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KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Form ACO-1

June 2009

Form Must Be Typed

Form must be Signed

All blanks must be Filled

OPERATOR: License # 5953
 Name: A.R.&R. Ltd.
 Address 1: 6213 Sawgrass Pl
 Address 2: _____
 City: Bartlesville State: OK Zip: 74006
 Contact Person: Andy Park
 Phone: (620) 252-5009
 CONTRACTOR: License # 5675
 Name: McPherson Drilling
 Wellsite Geologist: n/a
 Purchaser: Pacer

API No. 15 - 125-32175-0000
 Spot Description: _____
SW se NW Sec. 20 Twp. 34 S. R. 14 East West
3248 Feet from North / South Line of Section
3350 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
 County: Montgomery
 Lease Name: Powell Well #: 16
 Field Name: havana/wayside
 Producing Formation: Bartlesville

Elevation: Ground: 860 Kelly Bushing: _____
 Total Depth: 1376 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: 1376
 feet depth to: surface w/ 180 sx cmt.

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 #: _____
3-25-12 3-30-12 4+3-12
 Spud Date or Date Reached TD Completion Date or Recompletion Date

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: Andy Park
 Title: President Date: 9-22-12

KCC Office Use ONLY

- Letter of Confidentiality Received
 Date: _____
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
 ALT I II III Approved by: DG Date: 10/16/12

Operator Name: A.R.&R. Ltd. Lease Name: Powell Well #: 16
 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 <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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Oswego</td> <td>1016</td> <td></td> </tr> <tr> <td>Bartlesville</td> <td>1314</td> <td></td> </tr> </table>	Name	Top	Datum	Oswego	1016		Bartlesville	1314	
Name	Top	Datum								
Oswego	1016									
Bartlesville	1314									

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CASING RECORD <input type="checkbox"/> New <input 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	12	7	new	21	Portland	8	Portland
production	6.125	2 7/8	used	1376	portland	180	portland

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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	1315.5 to 1330.5	sand frac 12,000 lbs	1330.5

TUBING RECORD: Size: 1" pipe Set At: 1300 Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. 4-18-12		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 Bbls. 8	Gas Mcf none	Water Bbls. 20
Gas-Oil Ratio		Gravity 31.4	

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: 1315.5 to 1330.5
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CEMENT FIELD TICKET AND TREATMENT REPORT

Customer	Andy Parks	State, County	Montgomery , Kansas	Cement Type	CLASS A
Customer Acct #	Longstring	Section	20	Excess (%)	30
Well No.	0	TWP	34s	Density	14.5
Mailing Address	Powell #16	RGE	14e	Water Required	0
City & State	0	Formation	0	Yeild	1.58
Zip Code	0	Hole Size	6 1/8	Slurry Weight	0
Contact	0	Hole Depth	0	Slurry Volume	0
Email	0	Casing Size	2 7/8INCH,	Displacement	0
Cell	0	Casing Depth	0	Displacement PSI	0
Office	0	Drill Pipe	0	MIX PSI	0
Dispatch Location	BARTLESVILLE	Tubing	2 7/8	Rate	0

REMARKS

Ran 3sks of gel established curculation. Ran 180 sks of chap. Mix. Shut down washed out pump and lines. Dropped two plugs.
 Got reprimed and displaced plugs to bottom plugs landed at 1550psi. Released back to 200psi and shut in.
 Cemant was curculated to surface.

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