

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1  
October 2008  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 5669  
Name: Helberg Oil Company  
Address 1: P.O. Box 32  
Address 2: \_\_\_\_\_  
City: Morland State: KS Zip: 67650 + \_\_\_\_\_  
Contact Person: Tracy Helberg  
Phone: ( 785 ) 216-0969  
CONTRACTOR: License # 5184  
Name: Shields Oil Producers Inc., POB 709, Russell, KS  
Wellsite Geologist: Richard B. Bell, Hill City, KS 67642  
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.: \_\_\_\_\_  
Dec. 4, 2009      Dec. 11, 2009      Dec. 11, 2009  
Spud Date or      Date Reached TD      Completion Date or **TO BE**  
Recompletion Date                Recompletion Date      **PLUGGED**

API No. 15 - 051-25926-00-00  
Spot Description: Center  
\_\_\_\_\_ SW SE NW Sec. 16 Twp. 13 S. R. 16  East  West  
2310 Feet from  North /  South Line of Section  
1650 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Ellis  
Lease Name: Emerick Well #: 01-09  
Field Name: N/A  
Producing Formation: Lansing / Kansas City  
Elevation: Ground: 1944 Kelly Bushing: 1949  
Total Depth: 3528 Plug Back Total Depth: 3460  
Amount of Surface Pipe Set and Cemented at: 213 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 Air I NR 1-8-10  
(Data must be collected from the Reserve Pit)  
Chloride content: 3000 ppm Fluid volume: 40 bbls  
Dewatering method used: \_\_\_\_\_  
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: TC Helberg  
Title: Agent Date: 1-5-10  
Subscribed and sworn to before me this 5<sup>th</sup> day of January,  
2010.  
Notary Public: Donna Yurk  
Date Commission Expires: 9-18-10

**KCC Office Use ONLY**

Letter of Confidentiality Received  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

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APPL. EXP. 9-18-10  
DONNA YURK  
SECRETARY - STATE OF KANSAS

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Operator Name: Helberg Oil Company Lease Name: Emerick Well #: 01-09  
 Sec. 16 Twp. 13 S. R. 16  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 <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Anhydrite	1065	+882
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Topeka	2893	-944
List All E. Logs Run: <u>ACO1 REC'D W/ 1 LOG:</u>		Heebner	3142	-1193
<u>RADIATION GUARD LOG</u>		Toronto	3161	-1212
		Lansing	3193	-1244
		BKc	3425	-1476
		Arbuckle	3479	-1530

*See  
log  
01/04/06*

*See  
with  
logs  
01/04/06*

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
<u>SURF.</u>		<u>8 7/8</u>		<u>213</u>		<u>150 SX</u>	

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 checked="" type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	<u>3460</u>	<u>Cement</u>	<u>25</u>	<u>60 / 40 / 4% Gel / 1/4 # FLOSEAL</u>

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

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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 Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	

**KCC WICHITA**

DISPOSITION OF GAS:		METHOD OF COMPLETION:			PRODUCTION INTERVAL:
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled	<input checked="" type="checkbox"/> Other (Specify) <u>Plug</u>			

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1-5-10

SIR/MADAM,

THE PITS ARE STILL FROZEN.  
WHEN THEY THAW I WILL FILE  
A WASTE WATER TRANSFER AND  
SURFACE PIT CLOSURE FORM.

CALL ME AT 785-216-0969

IF YOU HAVE QUESTIONS.

THANKS

TC Helberg

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Quality Oilwell Cementing Inc.

