

ORIGINAL

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 # 5145
Name: Dreiling Oil, Inc.
Address 1: P.O. Box 550
Address 2: _____
City: Hays State: Ks. Zip: 67601 + 0550
Contact Person: Terry W. Plesker
Phone: (785) 625-8327
CONTRACTOR: License # 31548
Name: Discovery Drilling Co., Inc
Wellsite Geologist: Roger Fisher
Purchaser: NCRA

API No. 15 - 051-26,149-00-00
Spot Description: 127' West
NE NE SW Sec. 16 Twp. 15 S. R. 18 East West
2,310 Feet from North / South Line of Section
2,183 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Ellis
Lease Name: Grabbe "A" Well #: 2
Field Name: Schoenchen

Producing Formation: Arbuckle
Elevation: Ground: 2048 Kelly Bushing: 2056
Total Depth: 3685 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 264 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 1222' Feet
If Alternate II completion, cement circulated from: 1222'
feet depth to: Surface w/ 305 sxs. _____ 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 #: _____

9/19/2011 9/25/2011 9/26/2011
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: 16,000 ppm Fluid volume: 320 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. Plesker
Title: Prod & Dev. Man. Date: 11-3-11

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: 11/14/11

Operator Name: Dreiling Oil, Inc. Lease Name: Grabbe "A" Well #: 2
 Sec. 16 Twp. 15 S. R. 18 East West County: Ellis

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 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: Micro, Dual Induction, Neutron/Density	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>Anhydrite</td> <td>1206'</td> <td>+849</td> </tr> <tr> <td>Topeka</td> <td>3002'</td> <td>-947</td> </tr> <tr> <td>Heebner</td> <td>3283'</td> <td>-1228</td> </tr> <tr> <td>Toronto</td> <td>3302'</td> <td>-1247</td> </tr> <tr> <td>Lansing-Kansas City</td> <td>3328'</td> <td>-1273</td> </tr> <tr> <td>Base L-KC</td> <td>3566'</td> <td>-1511</td> </tr> <tr> <td>Arbuckle</td> <td>3510'</td> <td>-1555</td> </tr> </tbody> </table>	Name	Top	Datum	Anhydrite	1206'	+849	Topeka	3002'	-947	Heebner	3283'	-1228	Toronto	3302'	-1247	Lansing-Kansas City	3328'	-1273	Base L-KC	3566'	-1511	Arbuckle	3510'	-1555
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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 Pipe	12 1/4"	8 5/8"	23#	264'	Common	150 sx.	2%Gel and 3% CC
Production String	7 7/8"	5 1/2"	14#	3681'	Common	150 sx.	10% Salt
		D. V. Tool @		1222'	60/40 Poz	305 sxs.	6% Gel w/1/4# FS

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
4	3612' to 3615'	Natural	

TUBING RECORD: Size: <u>2 3/8"</u> Set At: <u>3618'</u> Packer At: <u>-</u> Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No											
Date of First, Resumed Production, SWD or ENHR. <u>10/07/11</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	<table style="width:100%; border-collapse: collapse;"> <tr> <td>Oil Bbbs.</td> <td>Gas Mcf</td> <td>Water Bbbs.</td> <td>Gas-Oil Ratio</td> <td>Gravity</td> </tr> <tr> <td>50</td> <td></td> <td>1</td> <td></td> <td></td> </tr> </table>	Oil Bbbs.	Gas Mcf	Water Bbbs.	Gas-Oil Ratio	Gravity	50		1		
Oil Bbbs.	Gas Mcf	Water Bbbs.	Gas-Oil Ratio	Gravity							
50		1									

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>3612' to 3615'</u>
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QUALITY OILWELL CEMENTING, INC.

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

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

No. 5337

Date <u>9-19-11</u>	Sec. <u>16</u>	Twp. <u>15</u>	Range <u>18</u>	County <u>Fillis</u>	State <u>KS</u>	On Location	Finish <u>11/20/2011</u>
Lease <u>Grubbe A</u>	Well No. <u>2</u>			Location <u>HAYS ROCK 3/400 29/1170</u>			
Contractor <u>D. Scovery #4</u>				Owner			
Type Job <u>Surface</u>				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 <u>17 1/4</u>		T.D. <u>263</u>		Charge To <u>Dreling Oil</u>			
Csg. <u>8 3/8</u>		Depth <u>263</u>		Street			
Tbg. Size		Depth		City			
Tool		Depth		State			
Cement Left in Csg. <u>15</u>		Shoe Joint		The above was done to satisfaction and supervision of owner agent or contractor.			
Meas Line.		Displace <u>15' 2 3/4</u>		Cement Amount Ordered <u>150 Com 30% CC 20% Gal</u>			

EQUIPMENT

Pumptrk	9	No.	Cement Helper <u>Coag</u>	Common
Bulktrk		No.	Driver <u>Whatt</u>	Poz. Mix
Bulktrk	8	No.	Driver <u>Doug</u>	Gel.

