

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

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 # 30458
Name: RJM Oil Company
Address 1: PO Box 256
Address 2:
City: Claflin State: KS Zip: 67525 + 0256
Contact Person: Chris Hoffman
Phone: (620) 786-8744
CONTRACTOR: License # 33905
Name: Royal Drilling, Inc.
Wellsite Geologist: Jim Musgrove
Purchaser: Coffeyville

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 #:

7-28-2011 8-3-2011 8-5-2011
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 009-25593-00-00

Spot Description:

NW SE NE SE Sec. 31 Twp. 17 S. R. 14 ☐ East ☒ West
1,800 Feet from ☐ North / ☒ South Line of Section
550 Feet from ☒ East / ☐ West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- ☒ NE ☐ NW ☐ SE ☐ SW

County: Barton

Lease Name: Hlavaty Well #: 2

Field Name: Hlavaty

Producing Formation: Arbuckle

Elevation: Ground: 1897' Kelly Bushing: 1902'

Total Depth: 3410 Plug Back Total Depth:

Amount of Surface Pipe Set and Cemented at: 900 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

(Data must be collected from the Reserve Pit)

Chloride content: 72000 ppm Fluid volume: 700 bbls

Dewatering method used: Allow to dry and backfill

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: Lawrence B. Miller

Title: President Date: 9-27-2011

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: DLG Date: 10/4/11

Operator Name: RJM Oil Company Lease Name: Hlavaty Well #: 2
 Sec. 31 Twp. 17 S. R. 14 ☐ East ☒ West County: Barton

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
Topeka	-951	KB
Lansing	-1257	KB
Arbuckle	-1500	KB

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 1/4	8 5/8	23#	900'	Common	350	3% cc 2% gel
Production	7 7/8	5 1/2	15.50	3407'	Common	180	10% salt 5% gilsonite

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
____ Perforate				
____ Protect Casing				
____ Plug Back TD				
____ 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:
		2 7/8"	3390		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR.		Producing Method:			
8-7-2011		<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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	80	0	0		36

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

QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 5260

Date	7/29/11	Sec.	31	Twp.	17	Range	14	County	Barton	State	KS	On Location		Finish	3:15PM
Lease	Hlgvaty		Well No.	#2		Location Hwy 281 + Hwy 4, 4 W, 3/4 S, W + N into									
Contractor	Royal Drilling Rig #1					Owner									
Type Job	Surface					To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.									
Hole Size	12 1/4"		T.D.	900'		Charge To									
Csg.	8 5/8" 23#		Depth	900'		RJM									
Tbg. Size			Depth			Street									
Tool			Depth			City State									
Cement Left in Csg.	40'		Shoe Joint	40'		The above was done to satisfaction and supervision of owner agent or contractor.									
Meas Line			Displace	55 Bbk.		Cement Amount Ordered 350 sk (6m 3% CC 2% gel)									

EQUIPMENT

Pumptrk	9	No.	Cement Helper	Paul	Common	350
Bulktrk	12	No.	Driver	David	Poz. Mix	
Bulktrk	PV	No.	Driver	Craig	Gel.	7

JOB SERVICES & REMARKS

Remarks:	Hulls
Rat Hole	Salt
Mouse Hole	Flowseal
Centralizers	Kol-Seal
Baskets	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38
Est. Circ.	Sand
Mix 350 sk	Handling 369
Displace	Mileage

FLOAT EQUIPMENT

Cement Circulated	Guide Shoe
	Centralizer 8 5/8
	Baskets
	AFU Inserts
	Float Shoe
	Latch Down
	Head + Manifold
	Baffle Plate + Rubber Plug
	Pumptrk Charge Long Surface
	Mileage 29

RECEIVED

SEP 30 2011

KCC WICHITA

X Signature

Paul

Tax
Discount
Total Charge

QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 5122

Date	8-3-11	Sec.	31	Twp.	17	Range	14	County	Barton	State	Ks	On Location		Finish	11:15 PM	
Lease	H/Avant		Well No.		B2		Location									281 + 4 Hwy Sct, 3ED to 20 Rd, 3/4
Contractor	Royal Rig #1							Owner								W/S
Type Job	production							To Quality Oilwell Cementing, Inc.								You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.
Hole Size	7 7/8"		T.D.		3410'		Charge To		RSM Company							
Csg.	5 1/2"		Depth		3404'		Street									
Tbg. Size			Depth				City		State							
Tool			Depth				City		State							
Cement Left in Csg.	20.18		Shoe Joint		20.18		The above was done to satisfaction and supervision of owner agent or contractor.									
Meas Line			Displace		80 BLS		Cement Amount Ordered									180 SX Common 10% Salt

EQUIPMENT

Pumptrk	1	No.	Cementor	Cisco	Common	180
Bulktrk	8	No.	Driver	Bong	Poz. Mix	
Driver		No.	Driver	Rick	Gel.	

JOB SERVICES & REMARKS

Remarks:		Calcium	
Rat Hole	30 SX	Hulls	
Mouse Hole	15 SX	Salt	15
Centralizers	1-9	Flowseal	
Baskets	2,6	Kol-Seal	900#
D/V or Port Collar		Mud CLR 48	500 gal
		CFL-117 or CD110 CAF 38	127#
		Sand	
		Handling	204
		Mileage	

FLOAT EQUIPMENT

		Guide Shoe	1
		Centralizer	9 - turbo's
		Baskets	2
		AFU Inserts	1 (5X)
		Float Shoe	
		Latch Down	
		1- Rotating Head Assy	
		1- Rubbers plug	
		Pumptrk Charge	prad Long String
		Mileage	29

RECEIVED

SEP 30 2011

KCC WICHITA

X Signature *Wing Budney*

Tax
Discount
Total Charge