

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

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil WSW SWD SLOW
 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 #: _____
3-1011 3-15-11 3-16-11
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 051-26,102-00-00
Spot Description: 220' N and 100' E
SE NE SE Sec. 25 Twp. 15 S. R. 18 East West
1,870 Feet from North / South Line of Section
230 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Ellis
Lease Name: Werth "B" Well #: 1
Field Name: Wheatland Southwest
Producing Formation: _____
Elevation: Ground: 1937 Kelly Bushing: 1945
Total Depth: 3600 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 1107 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: 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. Piesker
Title: Explor & Prod. Man. Date: 4-13-11

KCC Office Use ONLY
RECEIVED
Date: APR 19 2011
 Letter of Confidentiality Received
Date: _____
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: RA Date: 4/20/11
KCC WICHITA
Dlg

Operator Name: Dreiling Oil, Inc. Lease Name: Werth "B" Well #: 1
 Sec. 25 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>Topeka</td> <td>2908'</td> <td>-963</td> </tr> <tr> <td>Heebner</td> <td>3194'</td> <td>-1249</td> </tr> <tr> <td>Lansing-Kansas City</td> <td>3244'</td> <td>-1268</td> </tr> <tr> <td>Base L-KC</td> <td>3476'</td> <td>-1529</td> </tr> <tr> <td>Arbuckle</td> <td>3548'</td> <td>-1603</td> </tr> </tbody> </table>	Name	Top	Datum	Topeka	2908'	-963	Heebner	3194'	-1249	Lansing-Kansas City	3244'	-1268	Base L-KC	3476'	-1529	Arbuckle	3548'	-1603
Name	Top	Datum																	
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Base L-KC	3476'	-1529																	
Arbuckle	3548'	-1603																	

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#	1107'	Common	450 sx.	2% Gel, 3% CC

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

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR.		Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____		
Estimated Production Per 24 Hours	Oil Bbbs.	Gas Mcf	Water Bbbs.	Gas-Oil Ratio Gravity

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 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: _____ _____
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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. 4270

Date	3-11-11	Sec.	25	Twp.	15	Range	18	County	Ellis	State	Ks	On Location		Finish	10:30 PM
Lease	Worth B	Well No.	1		Location		Munjoy 63/4 S W into								
Contractor	Discovery 4				Owner		To Quality Oilwell Cementing, Inc.								
Type Job	Long Surface				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.		1107										
Csg.	838		Depth		1107		Charge To		Drilling Oil						
Tbg. Size			Depth				Street								
Tool			Depth				City				State				
Cement Left in Csg.	321		Shoe Joint		The above was done to satisfaction and supervision of owner agent or contractor.										
Meas Line	23#		Displace		68 3/4 BBL		Cement Amount Ordered 4.25 com 3% pcc 2% gel								
EQUIPMENT															
Pumptrk	5	No.	Cementer		JASON		Common		425						
Bulktrk	12	No.	Driver		BROWN F		Poz. Mix								
Bulktrk	ps	No.	Driver		Dave		Gel.		8						
JOB SERVICES & REMARKS															
Remarks:					Hulls										
Rat Hole					Salt										
Mouse Hole					Flowseal										
Centralizers	2, 13, 25				Kol-Seal										
Baskets	2, 13, 25				Mud CLR 48										
D/V or Port Collar					CFL-117 or CD110 CAF 38										
Cement Oil				Sand											
				Handling		448									
				Mileage											
FLOAT EQUIPMENT															
				Guide Shoe											
				Centralizer		3									
				Baskets		3									
				AFU Inserts		1 Baffle plate									
				Float Shoe											
				Latch Down											
												RECEIVED			
												APR 19 2011			
												KCC WICHITA			
												Tax			
												Discount			
												Total Charge			
X Signature <i>Michael [unclear]</i> 1078															

QUALITY OILWELL CEMENTING, INC.

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

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

No. 4516

Date	3/16/11	Sec.	25	Twp.	15	Range	18	County	Ellis	State	KS	On Location		Finish	4:00 AM
Lease	Worth "R"		Well No.	1		Location									
Contractor										Owner					
Discovery Drilling Rig #4										To Quality Oilwell Cementing, Inc.					
Type 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										Charge To					
7 7/8"										Drilling Oil Co.					
Csg.										Depth					
Tbg. Size										Street					
Tool										City					
Cement Left in Csg.										State					
Meas Line										Shoe Joint					
										Displace					
										The above was done to satisfaction and supervision of owner agent or contractor.					
										Cement Amount Ordered					
										200sx60/40 4% gel 1 qt per 50 lbs					

EQUIPMENT

Pumptrk	9	No.	Cement Helper	Paul	Common	120
Bulktrk	3	No.	Driver	Rocky	Poz. Mix	80
Bulktrk	PV	No.	Driver	Cory	Gel.	7

JOB SERVICES & REMARKS

Remarks:	Calcium
Rat Hole	Hulls
30sx	Salt
Mouse Hole	Flowseal
15sx	Kol-Seal
Centralizers	50 #
Baskets	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38
3527' - 25sx	Sand
1150' - 40sx	Handling
440' - 80sx	207
40' - 10sx	Mileage

