUR OFFICE, AND CONDITIONS OF SERVICE ON THE BACK OF THIS FORM ARE IN EFFECT FOR SERVICES IDENTIFIED ON THIS FORM.

RECEIVED

FEB 19 2013

KCC WICHITA