740 W WICHITA  
 P.O. Box 32  
 Russell, KS 67665

# Invoice

Date	Invoice #
12/8/2009	2155

<b>Bill To</b>
HELBERG OIL CO PO BOX 32 MORLAND KS 67650

P.O. No.	Terms	Project
	Net 30	

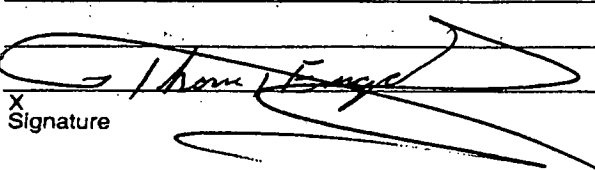
Quantity	Description	Rate	Amount
150	common	10.00	1,500.00T
3	GEL	17.00	51.00T
5	Calcium	42.00	210.00T
158	handling	2.00	316.00
1	MILEAGE CHARGE	300.00	300.00
1	8 5/8 wooden plug	69.00	69.00T
1	surface pipes 0-500ft	450.00	450.00
20	pump truck mileage charge	7.00	140.00
183	discount if paid within 30 days DISCOUNT HAS ALREADY BEEN DEDUCTED	-1.00	-183.00T
121	discount if paid within 30 days DISCOUNT HAS ALREADY BEEN DEDUCTED	-1.00	-121.00
	LEASE: EMERICK WELL #1-9 Ellis county Sales Tax	5.30%	87.29
<i>Paid 12-12-09                      ck# 25612</i>		<b>RECEIVED</b> <b>JAN 06 2010</b> <b>KCC WICHITA</b>	
Thank you for your business. Dave		<b>Total</b>	\$2,819.29

# QUALITY OILWELL CEMENTING, INC.

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

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

No. 3016

Date	12-8-09	Sec.		Twp.		Range		County	BEL	State	KS	On Location		Finish	8:30AM
Lease	EMERICK			Well No.	01-09			Location	Walker 20 5N 2E						
Contractor	SHEELAS							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	SFL							Charge To	HELBERG OIL CO.						
Hole Size	12 1/4			T.D.	216			Street	PO BOX 32						
Csg.	8 3/8			Depth	213			City	MORLAND			State	KS 67650		
Tbg. Size								Depth							
Drill Pipe								Depth							
Tool								Depth							
Cement Left in Csg.	15'			Shoe Joint				The above was done to satisfaction and supervision of owner agent or contractor.							
Press Max.				Minimum				Amount Ordered	CEMENT 150 cum 3% CC 2% CC						
Meas Line				Displace	13 BBL			Common							
Perf.								Poz. Mix							
<b>EQUIPMENT</b>								Gel.							
Pumptrk	No.	Cementer						Calcium							
		Helper													
Bulktrk	No.	Driver						Mills							
		Driver													
Bulktrk	No.	Driver						Salt							
		Driver													
<b>JOB SERVICES &amp; REMARKS</b>								Flowseal							
Pumptrk Charge															
Mileage															
Footage															
	Total														
Remarks:	<p style="font-size: 2em; text-align: center;">CEMENT CIRCULATED</p>							Handling							
								Mileage							
								Pump Truck Charge							
								<b>FLOAT EQUIPMENT</b>							
								Guide Shoe							
								Centralizer							
								Baskets							
								AFU Inserts							
									<p style="font-size: 1.5em; margin: 0;">RECEIVED</p> <p style="font-size: 1.2em; margin: 0;">JAN 06 2010</p> <p style="font-size: 1.2em; margin: 0;">KCC WICHITA</p>						
	<p style="font-size: 2em; text-align: center;">THANK YOU</p>							Rotating Head							
								Squeez Mainfold							
									Tax						
									Discount						
									Total Charge						
X Signature															



24 S. Lincoln Street  
 P.O. Box 31  
 Russell, KS 67665-2906  
 Voice: (785) 483-3887  
 Fax: (785) 483-5566

# INVOICE

Invoice Number: 120907  
 Invoice Date: Dec 12, 2009  
 Page: 1

<b>Bill To:</b>
Helberg Oil Company P O Box 32 Morland, KS 67650-0032

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Helb	Emerick #01-09	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-03	Great Bend	Dec 12, 2009	1/11/10

Quantity	Item	Description	Unit Price	Amount
132.00	MAT	Class A Common	13.50	1,782.00
88.00	MAT	Pozmix	7.55	664.40
8.00	MAT	Gel	20.25	162.00
50.00	MAT	Flo Seal	2.45	122.50
230.00	SER	Handling	2.25	517.50
20.00	SER	Mileage 230 sx @ .10 per sk per mi	23.00	460.00
1.00	SER	Rotary Plug	991.00	991.00
20.00	SER	Pump Truck Mileage	7.00	140.00
1.00	EQP	Wooden Plug	66.00	66.00

*PD # 3939.04      11-17-09*  
*CK # 25623*

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Subtotal	4,905.40
Sales Tax	259.99
Total Invoice Amount	5,165.39
Payment/Credit Applied	
<b>TOTAL</b>	<b>5,165.39</b>

ALL PRICES ARE NET, PAYABLE  
 30 DAYS FOLLOWING DATE OF  
 INVOICE. 1 1/2% CHARGED  
 THEREAFTER. IF ACCOUNT IS  
 CURRENT, TAKE DISCOUNT OF

\$ 1226.35

ONLY IF PAID ON OR BEFORE  
**Jan 6, 2010**

*-1226.35*  
*\$ 3939.04*

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

SERVICE POINT:  
Great Bend, KS

DATE <u>12-11-09</u> <u>12-12-09</u>	SEC. <u>16</u>	TWP. <u>13S</u>	RANGE <u>16 W</u>	CALLED OUT	ON LOCATION	JOB START <u>12:30 AM</u>	JOB FINISH <u>12:30 AM</u>
LEASE <u>Emperial</u>	WELL # <u>01-09</u>	LOCATION <u>walker US west TO</u>	COUNTY <u>Ellis</u>	STATE <u>KS</u>			
OLD OR <u>NEW</u> (Circle one)	<u>Neucent RD 5 1/2 N East into</u>						

CONTRACTOR Shields Drilling Risk OWNER Helberg oil company

TYPE OF JOB Rotary plug  
 HOLE SIZE 10 7/8 T.D. 3527  
 CASING SIZE 7 1/2 DEPTH 3460  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL DEPTH  
 PRES. MAX MINIMUM  
 MEAS. LINE SHOE JOINT  
 CEMENT LEFT IN CSG.  
 PERFS.  
 DISPLACEMENT Freshwater  
 EQUIPMENT

CEMENT		
AMOUNT ORDERED	<u>220 SX 60/40 496 Gel</u>	
	<u>4 # floceal</u>	
COMMON	<u>132</u>	@ <u>13.50</u> <u>1782.00</u>
POZMIX	<u>88</u>	@ <u>7.55</u> <u>664.40</u>
GEL	<u>8</u>	@ <u>20.25</u> <u>162.00</u>
CHLORIDE		@
ASC		@
	<u>floceal 50 #</u>	@ <u>2.45</u> <u>122.50</u>
		@
		@
		@
		@
		@
HANDLING	<u>230</u>	@ <u>2.25</u> <u>517.50</u>
MILEAGE	<u>230/20x.10</u>	<u>460.00</u>
		TOTAL <u>3708.90</u>

PUMP TRUCK CEMENTER wayne  
 # 447 HELPER Alvin  
 BULK TRUCK  
 # 482-241 DRIVER Galen  
 BULK TRUCK  
 # DRIVER

REMARKS:

1st plug 3460 mix 25SX  
Displace 588LS water- 4288LS mud  
2nd plug 1090 mix 25SX Dis 1288LS  
3rd plug 550 mix 25SX Dis 1288LS  
4th plug 263 mix 40SX Dis 188LS  
5th plug 40 100y hole plus mix 10SX  
Rat hole mix 30SX Displace 588LS  
Mouse hole mix 15SX Dis 25LS mud  
Ris Down

SERVICE		
DEPTH OF JOB	<u>3460</u>	
PUMP TRUCK CHARGE		<u>997.00</u>
EXTRA FOOTAGE		
MILEAGE	<u>20</u>	@ <u>7.00</u> <u>140.00</u>
MANIFOLD		@
		@
		@
		TOTAL <u>1137.00</u>

CHARGE TO: Helberg oil company  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PLUG & FLOAT EQUIPMENT

	@	
<u>1 wooden plug</u>	@ <u>66.00</u>	<u>66.00</u>
	@	
	@	
	@	
		TOTAL <u>66.00</u>

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.

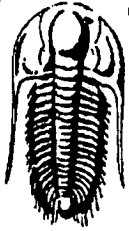
PRINTED NAME Thomas J Engel

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

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**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Helberg Oil Company

**Emerick 01-09**

P O Box 32  
Morland Ks 67650

**16-13s-16w Ellis KS**

Job Ticket: 36738

**DST#: 1**

ATTN: Tracy Helberg

Test Start: 2009.12.10 @ 12:55:33

## GENERAL INFORMATION:

Formation: **LKC I-J**

Deviated: **No Whipstock** ft (KB)

Time Tool Opened: 14:26:58

Time Test Ended: 19:38:27

Test Type: **Conventional Bottom Hole**

Tester: **Ray Schwager**

Unit No: **42**

Interval: **3342.00 ft (KB) To 3387.00 ft (KB) (TVD)**

Total Depth: **3387.00 ft (KB) (TVD)**

Hole Diameter: **7.85 inches** Hole Condition: **Fair**

Reference Elevations: **1949.00 ft (KB)**

**1944.00 ft (CF)**

KB to GR/CF: **5.00 ft**

**Serial #: 8365**

**Inside**

Press@RunDepth: **54.45 psig @ 3351.01 ft (KB)**

Start Date: **2009.12.10**

End Date:

**2009.12.10**

Start Time: **12:55:33**

End Time:

**19:38:27**

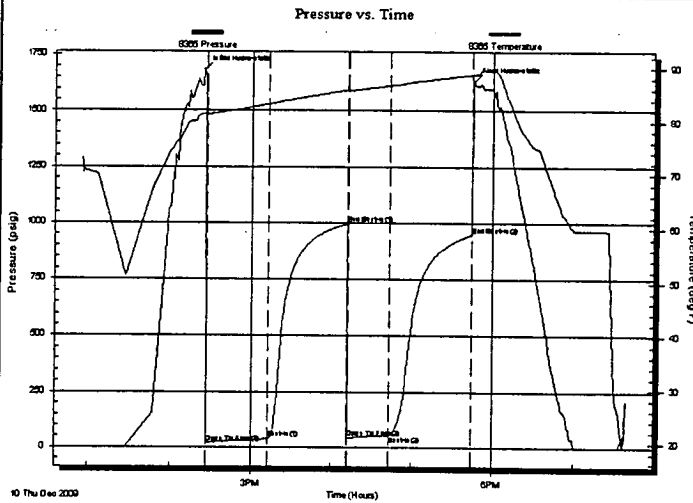
Capacity: **8000.00 psig**

Last Calib.: **2009.12.10**

Time On Btrr: **2009.12.10 @ 14:24:58**

Time Off Btrr: **2009.12.10 @ 17:45:28**

TEST COMMENT: IFP-wk bl thru-out 1/2" to 3/4" bl  
FFP-surface bl thru-out  
Times 45-60-30-60



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1681.71	81.32	Initial Hydro-static
2	19.58	81.22	Open To Flow (1)
47	38.22	83.24	Shut-In(1)
106	994.76	85.86	End Shut-In(1)
107	44.42	85.66	Open To Flow (2)
138	54.45	86.71	Shut-In(2)
200	948.25	88.82	End Shut-In(2)
201	1631.43	88.72	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
65.00	SOCM 1%O99%M	0.46

## Gas Rates

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

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