FLOAT EQUIPMENT

RECEIVED

APR 19 2011

KCC WICHITA

Guide Shoe

Centralizer

Baskets

AFU Inserts

Float Shoe

Latch Down

2 5/8" Dry Hole Plug

Pumptrk Charge

Mileage

plug / 4

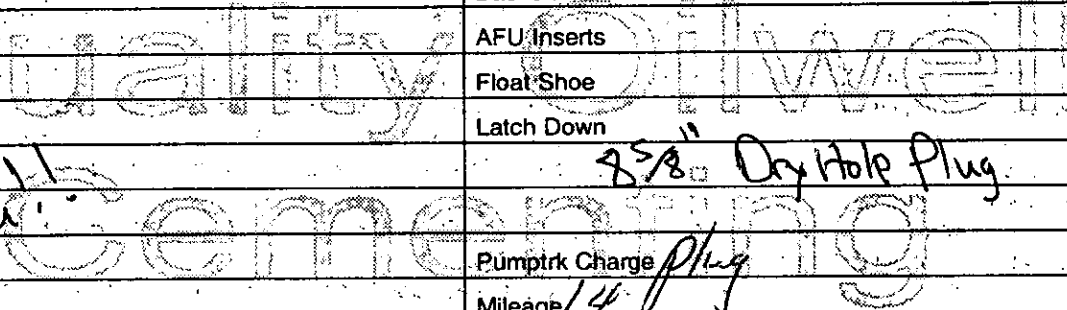
Tax

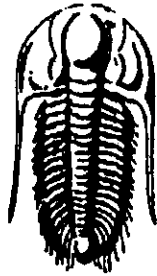
Discount

Total Charge

X Signature Michael D. [Signature]

Thank You!





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Dreiling Oil Inc**
P O Box 550
Hays KS 67601-0550

ATTN: Teery Piesker

25-15s-18w Ellis,KS

Werth B#1

Start Date: 2011.03.14 @ 17:30:12

End Date: 2011.03.14 @ 21:06:37

Job Ticket #: 41899 DST #: 1

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

RECEIVED
APR 19 2011
KCC WICHITA



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Drilling Oil Inc
P O Box 550
Hays KS 67601-0550
ATTN: Teery Plesker

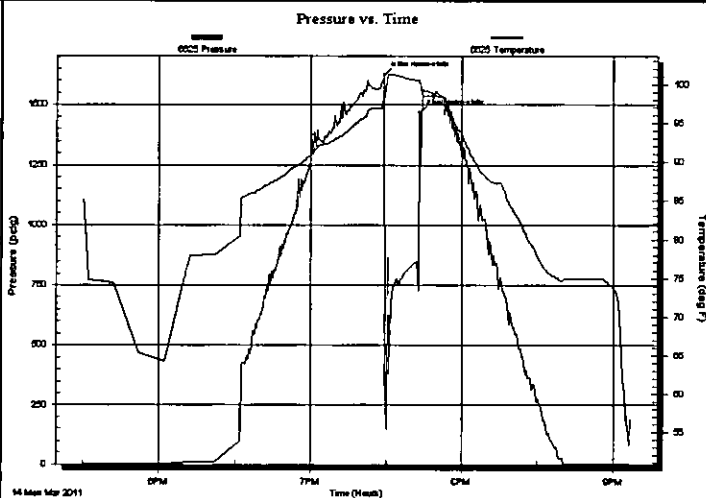
Werth B#1
25-15s-18w Ellis,KS
Job Ticket: 41899 DST#: 1
Test Start: 2011.03.14 @ 17:30:12

GENERAL INFORMATION:

Formation: **LkC E**
Deviated: **No** Whipstock: ft (KB)
Time Tool Opened: 19:00:00
Time Test Ended: 21:06:37
Interval: **3295.00 ft (KB) To 3308.00 ft (KB) (TVD)**
Total Depth: **3308.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition:
Test Type: **Conventional Bottom Hole**
Tester: **Ray Schwager**
Unit No: **42**
Reference Elevations: **1945.00 ft (KB)**
1937.00 ft (CF)
KB to GRVCF: **8.00 ft**

Serial #: 6625 **Inside**
Press@RunDepth: psig @ **3300.00 ft (KB)** Capacity: **8000.00 psig**
Start Date: **2011.03.14** End Date: **2011.03.14** Last Calib.: **2011.03.14**
Start Time: **17:30:12** End Time: **21:06:37** Time On Btm: **2011.03.14 @ 19:29:07**
Time Off Btm: **2011.03.14 @ 19:43:07**

TEST COMMENT: IFP-slid tool approx 10' after tool opened,
approx 12' of fill still in hole, pulled test



PRESSURE SUMMARY

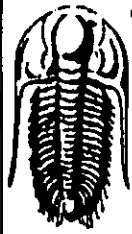
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1622.84	98.04	Initial Hydro-static
14	1466.53	100.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	mud	0.15

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Dreiling Oil Inc
P O Box 550
Hays KS 67601-0550
ATTN: Teery Pesker

Werth B#1
25-15s-18w Ellis,KS
Job Ticket: 41899 DST#: 1
Test Start: 2011.03.14 @ 17:30:12

Tool Information

Drill Pipe:	Length: 3255.00 ft	Diameter: 3.80 inches	Volume: 45.66 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 45.81 bbl</u>	Tool Chased 22.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3295.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	13.00 ft			
Tool Length:	34.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3275.00	
Shut In Tool	5.00			3280.00	
Hydraulic tool	5.00			3285.00	
Packer	5.00			3290.00	21.00 Bottom Of Top Packer
Packer	5.00			3295.00	
Stubb	1.00			3296.00	
Perforations	4.00			3300.00	
Recorder	0.00	6625	Inside	3300.00	
Recorder	0.00	8700	Outside	3300.00	
Perforations	5.00			3305.00	
Bullnose	3.00			3308.00	13.00 Bottom Packers & Anchor

Total Tool Length: 34.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Dreiling Oil Inc

Werth B#1

P O Box 550
Hays KS 67601-0550

25-15s-18w Ellis,KS

Job Ticket: 41899

DST#: 1

ATTN: Teery Pesker

Test Start: 2011.03.14 @ 17:30:12

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
30.00	mud	0.148

Total Length: 30.00 ft

Total Volume: 0.148 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

