

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 5145
Name: Dreiling Oil, Inc.
Address: Box 550
City/State/Zip: Hays, KS 67601
Purchaser: NCRA
Operator Contact Person: Terry Piesker
Phone: (785) 625-8327
Contractor: Name: Murfin Drilling Co., Inc.
License: 30606
Wellsite Geologist: Matt Dreiling

RECEIVED

JAN 12 2004

KCC WICHITA

Designate Type of Completion:
 New Well Re-Entry Workover
 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. _____

<u>10-1-03</u>	<u>10-7-03</u>	<u>10-20-03</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 051-25,258-00-00
County: Ellis
160 E & 170 N
E/2 NW Sec. 3 Twp. 144 S. R. 17 East West
1150 feet from S (circle one) Line of Section
2140 feet from E (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Sander Well #: 1

Field Name: Wildcat
Producing Formation: Arbuckle
Elevation: Ground: 1990 Kelly Bushing: 1995
Total Depth: 3625 Plug Back Total Depth: 3584
Amount of Surface Pipe Set and Cemented at 221 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1186' Feet
If Alternate II completion, cement circulated from 1186'
feet depth to Surface w/ 210 sx cmt.
(10sks in mouse hole) (15sks in rat hole)

Drilling Fluid Management Plan Will W 2-9-04
(Data must be collected from the Reserve Pit)

Chloride content 16000 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. & Development Date: 1-9-04

Subscribed and sworn to before me this 9th day of January

2004

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

Operator Name: Dreiling Oil, Inc. Lease Name: Sander Well #: 1
 Sec. 3 Twp. 14 S. R. 17 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 <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 <i>(Submit Copy)</i> List All E. Logs Run: Dual Induction Neutron/Density Porosity Micro	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:60%;">Name</th> <th style="width:20%;">Top</th> <th style="width:20%;">Datum</th> </tr> </thead> <tbody> <tr><td>Anhydrite</td><td>1177'</td><td>+818</td></tr> <tr><td>Topeka</td><td>2983'</td><td>-988</td></tr> <tr><td>Heebner</td><td>3229'</td><td>-1234</td></tr> <tr><td>Toronto</td><td>3248'</td><td>-1253</td></tr> <tr><td>L-KC</td><td>3276'</td><td>-1281</td></tr> <tr><td>Base L-KC</td><td>3497'</td><td>-1502</td></tr> <tr><td>Arbuckle</td><td>3510'</td><td>-1515</td></tr> <tr><td>TD</td><td>3625'</td><td>-1630</td></tr> </tbody> </table>	Name	Top	Datum	Anhydrite	1177'	+818	Topeka	2983'	-988	Heebner	3229'	-1234	Toronto	3248'	-1253	L-KC	3276'	-1281	Base L-KC	3497'	-1502	Arbuckle	3510'	-1515	TD	3625'	-1630
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TD	3625'	-1630																										

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	# Sacjs Used	Type and Percent Additives
Surface Pipe	12 1/4	8 5/8"	24	221'	common	150	3% CC 2% gel
Production	7 7/8	5 1/2"	14	3622	ASC	175	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	Acid, Fracture, Shot, Cement Squeeze Record	Depth
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	
4	3548' to 3558'	350 gal. 15% INS	
4	3534' to 3540'	250 gal. 15% INS	
4	3522' to 3526'	250 gal. 15% INS	
4	3512' to 3515'	250 gal. 15% INS	
4	3299' to 3304'	500 gal. 15% NE & 1000 gal. 15% mud acid	
4	3356' to 3359'	500 gal. 15% mud acid	
4	3432' to 3434'; 3437' to 3440' & 3442' to 3454'	250 gal. 15% mud acid	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 7/8"	3562'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr. _____ Producing Method Flowing Pumping Gas Lift Other (Explain) _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	62.42		8.51		33°

Disposition of Gas _____ METHOD OF COMPLETION _____ Production Interval _____

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled Lansing-Kansas City & Arbuckle
(If vented, Sumit ACO-18.) Other (Specify) _____

DRILL STEM TESTS

RECEIVED
JAN 12 2004 ORIGINAL
KCC WICHITA

D.S.T. #1

3261' to 3314' 30-30-30-45 (LKC-"C")
IF BOB 3" BB BOB 3"
FF BOB 4" GTS in 5"
Rec: 565' GO, 190' GMCO, 60' GWMCO
FP 51-170# 188-278#
ISIP 764# FSIP 710#

