ORIGINAL 6/08/10

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
October 2008
Form Must Be Typed

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: Kansas Zip: 67601 + ____
Contact Person: Terry W. Piesker
Phone: (785) 625-8237

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CONTRACTOR: License # 31548
Name: Discovery Drilling Co., Inc
Wellsite Geologist: Bill Ree
Purchaser:

Designate Type of Completion:
✓ New Well ____ Re-Entry ____ Workover
✓ Oil ____ SWD ____ SIOW
____ Gas ____ ENHR ____ SIGW
____ CM (Coal Bed Methane) ____ Temp. Abd.
____ 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. ____ Conv. to SWD
____ Plug Back: ____ Plug Back Total Depth
____ Commingled Docket No.:
____ Dual Completion Docket No.:
____ Other (SWD or Enhr.?) Docket No.:

4/9/09	4/17/09	4/18/09
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 141-20,401-00-00
Spot Description:
~~NW~~ E/2 - NE - SW Sec. 28 Twp. 8 S. R. 13 ☐ East ☑ West
1980 Feet from ☐ North / ☑ South Line of Section
2310 Feet from ☐ East / ☑ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☐ SE ☑ SW
County: Osborne
Lease Name: Schultze Well #: 1
Field Name: Wildcat
Producing Formation: LKC
Elevation: Ground: 1705 Kelly Bushing: 1713
Total Depth: 3760 Plug Back Total Depth: 3166'
Amount of Surface Pipe Set and Cemented at: 219.02 Feet
Multiple Stage Cementing Collar Used? ☑ Yes ☐ No
If yes, show depth set: 894 Feet
If Alternate II completion, cement circulated from: 894
feet depth to: Surface w/ 110 sx cmt.

Drilling Fluid Management Plan AH II NB 8-7-09
(Data must be collected from the Reserve Pit)
Chloride content: 4,000 ppm Fluid volume: 160 bbls
Dewatering method used: Hauled Free Fluids
Location of fluid disposal if hauled offsite:
Operator Name: Heuwitt Energy Group
Lease Name: Johnson #2 SWD License No.: 33830
Quarter SW Sec. 35 Twp. 13 S. R. 18 ☐ East ☑ West
County: Russell Docket No.: D-20,393

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: Expl. & Prod. Mgr. Date: 6-9-09
Subscribed and sworn to before me this 15TH day of JUNE, 20 09.
Notary Public: Patricia Drieling
Date Commission Expires:

PATRICIA DREILING
MY COMMISSION EXPIRES
August 23, 2010

KCC Office Use ONLY
✓ Letter of Confidentiality Received
If Denied, Yes ☐ Date:
✓ Wireline Log Received
✓ Geologist Report Received
UIC Distribution

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JUN 17 2009
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Side Two

Operator Name: Dreiling Oil, Inc. Lease Name: Schultze Well #: 1

Sec. 28 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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken ☑ Yes ☐ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No
(Submit Copy)

List All E. Logs Run:

Dual Induction, Sonic, Micro, Neutron/Density

☐ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Topeka	2655'	-942
Heebner	2875'	-1162
Toronto	2900'	-1187
Lansing/Kansas City	2928'	-1215
Base of LKC	3221'	-1508
Viola	3514'	-1801
Arbuckle	3708'	-1995

CASING RECORD ☐ New ☐ 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"	20#	219'	Common	150 sx.	2% Gel, 3%CC
Production St.	7 7/8"	5 1/2"	14#	3222'	Common	150 sx.	10% Salt
			(Port Collar- 894')				

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate ✓ Protect Casing ___ Plug Back TD ___ Plug Off Zone	894'	60/40 Poz	110 sx.	6% Gel 1/4# Flo-Seal per sxs.

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/sh/ft	2978' to 2986	500 gal. 15% NE	

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TUBING RECORD: Size: 2 3/8" Set At: 3141' Packer At: Liner Run: ☐ Yes ☑ No

Date of First, Resumed Production, SWD or Enhr. 5-09-09

Producing Method: ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	53		0		

DISPOSITION OF GAS:
☑ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☐ Open Hole ☑ Perf. ☐ Dually Comp. ☐ Commingled
☐ Other *(Specify)* _____

PRODUCTION INTERVAL:
2978' to 2986

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

ALLIED CEMENTING CO., LLC. 037441

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

JUN 0 8 2009
KCC

SERVICE POINT: Russell

DATE 4-9-09	SEC. 28	TWP. 8	RANGE 13	CALLED OUT	ON LOCATION	JOB START 10:00 Am	JOB FINISH 10:30
LEASE Schultz	WELL # 1		LOCATION Colvert 3½N			COUNTY Osborne	STATE Kansas
OLD OR (NEW) (Circle one)							

CONTRACTOR Discovery Drlg. Rig #2
OWNER

TYPE OF JOB Surface
HOLE SIZE 12¼ T.D. 220
CASING SIZE 8⅝ New DEPTH 219
TUBING SIZE 23# DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG. 15'
PERFS.
DISPLACEMENT 13 BBL

CEMENT
AMOUNT ORDERED 150 sx Com. 2% Gel 3% cc

COMMON	150	@ 13.50	2025.00
POZMIX		@	
GEL	3	@ 20.25	60.75
CHLORIDE	5	@ 51.50	257.50
ASC		@	
HANDLING	150	@ 2.25	337.50
MILEAGE	110/sk/mile		450.00
		TOTAL	3130.75