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
<u>8 3/8 on bottom test completion</u>	Sand
<u>M. 15' SKY Displace</u>	Handling
<u>Cement Completion</u>	Mileage

FLOAT EQUIPMENT

Guide Shoe	
Centralizer	
Baskets	
Float Shoe	
Latch Down	

RECEIVED

NOV-04-2011

KCO WICHITA

<u>Mark</u>	Pumptrk Charge
	Mileage
	Tax
	Discount
	Total Charge
X Signature <u>[Signature]</u>	

QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025

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

No. 5313

Cell 785-324-1041

Date	9.26.11	Sec.	16	Twp.	15	Range	16	County	Ellis	State	KS	On Location		Finish	6:45 a.m.
Lease	Grackle	Well No.	A #2			Location						Hay's track 3/4w onto			
Contractor	Discovery #4 Bottom Surge						Owner						To Quality Oilwell Cementing, Inc.		
Type Job	D/V Job						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.		3695		Charge To						Dealing O.I.		
Csg.	5/2		Depth		3695		Street								
Tbg. Size			Depth				City						State		
Tool	DU Tool		Depth		1222		The above was done to satisfaction and supervision of owner agent or contractor.								
Cement Left in Csg.	4322		Shoe Joint		4322		Cement Amount Ordered						150 Com 10% Salt		
Meas Line			Displace		88 7/4 BL										

EQUIPMENT

Pumptrk	5	No.	Cement Helper	Paul	Common
Bulkt-k	10	No.	Driver	Paul	Poz. Mix
Bulkt-k		No.	Driver	Dean	Gel.

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

5/2 size 3695 Insert 3642
 For Circulation Pump 500gal Mud
 Clear Mix 150% Displace
 Displace 54 BL water
 27 BL Mud 7 BL water
 Plug Tanded 1200# Hard Release
 Pressure Dry

FLOAT EQUIPMENT

Guidé Shoe	5/2
Centralizer	DU Tool
Baskets	
AFU Inserts	AFU Float Shoe
Float Shoe	5 Centralizers
Latch Down	

Handwritten signature

Pumptrk Charge		Tax	
Mileage		Discount	
Signature		Total Charge	

X Signature *Perry W. Rieker*

RECEIVED
 NOV 04 2011
 KCC WICHITA

QUALITY OILWELL CEMENTING, INC.

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

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

No. 5344

Date	9-26-11	Sec.	16	Twp.	15	Range	18	County	Ellis	State	KS	On Location		Finish	8:30 a.m.
Lease	Carabbe	Well No.	A#2			Location Nays Made 3/4w into									
Contractor	Discovery #4 Top Stage							Owner							
Type Job	DU JOB							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.			3685								
Csg.	5 1/2			Depth			3695								
Tbg. Size				Depth			Charge To Drilling Oil								
Tool	DU Tool			Depth			1222								
Cement Left in Csg.				Shoe Joint			City State								
Meas Line				Displace			30 BCL								
							Cement Amount Ordered 350 60/40 60/60 14#F10								

EQUIPMENT

Pumptrk	5	No.	Cement Helper Craig	Common
Bulktrk		No.	Driver Paul	Poz. Mix
Bulktrk	13	No.	Driver Doug	Gel:

JOB SERVICES & REMARKS

Remarks:	Hulls
Rat Hole 303K	Salt
Mouse Hole 155K	Flowseal
Centralizers	Kol-Seal
Baskets	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38
Plug Rat hole + Mouse hole	Sand
Cement 5 1/2 Cement (circled)	Handling
Plug landed @ ps	Mileage
Release pressure and Duff	

RECEIVED
NOV 04 2011
KCC WICHITA

FLOAT EQUIPMENT

Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	
Pumptrk Charge	
Mileage	

Thanks

X Signature

Vernon W. Piesker

Tax	
Discount	
Total Charge	