D.S.T. #2

3316' to 3377' 30-30-30-45 (LKC "D" - "F")
IF BOB 2" BB BOB 5"
FF BOB 5" BB BOB 13"
Rec: 1985' GIP, 410' CO, 150' GMCO
FP 54-128# 170-224#
ISIP 520# FSIP 527#

D.S.T. #3

3395' to 3505' 30-30-60-60 (LKC "H" - "L")
IF 3" BB - wk surf.
FF 8" BB - wk surf.
Rec: 20' CO, 105 OCM
FP 16-38 36-62
ISIP 601#, FSIP 918#

D.S.T. #4

3488' to 3545' 30-30-60-60 (Arbuckle)
IF 8" BB - wk surf.
FF BOB 32" BB - wk surf.
Rec.: 180' GIP, 120' GO, 175' OCM
FP 24-81 90-125#
ISIP 989# FSIP 964#

D.S.T. #5

3545' to 3562' 30-30-60-60 (Arbuckle)
IF BOB in 23" BB 1 1/2"
FF BOB in 20" BB 2"
Rec: 320' GIP, 205' CO, 155' HOGCM
FP 19-83# 93-153#
ISIP 1043# FSIP 1008#

ALLIED CEMENTING CO., INC.

Federal Tax I.D.# [REDACTED]

14522
ORIGINAL
SERVICE POINT: 12

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

DATE <u>10-1-03</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
					<u>11:00am</u>		<u>1:15pm</u>
LEASE <u>SANDER</u>	WELL # <u>1</u>	LOCATION <u>VICTORIA E 2-70 1/2s</u>			COUNTY	STATE	
					<u>ELLIS</u>	<u>KS</u>	
OLD OR <u>NEW</u> (Circle one)				<u>3E</u>			

CONTRACTOR MURFIN B
 TYPE OF JOB SURFACE
 HOLE SIZE 12 1/4 T.D. 221
 CASING SIZE 8 5/8 DEPTH 221
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. 10-15
 PERFS.
 DISPLACEMENT 13 BBL

EQUIPMENT

PUMP TRUCK CEMENTER MARK
 # 345 HELPER DAVE
 BULK TRUCK
 # 279 DRIVER BILL
 BULK TRUCK
 # DRIVER

OWNER
 CEMENT
 AMOUNT ORDERED 150 COM 3 7/8 CC 2% GEL
 COMMON 150 @ 7.15 1072.50
 POZMIX @
 GEL 3 @ 10.00 30.00
 CHLORIDE 5 @ 30.00 150.00
 @
 @
 @
 @
 @
 @
 @
 HANDLING 150 @ 1.15 172.50
 MILEAGE 52/52 Mile 150.00

RECEIVED TOTAL 1575.00

JAN 12 2004

REMARKS:

KCC WICHITA SERVICE

CEMENT CIRC

DEPTH OF JOB
 PUMP TRUCK CHARGE 520.00
 EXTRA FOOTAGE @
 MILEAGE 20 @ 3.50 70.00
 PLUG 8 5/8 wood @ 45.00
 @
 @
 TOTAL 635.00

CHARGE TO: DEALING
 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 Louis McKenna

Louis McKenna
 PRINTED NAME

ALLIED CEMENTING CO., INC

Federal Tax I.D.# [REDACTED]

ORIGINAL 15736

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

SERVICE POINT:

Russell

DATE <u>10-7-03</u>	SEC. <u>3</u>	TWP. <u>14</u>	RANGE <u>17</u>	CALLED OUT <u>1:00PM</u>	ON LOCATION <u>5:00PM</u>	JOB START <u>7:30PM</u>	JOB FINISH <u>8:15PM</u>
LEASE <u>Sander</u>	WELL # <u>1</u>	LOCATION <u>VICTORIA J-70 EXIT 1/2 S</u>			COUNTY <u>ELLIS</u>	STATE <u>KANSAS</u>	
OLD OR <u>NEW</u> (Circle one)				<u>2 3/4 W 1/4 S</u>			

CONTRACTOR <u>MURFIN DRILL RIG #8</u>	OWNER
TYPE OF JOB <u>PRODUCTION STRING</u>	CEMENT
HOLE SIZE <u>7 7/8</u>	T.D. <u>3625'</u>
CASING SIZE <u>5 1/2</u>	DEPTH <u>3622'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL <u>AFU INSERT</u>	DEPTH <u>3606</u>
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT <u>17.67</u>
CEMENT LEFT IN CSG. <u>17.67</u>	
PERFS.	
DISPLACEMENT <u>88 / BBL</u>	