EQUIPMENT

PUMP TRUCK # 417 CEMENTER Glenn
HELPER Matt
BULK TRUCK # 410 DRIVER John
BULK TRUCK # DRIVER

REMARKS:

Cement Circulated
Thanks

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			991.00
EXTRA FOOTAGE		@	
MILEAGE	30	@ 7.00	210.00
MANIFOLD		@	
		TOTAL	1201.00

CHARGE TO: Dreiling Oil Co. Inc
STREET
CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

TOTAL

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) 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 and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any)
TOTAL CHARGES
DISCOUNT IF PAID IN 30 DAYS

PRINTED NAME Thomas Alm
SIGNATURE Thomas Alm

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ALLIED CEMENTING CO., LLC. 037447

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

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JUN 0 5 2009

SERVICE POINT: Russell

DATE	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
4-18-09	28	8	13			11:00 Am	11:40 Am

LEASE	WELL #	LOCATION	COUNTY	STATE
SCHULTZE	#1	WALDO KS. N. TO. COVERT 3 1/2 N	OSBORNE	KANSAS

OLD OR NEW (Circle one)

CONTRACTOR Discovery #2
TYPE OF JOB PRODUCTION STRING
HOLE SIZE 7 7/8 T.D. 3760
CASING SIZE 5 1/2 (New 14# DEPTH 3214
TUBING SIZE AFU Insert DEPTH @ 3174
DRILL PIPE DEPTH
TOOL Port Collar @ DEPTH 894
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT 42.95
CEMENT LEFT IN CSG. 42.95
PERFS.
DISPLACEMENT 77 1/2 BBL

OWNER

CEMENT
AMOUNT ORDERED 150 sx Com. 10% Salt
500 Gal WFR-2 Flush

COMMON	@	
POZMIX	@	
GEL	@	
CHLORIDE	@	
ASC	@	
HANDLING	@	
MILEAGE		
	TOTAL	

EQUIPMENT

PUMP TRUCK # 417 CEMENTER Glenn
HELPER Matt
BULK TRUCK # 410 DRIVER CH
BULK TRUCK # DRIVER

REMARKS:

Ran 77 Jts New 14# Csg.
Set @ 3214 Port Collar on
#57 Jts (894)

Land Plug @ 1,000# (Released Float Held)

30 sx @ Rathole
Jt #19 out.

THANKS

SERVICE

DEPTH OF JOB		
PUMP TRUCK CHARGE		
EXTRA FOOTAGE	@	
MILEAGE	@	
MANIFOLD	@	
	TOTAL	

CHARGE TO: Dreiling Oil
STREET
CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

Guide Shoe		
AFU Insert	@	
5 - Centralizers	@	
2 - Baskets	@	
1 - Blue Port Collar	@	
1 - T.R.P.	@	
	TOTAL	

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) 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 and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any)
TOTAL CHARGES
DISCOUNT IF PAID IN 30 DAYS

PRINTED NAME
SIGNATURE Gerry W. Peschen

KANSAS CORPORATION COMMISSION
JUN 1 7 2009
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ALLIED CEMENTING CO., LLC. 037456

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

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JUN 0 8 2009

SERVICE POINT: Russell

DATE	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
4-28-09	28	8	13			10:00 AM	11:00 AM

LEASE	WELL #	LOCATION	COUNTY	STATE
SCHULTZ	1	COVERT 3½ N ½ E	OSBORNE	Kansas

OLD OR NEW (Circle one)

CONTRACTOR
TYPE OF JOB Open Port Collar (Circ. Cement)
HOLE SIZE T.D.
CASING SIZE 5½ DEPTH
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL Port Collar @ DEPTH 888
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG.
PERFS.
DISPLACEMENT 3.44

OWNER
CEMENT (USED 110 SX)
AMOUNT ORDERED 200 SX 60/40 6% Gel
¼ # F10-Seal per SX

COMMON @
POZMIX @
GEL @
CHLORIDE @
ASC @

HANDLING @
MILEAGE
TOTAL

EQUIPMENT

PUMP TRUCK CEMENTER Galen G.
417 HELPER MATT D.
BULK TRUCK
345 DRIVER JOHN R.
BULK TRUCK
DRIVER

REMARKS:

Pressured CSG & PC to 800# (Held) Open Port Collar & Recieved Very Good Circulation. Mixed 110 SX Cement, & Cement Circ Around Annulas. Displace 2½ BBL & Closed Tool. Recheck to 800# (Held) Ran 5 Jts & Washed Clean (15 BBL) Came out w/ PC Opening Tool.
THANK'S

SERVICE

DEPTH OF JOB
PUMP TRUCK CHARGE
EXTRA FOOTAGE @
MILEAGE @
MANIFOLD yes @

TOTAL

CHARGE TO: Dreiling Oil Inc.
STREET
CITY STATE ZIP

*State Rep. Rich Williams (KCC) on Location. (Cement did circulate to surface)

PLUG & FLOAT EQUIPMENT

TOTAL

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SALES TAX (If Any)
TOTAL CHARGES
DISCOUNT IF PAID IN 30 DAYS

PRINTED NAME
SIGNATURE Kenny W. Reeder

KANSAS CORPORATION COMMISSION
JUN 17 2009
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