

CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 5145 **KCC**

Name: DREILING OIL, INC.

Address: P.O. Box 550 **OCT 23 2003**

City/State/Zip: Hays, KS 67601

Purchaser: **CONFIDENTIAL**

Operator Contact Person: Terry W. Piesker

Phone: (785) 625-8327

Contractor: Name: Discovery Drilling Co., Inc.

License: 31548 **RECEIVED**

Wellsite Geologist: Matt Dreiling **OCT 23 2003**

Designate Type of Completion:

New Well  Re-Entry  Workover **KCC WICHITA**

Oil  SWD  SIOW  Temp. Abd.

Gas  ENHR  SIGW

Dry  Other (Core, WSW, Expl., Cathodic, 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./SWD

Plug Back  Plug Back Total Depth

Commingled  Docket No. \_\_\_\_\_

Dual Completion  Docket No. \_\_\_\_\_

Other (SWD or Enhr.?)  Docket No. \_\_\_\_\_

9/3/03 9/10/03 9/10/03

Spud Date or 9/3/03 Date Reached TD 9/10/03 Completion Date or 9/10/03 Recompletion Date

API No. 15 - 051-25,249-00-00

County: Ellis

50' S & 50' W of \_\_\_\_\_

380 4939 FT feet from  (N) (circle one) Line of Section

1040 1145 FT feet from  (E) (circle one) Line of Section

**KCC GPS**

Footages Calculated from Nearest Outside Section Corner:

(circle one)  (NE) SE NW SW

Lease Name: Werth Well #: 1

Field Name: Wildcat

Producing Formation: Arbuckle

Elevation: Ground: 1983 Kelly Bushing: 1991

Total Depth: 3610 Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 223.82 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set 1190 Feet

If Alternate II completion, cement circulated from 1190 feet depth to 175 w/ 0 sx cmt. (10sks In Mouse Hole) (15sks In Rat Hole)

**Drilling Fluid Management Plan** *Miller 1031-03*

(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 No.: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**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.

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. & Develop. Date: 10-8-03

Subscribed and sworn to before me this 8th day of October, 2003

Notary Public: Patricia Dreiling

Date Commission Expires: 8-23-06

Notary Public State of Kansas  
Patricia Dreiling  
My Appt Exp 8-23-06

**KCC Office Use ONLY**

Letter of Confidentiality Attached

If Denied, Yes  Date: \_\_\_\_\_

Wireline Log Received

Geologist Report Received

UIC Distribution

**RECEIVED**  
**OCT 31 2003**  
**KCC WICHITA**

Operator Name: DREILING OIL, INC. Lease Name: WERTH Well #: 1  
 Sec. 4 Twp. 14 S. R. 17W  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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Attach Additional Sheets)  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 (Submit Copy)  List All E. Logs Run: <u>Dual Induction Neutron/Density Micro</u>	<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>1177</td> <td>+814</td> </tr> <tr> <td>Topeka</td> <td>2973</td> <td>-982</td> </tr> <tr> <td>Heebner</td> <td>3219</td> <td>-1228</td> </tr> <tr> <td>Toronto</td> <td>3239</td> <td>-1248</td> </tr> <tr> <td>L-KC</td> <td>3264</td> <td>-1273</td> </tr> <tr> <td>BKC</td> <td>3488</td> <td>-1497</td> </tr> <tr> <td>Arbuckle</td> <td>3502</td> <td>-1511</td> </tr> <tr> <td>TD</td> <td>3610</td> <td>-1619</td> </tr> </table>	Name	Top	Datum	Anhydrite	1177	+814	Topeka	2973	-982	Heebner	3219	-1228	Toronto	3239	-1248	L-KC	3264	-1273	BKC	3488	-1497	Arbuckle	3502	-1511	TD	3610	-1619
Name	Top	Datum																										
Anhydrite	1177	+814																										
Topeka	2973	-982																										
Heebner	3219	-1228																										
Toronto	3239	-1248																										
L-KC	3264	-1273																										
BKC	3488	-1497																										
Arbuckle	3502	-1511																										
TD	3610	-1619																										

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	# Sacs Used	Type and Percent Additives
Surface Pipe	12 1/4	8 5/8	20	223.82	Common	150	2%Gel&3%CC
Production St.	7 7/8	5 1/2	14	3602	ASC	150	2%Gel

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	3544' to 3550'	)	
4	3536' to 3540'	)	
4	3526' to 3530'	) 750 gals.	
4	3514' to 3520'	)	

<b>TUBING RECORD</b>		Size <u>2 7/8"</u>	Set At <u>3560'</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. <u>10-2-03</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 Bbls. <u>51.42</u>	Gas Mcf	Water Bbls. <u>34.29</u>	Gas-Oil Ratio	Gravity <u>28°</u>

Disposition of Gas    **METHOD OF COMPLETION**    Production Interval

Vented     Sold     Used on Lease     Open Hole     Perf.     Dually Comp.     Commingled  
 (If vented, Submit ACO-18.)     Other (Specify) \_\_\_\_\_

KCC

OCT 23 2003

CONFIDENTIAL

WERTH #1

D.S.T. #1

3218' to 3305' - 30-30-45-60 1st opn - wk 4' blow, slight BB on SI, 2nd opn - weak to 3 1/2" blow. No BB. Rec. 70' GIP, 65' Drlg. Mud. IF - 18-36# FF 37-45# ISIP 226# FSIP 235#.

D.S.T. #2

3304' to 3351' 30-30-45-45 1st opn - wk to 1". No BB, 2nd opn - wk surface blow - Rec. 70' drlg. mud w/few spots of oil. IF 17-43# FF 43-47#, ISIP 479# FSIP 452#. Some plugging action.

D.S.T. #3

3491' to 3530'. 30-30-30-30 1st opn - weak 1" blow. 2nd opn - weak surface blow. Rec. 3' free oil, 47' OCM IF 21-32#, FF 33-37# ISIP 945# FSIP 785#.

D.S.T. #4

3527' to 3555' - 1st opn - strong blow BOB - 20 min. 1/2" BB on SI, 2nd opn. same, 3" BB on SI. Rec. 280 GIP, 300' gassy oil, 90' gassy m.c. IF 28-82#, FF 86-167#, ISIP 1067# FSIP 1059#.

RECEIVED  
OCT 23 2003  
KCC WICHITA

RECEIVED  
OCT 31 2003  
KCC WICHITA

# ALLIED CEMENTING CO., INC.

14501

Federal Tax I.D.#

**CONFIDENTIAL**

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:

R

DATE <u>9-10-03</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION <u>10:45am</u>	JOB START	JOB FINISH <u>4:11 PM</u>
LEASE <u>WERTH</u>	WELL # <u>1</u>	LOCATION <u>Toulon &amp; I-70 IS 2E.</u>			COUNTY <u>ELLIS</u>	STATE <u>KS</u>	
<input checked="" type="radio"/> OLD OR NEW (Circle one)							

CONTRACTOR <u>DISCOVERY #2</u>
TYPE OF JOB <u>PRODUCTION STRING</u>
HOLE SIZE <u>7 7/8</u> T.D. <u>3610</u>
CASING SIZE <u>5 1/2</u> DEPTH <u>3605</u>
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT <u>15.02</u>
CEMENT LEFT IN CSG. <u>15.02</u>
PERFS.
DISPLACEMENT <u>87 1/2 BBL</u>

OWNER
CEMENT
AMOUNT ORDERED <u>175 ASC 2% CEL</u>
<u>500 GAL WFR-2</u>

COMMON <u>ASC 175</u> @ <u>9.00</u> <u>1575.00</u>
POZMIX @
GEL <u>3</u> @ <u>10.00</u> <u>30.00</u>
CHLORIDE @
<u>WFR-2 500gals</u> @ <u>1.00</u> <u>500.00</u>
@
@
@
@
HANDLING <u>175</u> @ <u>1.15</u> <u>201.25</u>
MILEAGE <u>54/SK / MILE</u> <u>175.00</u>

EQUIPMENT		
PUMP TRUCK	CEMENTER <u>MARK</u>	<u>KCC</u>
# <u>345</u>	HELPER <u>DAVE</u>	<u>OCT 23 2003</u>
BULK TRUCK	DRIVER <u>DON</u>	<u>CONFIDENTIAL</u>
# <u>222</u>	DRIVER	

RECEIVED

TOTAL 2401.25

OCT 23 2003

SERVICE

KCC WICHITA

### REMARKS:

PORT COLLAR C. 59<sup>TH</sup> ST (1193)  
15 SKC R.H.  
10 SKC M.H.  
FLOAT HELD

DEPTH OF JOB		
PUMP TRUCK CHARGE		<u>1180.00</u>
EXTRA FOOTAGE @		
MILEAGE <u>20</u> @ <u>3.50</u>		<u>70.00</u>
PLUG <u>5 1/2 TRP</u> @		<u>50.00</u>
@		
@		

TOTAL 1250.00

CHARGE TO: DEEDING OIL  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

### FLOAT EQUIPMENT

<u>5 1/2</u>		
<u>GUIDE SHOE</u> @		<u>150.00</u>
<u>INSERT</u> @		<u>235.00</u>
<u>5 # LENT</u> @ <u>40.00</u>		<u>200.00</u>
<u>4-BASKET</u> @ <u>142.00</u>		<u>568.00</u>
<u>PORT COLLAR (TL)</u> @		<u>1500.00</u>
<u>19 RECIP SCRATCHER</u> <u>35.00</u>		<u>665.00</u>
TOTAL		<u>3318.00</u>

To Allied Cementing Co., Inc.  
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX \_\_\_\_\_  
 TOTAL CHARGE \_\_\_\_\_  
 DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

SIGNATURE Kerry W. Piebken

PRINTED NAME

# ALLIED CEMENTING CO., INC.

14510

Federal Tax I.D.# ~~██████████~~

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:

2

DATE <u>9-22-03</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>WERTH</u>	WELL # <u>1</u>	LOCATION <u>VICTORIA 3E</u>			COUNTY <u>ELLIS</u>	STATE <u>KS</u>	
<input checked="" type="radio"/> OLD OR NEW (Circle one)							

CONTRACTOR EXPRESS

TYPE OF JOB PORT COLLAR

HOLE SIZE \_\_\_\_\_ T.D. \_\_\_\_\_

CASING SIZE 5 1/2 DEPTH \_\_\_\_\_

TUBING SIZE 2 1/2 DEPTH 1190

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL B DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. \_\_\_\_\_

PERFS. \_\_\_\_\_

DISPLACEMENT \_\_\_\_\_

OWNER \_\_\_\_\_

CEMENT

AMOUNT ORDERED 300 @ 1/40 6% GEL

1/4# Floceal

COMMON	<u>165</u>	@	<u>7.15</u>	<u>750.75</u>
POZMIX	<u>70</u>	@	<u>3.80</u>	<u>266.00</u>
GEL	<u>9</u>	@	<u>10.00</u>	<u>90.00</u>
CHLORIDE		@		
<u>Floceal</u>	<u>44#</u>	@	<u>14.00</u>	<u>616.00</u>
		@		
		@		
		@		
		@		
HANDLING	<u>300</u>	@	<u>1.15</u>	<u>345.00</u>
MILEAGE	<u>54/5K</u>	@	<u>5.56</u>	<u>300.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER MARK

# 345 HELPER DAVE

BULK TRUCK

# 378 DRIVER RUFUS **KCC**

BULK TRUCK

# \_\_\_\_\_ DRIVER \_\_\_\_\_

OCT 23 2003

TOTAL 1813.35

CONFIDENTIAL

REMARKS:

SERVICE

TESTED CSL TO 1000' - OPENED TOOL  
MOVED 175 SR CIRC CEMENT CLOSED TOOL  
RAN 5 JTS WASHED CLEAN

DEPTH OF JOB	_____		
PUMP TRUCK CHARGE			<u>630.00</u>
EXTRA FOOTAGE	_____	@	_____
MILEAGE	<u>20</u>	@	<u>35.00</u>
PLUG	_____	@	_____
	_____	@	_____
	_____	@	_____

TOTAL 700.00

CHARGE TO: DREILING OIL

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

FLOAT EQUIPMENT

_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____

TOTAL \_\_\_\_\_

To Allied Cementing Co., Inc.  
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX \_\_\_\_\_

TOTAL CHARGE \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

SIGNATURE Terry W. Piecher

PRINTED NAME \_\_\_\_\_

# ALLIED CEMENTING CO., INC.

15792

Federal Tax I.D.# ~~62-1111111~~

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT: R

DATE <u>9/3/04</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION <u>4:00p.m.</u>	JOB START	JOB FINISH <u>8:45p.m.</u>
LEASE <u>Werth</u>	WELL # <u>1</u>	LOCATION <u>Toulon &amp; 13th St</u>			COUNTY <u>Ellis</u>	STATE <u>Ks</u>	
OLD OR <u>NEW</u> (Circle one)				<u>1 3/4 E S. INTO</u>			

CONTRACTOR Discovery #2  
 TYPE OF JOB Surface  
 HOLE SIZE 12 1/4" T.D. 224'  
 CASING SIZE 8 5/8" DEPTH 224'  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL DEPTH  
 PRES. MAX MINIMUM  
 MEAS. LINE SHOE JOINT  
 CEMENT LEFT IN CSG. 10'  
 PERFS.  
 DISPLACEMENT 13 3/4 Bbl

OWNER \_\_\_\_\_  
 CEMENT  
 AMOUNT ORDERED 150 Com 3#2

**EQUIPMENT**  
 PUMP TRUCK CEMENTER Paul  
 # 366 HELPER Shane  
 BULK TRUCK  
 # 222 DRIVER Don  
 BULK TRUCK  
 # DRIVER

COMMON	<u>150</u>	@	<u>7.15</u>	<u>1072.50</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>10.00</u>	<u>30.00</u>
CHLORIDE	<u>5</u>	@	<u>30.00</u>	<u>150.00</u>
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>150</u>	@	<u>1.15</u>	<u>172.50</u>
MILEAGE	<u>5 #/SK</u>		<u>1/mile</u>	<u>150.00</u>

**KCC**

OCT 23 2003

TOTAL 1575.00

REMARKS:

CONFIDENTIAL

SERVICE

Cement Circulated  
Thank You!

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>520.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>20</u>	@	<u>3.50</u> <u>70.00</u>
PLUG	<u>8 5/8 wood</u>	@	<u>45.00</u>
		@	
		@	

TOTAL 635.00

CHARGE TO: Drilling Oil  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	

TOTAL \_\_\_\_\_

To Allied Cementing Co., Inc.  
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX \_\_\_\_\_  
 TOTAL CHARGE \_\_\_\_\_  
 DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

SIGNATURE Thomas DC

Thomas DC

PRINTED NAME