EQUIPMENT	
PUMP TRUCK # <u>345</u>	CEMENTER <u>Glen</u>
	HELPER <u>Dave</u>
BULK TRUCK # <u>378</u>	DRIVER <u>RUFUS</u>
BULK TRUCK #	DRIVER

COMMON <u>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-2 500 gals</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>

RECEIVED TOTAL 2481.25

JAN 12 2004

SERVICE

KCC WICHITA

REMARKS:

10 SK @ mouse hole
15 SR @ RAT hole
PORT COLLAR ON #58 JT. (1187)
FLOAT HELD
THANKS

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>1130.00</u>
EXTRA FOOTAGE	@		
MILEAGE <u>20</u>	@	<u>3.50</u>	<u>70.00</u>
PLUG <u>5 1/2 RUBBER</u>	@		<u>50.00</u>
	@		
	@		

TOTAL 1250.00

CHARGE TO: DREILING Oil Co. Inc.
STREET _____
CITY _____ STATE _____ ZIP _____

WEATHERFORD
FLOAT EQUIPMENT

<u>1 - Guide Shoe</u>	@		<u>150.00</u>
<u>1 - AFU INSERT</u>	@		<u>235.00</u>
<u>5 - Centralizers</u>	@	<u>40.00</u>	<u>200.00</u>
<u>4 - BASKETS</u>	@	<u>128.00</u>	<u>512.00</u>
<u>20 Recipe Scatchers</u>	@	<u>35.00</u>	<u>700.00</u>
<u>PORT COLLAR</u>	@		<u>1500.00</u>

TOTAL 3297.00

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 Tony W. Riesher

PRINTED NAME

ALLIED CEMENTING CO., INC. 14561

Federal Tax I.D.# [REDACTED]

ORIGINAL

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

SERVICE POINT: R

DATE <u>10-16-03</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION <u>9:00am</u>	JOB START <u>11:30am</u>	JOB FINISH <u>12:00pm</u>
LEASE <u>SONDER</u>	WELL # <u>1</u>	LOCATION <u>VICTORIA # I-70 Yes</u>			COUNTY <u>ELLIS</u>	STATE <u>KS</u>	
<input checked="" type="radio"/> OLD OR <input type="radio"/> NEW (Circle one)				<u>3W</u>			

CONTRACTOR EXPRESS

TYPE OF JOB PORT COLLAR

HOLE SIZE _____ T.D. _____

CASING SIZE 5 1/2 DEPTH _____

TUBING SIZE 2" DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL REINHARDT DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

EQUIPMENT

PUMP TRUCK CEMENTER MARIC

377 HELPER DAVE

BULK TRUCK

222 DRIVER SCOTT

BULK TRUCK

_____ DRIVER _____

REMARKS:

P-COLLAR C 1186 TESTED CSG TO 1000'
OPEN TOOL MOVED 200 SR CIRC CEMENT
CLOSED TOOL REPRES CSG TO 1000'
RAN 5 JTS WASHED CLEAN

CHARGE TO: DRELLING DTL

STREET _____

CITY _____ STATE _____ ZIP _____

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.

SIGNATURE _____

OWNER _____

CEMENT

AMOUNT ORDERED 300 6 1/4 690 GEL
1/4 LB PRO SEAL / SR

COMMON	<u>120</u>	@	<u>7.15</u>	<u>858.00</u>
POZMIX	<u>80</u>	@	<u>3.00</u>	<u>304.00</u>
GEL	<u>10</u>	@	<u>10.00</u>	<u>100.00</u>
CHLORIDE		@		
<u>FLOEEM</u>	<u>50#</u>	@	<u>1.40</u>	<u>90.00</u>
		@		
		@		
		@		
		@		
HANDLING	<u>300</u>	@	<u>1.15</u>	<u>345.00</u>
MILEAGE	<u>54</u>	@	<u>5.56 / mile</u>	<u>300.00</u>

RECEIVED

TOTAL 1977.00

JAN 12 2004

SERVICE

KCC WICHITA

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____ 630.00

EXTRA FOOTAGE _____ @ _____

MILEAGE 20 @ 3.50 70.00

PLUG _____ @ _____

_____ @ _____

_____ @ _____

TOTAL 700.00

FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME _____