

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 # 6426
Name: Express Well Service and Supply
Wellsite Geologist: _____
Purchaser: NCRA

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 (Cora, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:
Operator: Neven H. Veail
Well Name: Sarver #1

Original Comp. Date: 7-7-66 Original Total Depth: 3840'

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 #: _____

<u>2-04-11</u>	<u>2-19-11</u>	<u>3-04-11</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 141-30003-00-01
Spot Description: _____
SE NE Sec. 29 Twp. 8 S. R. 13 East West
1,980 Feet from North / South Line of Section
660 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW

County: Osborne
Lease Name: Sarver Well #: 1
Field Name: _____

Producing Formation: Lansing-Kansas City
Elevation: Ground: 1752' Kelly Bushing: 1752'
Total Depth: 3190' Plug Back Total Depth: 3135'
Amount of Surface Pipe Set and Cemented at: 190 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 975 Feet
If Alternate II completion, cement circulated from: 975'
feet depth to: Surface w/ 350 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content: 7,500 ppm Fluid volume: 150 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 #: _____

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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: 5-27-11

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: wo Dlg Date: 6/8/11

Operator Name: Dreiling Oil, Inc. Lease Name: Sarver Well #: 1
 Sec. 29 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 type="checkbox"/> Yes <input checked="" 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 Log	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" 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>979</td> <td>+784</td> </tr> <tr> <td>Topeka</td> <td>2686'</td> <td>-923</td> </tr> <tr> <td>Heebner</td> <td>2936'</td> <td>-1173</td> </tr> <tr> <td>Lansing-Kansas City</td> <td>2989'</td> <td>-1226</td> </tr> </table>	Name	Top	Datum	Anhydrite	979	+784	Topeka	2686'	-923	Heebner	2936'	-1173	Lansing-Kansas City	2989'	-1226
Name	Top	Datum														
Anhydrite	979	+784														
Topeka	2686'	-923														
Heebner	2936'	-1173														
Lansing-Kansas City	2989'	-1226														

CASING RECORD <input 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"	24#	190'	Common	155 sx.	
Long String	7 7/8"	5 1/2"	14#	3170'	Common	100 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	975'	QMDC & 60/40 Poz	350 sxs	1/4# flo-seal per sxs. and 4% Gel

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
4/sh/ft	3018' to 3022'	500 gal. 15% Mud Acid, 1500 gal. NE	
4/sh/ft	3038' to 3042'	250 gal. 15% Mud Acid,	

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TUBING RECORD: Size: <u>2 3/8"</u> Set At: <u>3126'</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>March 10th, 2011</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 Bbls.</td> <td>Gas Mcf</td> <td>Water Bbls.</td> <td>Gas-Oil Ratio</td> <td>Gravity</td> </tr> <tr> <td style="text-align: center;">5</td> <td></td> <td style="text-align: center;">20</td> <td></td> <td></td> </tr> </table>	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	5		20		
Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity							
5		20									

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>3038' to 3042'</u> <u>3018' to 3022'</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. 5030

Date <u>4-8-11</u>	Sec.	Twp.	Range	County <u>Osborne</u>	State <u>KS</u>	On Location	Finish <u>3:00 p.m.</u>
Lease <u>Sarver</u>	Well No. <u>1</u>		Location <u>Covert 3U</u>				

Contractor <u>Express</u>	Owner
Type Job <u>Port Collar</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>2 7/8</u>	T.D.
Csg. <u>5/2</u>	Depth
Tbg. Size <u>2 7/8</u>	Depth
Tool	Depth
Cement Left in Csg.	Shoe Joint
Meas Line	Displace
Charge To <u>Drilling oil</u>	
Street	
City	
State	
The above was done to satisfaction and supervision of owner agent or contractor.	
Cement Amount Ordered <u>250 QMDC 1/4" Flt</u>	

EQUIPMENT			
Pumptrk <u>1</u>	No.	Cementor <u>ca 3</u>	
		Helper <u>de 10</u>	
Bulktrk <u>4</u>	No.	Driver <u>Ray</u>	
		Driver <u>Ray</u>	
Bulktrk <u>12</u>	No.	Driver <u>Med</u>	
		Driver <u>Med</u>	

JOB SERVICES & REMARKS	
Remarks:	Calcium
Rat Hole	Hulls
Mouse Hole	Salt
Centralizers	Flowseal
Baskets	Kol-Seal <u>60#</u>
D/V or Port Collar	Mud CLR 48
<u>Plug set @ 2745 - Create hole clean.</u>	CFL-117 or CD110 CAF 38
<u>PC @ 975 Test to 1000th H.W. Open</u>	Sand
<u>fast Est. Circulation. Mix 350 S/C</u>	Handling <u>350</u>
<u>Cement Circulation Close Tool</u>	Mileage
<u>Pressure to cement Run 5 joints</u>	
<u>+ wash clean</u>	

FLOAT EQUIPMENT	
Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	

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Quality Oilwell
Cementing

Pumptrk Charge <u>port collar</u>	Tax
Mileage <u>28</u>	Discount
Signature <u>[Signature]</u>	Total Charge

QUALITY OILWELL CEMENTING, INC.

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

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

No. 4696

Date	Sec.	Twp.	Range	County	State	On Location	Finish
2-19-11	29	8S	13W	Osburn	Kansas		4:30 PM
Lease Sarver	Well No. 1		Location Osburn SS 3W 15 2W 15 SW 1/4				
Contractor Express Well Service				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 Logging	Hole Size 7 7/8		T.D.	Charge To Drilling Oil			
Csg. 5 1/2 14lb	Depth 3167		Street				
Tbg. Size	Depth		City State				
Tool Port Collar #52	Depth 975		The above was done to satisfaction and supervision of owner agent or contractor.				
Cement Left in Csg. 35	Shoe Joint 35		Cement Amount Ordered 100 (Common) 100 Sulf				
Meas Line	Displace 7 1/2 Bbl		500 gal Mud Clear 15				
EQUIPMENT				Common 100			
Pumptrk 5	No.	Cementer		Poz. Mix			
		Helper	Steve	Gel.			
Bulktrk 10	No.	Driver	Blanton	Calcium			
Bulktrk	No.	Driver	Lisco	Hulls			
JOB SERVICES & REMARKS				Salt 9			
Remarks:				Flowseal			
Rat Hole				Koi-Seal			
Mouse Hole				Mud CLR 48 500 gal			
Centralizers				CFL-117 or CD110 CAF 38			
Baskets				Sand			
DV or Port Collar #52 975'				Handling 109			
Land plug @ 1400'				Mileage			
FLOAT EQUIPMENT				RECEIVED			
Float Hold				JUN 01 2011			
Guide Shoe 1				KCC WICHITA			
Centralizer 4							
Baskets 2							
AFU Inserts 1							
Float Shoe							
Latch Down							
5 1/2 Rubber Plug							
Port Collar							
Pumptrk Charge				Production String			
Mileage 28							
Signature Henry W. Rescher				Tax			
				Discount			
				Total Charge			