

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

KCC WICHITA

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 # 5145
Name: Dreiling Oil, Inc.
Address 1: P.O. Box 550
Address 2: _____
City: Hays State: Ks. Zip: 67601 + 0550
Contact Person: Terry W. Piesker
Phone: (785) 625-8327
CONTRACTOR: License # 4958
Name: Mallard JV Inc.
Wellsite Geologist: Bill Ree
Purchaser: NCRA

Designate Type of Completion:

- New Well
- Re-Entry
- Workover
- Oil
- Gas
- OG
- CM (Coal Bed Methane)
- Cathodic
- WSW
- D&A
- Other (Core, Expl., etc.): _____
- SWD
- ENHR
- GSW
- SIOW
- SIGW
- Temp. Abd.

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 #: _____
9-17-10 9-24-10 10-09-10
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 141-20417-00-00
Spot Description: 40' East
W/2 W/2 SE Sec. 28 Twp. 8 S. R. 13 East West
1,320 Feet from North / South Line of Section
2,270 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Osborne
Lease Name: Potts Well #: 1
Field Name: _____
Producing Formation: Lansing-Kansas City
Elevation: Ground: 1710' Kelly Bushing: 1715'
Total Depth: 3780' Plug Back Total Depth: 3217'
Amount of Surface Pipe Set and Cemented at: 217 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 898 Feet
If Alternate II completion, cement circulated from: 898
feet depth to: Surface w/ 160 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 18,000 ppm Fluid volume: 300 bbls
Dewatering method used: Evaporation
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: Terry W. Piesker
Title: Explor. & Prod. Man. Date: 12-16-10

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: 12/22/10

Operator Name: Dreiling Oil, Inc. Lease Name: Potts Well #: 1
 Sec. 28 Twp. 8 S. R. 13 East West County: Osborne

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input 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: Dual Induction, Micro, and Compensated Neutron Density	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Anhydrite</td> <td>898'</td> <td>+817</td> </tr> <tr> <td>Topeka</td> <td>2667'</td> <td>-952</td> </tr> <tr> <td>Heebner</td> <td>2890'</td> <td>-1175</td> </tr> <tr> <td>Toronto</td> <td>2915'</td> <td>-1200</td> </tr> <tr> <td>Lansing-Kansas City</td> <td>2943'</td> <td>-1228</td> </tr> <tr> <td>Base of LKC</td> <td>3235'</td> <td>-1520</td> </tr> <tr> <td>Arbuckle</td> <td>3724'</td> <td>2009</td> </tr> </table>	Name	Top	Datum	Anhydrite	898'	+817	Topeka	2667'	-952	Heebner	2890'	-1175	Toronto	2915'	-1200	Lansing-Kansas City	2943'	-1228	Base of LKC	3235'	-1520	Arbuckle	3724'	2009
Name	Top	Datum																							
Anhydrite	898'	+817																							
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Base of LKC	3235'	-1520																							
Arbuckle	3724'	2009																							

CASING RECORD <input checked="" 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"	20#	217'	Common	150 sx.	2%Gel, 3% CC
Long String	7 7/8"	5 1/2"	14#	3237'	Common	155 sx.	10% Salt

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	898' to Sur.	Multi Density	160 sxs	1/4# flo-seal per sxs.

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
4/sh/ft	3048' to 3051'	250 gal. 15% Mud Acid	
4/sh/ft	2972' to 2976'	250 gal. 15% Mud Acid	

TUBING RECORD: Size: <u>2 3/8"</u> Set At: <u>3177'</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>10-26-10</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 Bbbs. <u>17</u>	Gas Mcf <u>34</u> Water Bbbs. _____ Gas-Oil Ratio _____ Gravity <u>37</u>

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) (Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>3048' to 3051' and 2972' to 2976'</u>
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QUALITY OILWELL CEMENTING INC.

83-2025
324-1041

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

No. 4528

Date <i>9-17-10</i>	Sec. <i>28</i>	Twp. <i>8</i>	Range <i>13</i>	County <i>Osborne</i>	State <i>Kansas</i>	On Location	Finish <i>7:00PM</i>
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Lease <i>Potts</i>	Well No. <i>1</i>	Location <i>Cover 4 1/2</i>
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Contractor <i>Mallard Drilling</i>	Owner
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Type Job <i>Surface</i>	To Quality Oilwell Cementing, Inc.
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Hole Size <i>12 1/4</i>	T.D. <i>217</i>	You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.
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Csg. <i>8 3/8 236</i>	Depth <i>217</i>	Charge To <i>Drilling Oil</i>
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Tbg. Size	Depth	Street
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Tool	Depth	City	State
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Cement Left in Csg. <i>10-15'</i>	Shoe Joint	The above was done to satisfaction and supervision of owner agent or contractor.
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Meas Line	Displace <i>13Bb1</i>	Cement Amount Ordered <i>150 Common Salt 2 1/2 gal</i>
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EQUIPMENT

Pumptrk <i>5</i> No.	Cementer <i>Steve</i>	Common
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Bulktrk <i>3</i> No.	Driver <i>Brandon</i>	Poz. Mix
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Bulktrk No.	Driver <i>Cisco</i>	Gel.
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JOB SERVICES & REMARKS

Remarks:	Calcium
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Rat Hole	Hulls
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Mouse Hole	Salt
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Centralizers	Flowseal
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Baskets	Kol-Seal
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D/V or Port Collar	Mud CLR 48
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	CFL-117 or CD110-CAF 38
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	Sand
--	------

	Handling
--	----------

	Mileage
--	---------

FLOAT EQUIPMENT

	Guide Shoe
--	------------

	Centralizer
--	-------------

	Baskets
--	---------

	AFU Inserts
--	-------------

	Float Shoe
--	------------

	Latch Down
--	------------

	<i>SWAGE</i>
--	--------------

	Pumptrk Charge
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	Mileage
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RECEIVED

DEC 20 2010

KCC WICHITA

Thank you

X Signature

Tax
Discount
Total Charge

Cell: 785-259-2757

Warehouse Location
Hays, Kansas

103-023-4531
Telephone Number
785-621-4232

QUALITY OILWELL CEMENTING, INC.

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

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

No. 4588

Date	10-8-10	Sec.	28	Twp.	8	Range	13	County	Osborne	State	Ks	On Location		Finish	1:00 PM	
Lease	Potts		Well No.	#1		Location Court, Ks - 4 1/2 N along main road										
Contractor	Express Well Service							Owner	N/Info							
Type Job	Port Collar							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	5 1/2"		T.D.	3780'												
Csg.	5 1/2"		Depth	3780'												
Tbg. Size	2"		Depth	898'												
Tool	Port Collar		Depth	898'												
Cement Left in Csg.			Shoe Joint													
Meas Line			Displace	2 1/2 BBLs												
			Cement Amount Ordered 200 sx QMDC													

EQUIPMENT

Pumptrk	9	No.	Cement	Neale	Common
Bulktrk	4	No.	Driver	Cisco	Poz. Mix
Bulktrk	4	No.	Driver	Rick	Gel.

JOB SERVICES & REMARKS

Remarks:	Calcium
Rat Hole	Hulls
Mouse Hole	Salt
Centralizers	Flowseal
Baskets	Koi-Seal
D/V or Port Collar	Mud CLR 48
	CFL-117 or CD110 CAF 38
	Sand
	Handling
	Mileage
	FLOAT EQUIPMENT
	Guide Shoe
	Centralizer
	Baskets
	AFU Inserts
	Float Shoe
	Latch Down

Loaded Hole, Found tool pressured to 500 to make sure closed, opened tool, make sure we had a blow mix cement until it circulated. Displaced with 2 1/2 BBLs of freshwater. Closed tool + pressured to 500#, Released + Ran 5 Hrs of tubing + Washed Clean, wash up + Digger down. Cement did Circulate.

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KCC WICHITA

	Pumptrk Charge	
	Mileage	
		Tax
		Discount
		Total Charge

X Signature *W. W. Presher*

QUALITY OILWELL CEMENTING, INC.

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

Home Office P.O. Box 32 Russell, KS 67069

No. 4258

Date	9.24.10	Sec.	Twp.	Range	County	State	On Location	Finish
Lease	Potts	Well No.	1		Location	Waldo 14 1/2 N		
Contractor	Mallard				Owner	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.		
Type Job	prod Long String				Hole Size	3780	T.D.	77rd
Csg.	5 1/2		Depth	3239		Charge To	Drilling Oil	
Tbg. Size			Depth			Street		
Tool	port collar		Depth	895		City	State	
Cement Left in Csg.	2140		Shoe Joint			The above was done to satisfaction and supervision of owner agent or contractor.		
Meas Line	14#		Displace	78 3/4 BBL		Cement Amount Ordered	200 com 10% salt	

EQUIPMENT

Pumptrk	9	No.	Cementer	Neale	500 gal mud Clean 48
			Helper		Common
Bulktrk	10	No.	Driver	Tason	Poz. Mix
			Driver		
Bulktrk	pu	No.	Driver	Dave	Gel.
			Driver		

JOB SERVICES & REMARKS

Remarks:	Hulls
Rat Hole	30 ik
Mouse Hole	15 ik
Centralizers	1, 3, 6, 8, 10, 55
Baskets	1, 56
D/V or Port Collar	JT 56 895'
	Run 77 JT
	Cir & pumped 500 gal mud flush mixed cement
	Cleaned liner Released plug Displaced w/ BBL
	Landed plug 21000 psi
	float held
	1 port collar
	Thanks

FLOAT EQUIPMENT

Guide Shoe	1
Centralizer	26
Baskets	2
AFU Inserts	1
Float Shoe	
Latch Down	

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KCC WICHITA

X Signature

Pumptrk Charge	
Mileage	
Tax	
Discount	
Total Charge	