

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

CONFIDENTIAL

ORIGINAL

Operator: License # 3293
Name: Russell Oil, Inc.
Address: PO Box 1469
City/State/Zip: Plainfield, IL 60544
Purchaser: NCRA
Operator Contact Person: LeRoy Holt II
Phone: (815) 609-7000
Contractor: Name: Shields Drilling Co., Inc.
License: 5184
Wellsite Geologist: Todd Morgenstern

API No. 15 - 065229310000
County: Graham
NE NW SE SW Sec. 20 Twp. 8 S. R. 22 East West
1250 feet from (S) N (circle one) Line of Section
1920 feet from E (W) (circle one) Line of Section

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NOV 10 2003

KCC WICHITA

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. App.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc.)

KCC

NOV 07 2003

CONFIDENTIAL

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>9/02/2003</u>	<u>9/10/2003</u>	<u>10/06/2003</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Quint C Well #: 1
Field Name: Highland
Producing Formation: Lansing-Kansas City
Elevation: Ground: 2160' Kelly Bushing: 2165'
Total Depth: 3698' Plug Back Total Depth: 3667'
Amount of Surface Pipe Set and Cemented at _____ Feet
Multiple Stage Cementing Collar Used? Yes No
If Yes, show depth set 1812 Feet
If Alternate II completion, cement circulated from 1812'
feet depth to surface w/ 225 sx cmt.

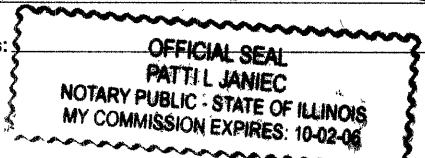
ALTI WITHM 4-9-07

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content 1700 ppm Fluid volume 800 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: [Signature]
Title: President Date: 11-7-2003
Subscribed and sworn to before me this 7th day of November,
20 03.
Notary Public: Patti L. Janiec
Date Commission Expires: _____



KCC Office Use ONLY

Letter of Confidentiality Attached
If Denied, Yes Date: _____

Wireline Log Received
 Geologist Report Received
 UIC Distribution

X

CONFIDENTIAL

Side Two

ORIGINAL

Operator Name: Russell Oil, Inc. Lease Name: Quint C Well #: 2
Sec. 20 Twp. 8 S. R. 22 East West County: Graham

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
Samples Sent to Geological Survey Yes No
Cores Taken Yes No
Electric Log Run Yes No
List All E. Logs Run:

Dual Compensated Porosity, Dual Induction, Sonic Cement Log, Compensated Sonic Log

Log Formation (Top), Depth and Datum Sample
Name Top Datum
Anhydrite 1760' +405
Topeka KCC 3160' -995
Heebner NOV 07 2003 3376' -1211
LKC 3412' -1247'
BKC CONFIDENTIAL 3626' -1461'

Table with 8 columns: 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. Rows include Surface and Production data.

Table with 5 columns: Purpose, Depth Top Bottom, Type of Cement, #Sacks Used, Type and Percent Additives. Includes details for Perforate, Protect Casing, Plug Back TD, Plug Off Zone.

Table with 3 columns: 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.

TUBING RECORD table with columns: Size, Set At, Packer At, Liner Run (Yes/No).

Table with Date of First, Resumerd Production, SWD or Enh. (10-9-2003) and Producing Method (Flowing, Pumping, Gas Lift, Other).

Table with Estimated Production Per 24 Hours (Oil 5 Bbls, Gas 0 Mcf, Water 1, Gravity 38).

Disposition of Gas METHOD OF COMPLETION Production Interval
Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
Other (Specify)

ALLIED CEMENTING CO., INC.

14536

ORIGINAL

CONFIDENTIAL

Federal Tax I.D.

REMIT TO P.O. BOX 3
RUSSELL, KANSAS 67665

SERVICE POINT: _____

DATE <u>10/3/03</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>Quinn</u>	WELL # <u>C#1</u>	LOCATION <u>Hill City 1S 1E</u>	<u>1/2 S 1/2 E N 1/4</u>		<u>2:00 p.m.</u>	<u>3:30 p.m.</u>	
<input checked="" type="checkbox"/> OLD <input type="checkbox"/> NEW (Circle one)						COUNTY <u>Graham</u>	STATE <u>Ks</u>

KCC

NOV 07 2003

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 P-C DEPTH 1512"
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT _____

OWNER _____
 CEMENT AMOUNT ORDERED 350 60/40
1/4 # F10
 USED 225.5x

CONFIDENTIAL

EQUIPMENT

PUMP TRUCK CEMENTER Paul
 # 362 HELPER Shane
 BULK TRUCK # 366 DRIVER Scott
 BULK TRUCK # _____ DRIVER _____

COMMON	<u>135</u>	@	<u>7.15</u>	<u>965.25</u>
POZMIX	<u>90</u>	@	<u>3.80</u>	<u>342.00</u>
GEL	<u>12</u>	@	<u>10.00</u>	<u>120.00</u>
CHLORIDE		@		
<u>Flo-sol</u>	<u>56#</u>	@	<u>1.40</u>	<u>78.40</u>
		@		
		@		
		@		
		@		
HANDLING	<u>350</u>	@	<u>1.15</u>	<u>402.50</u>
MILEAGE	<u>54/SK</u>			<u>1050.00</u>
TOTAL				<u>2958.15</u>

REMARKS:
P.C. @ 1512" Press to 1,000#
Opened 100# Baffle circ.
Mixed 225.5x Displaced 6Bbl.
closed top. Press to 1,000psi.
Ran 5 jets reversed out
Cement Circulated!

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>630.00</u>
EXTRA FOOTAGE	@		
MILEAGE	<u>60</u>	@	<u>3.50</u> <u>210.00</u>
PLUG	@		
	@		
	@		
TOTAL <u>840.00</u>			

CHARGE TO: Russell 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.

SIGNATURE [Signature]

TAX _____
 TOTAL CHARGE _____
 DISCOUNT _____ IF PAID IN 30 DAYS
 PRINTED NAME _____

RECEIVED
 NOV 10 2003
 KCC WICHITA

CONFIDENTIAL ALLIED CEMENTING CO., INC.

15733

Federal Tax I.

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

SERVICE POINT

ORIGINAL

Russell

DATE <u>9-27-03</u>	SEC.	TWP.	RANGE	CALLED OUT <u>6:00Am</u>	ON LOCATION <u>8:00am</u>	JOB START <u>8:15am</u>	JOB FINISH <u>11:30Am</u>
LEASE <u>Quit</u>	WELL # <u>C-1</u>	LOCATION <u>Hill City 1S 1E 12E 1/4</u>			COUNTY	STATE <u>KANSAS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

KCC

NOV 07 2003

CONTRACTOR Express Well Service

TYPE OF JOB Perf - Squeeze

HOLE SIZE _____ T.D. _____

CASING SIZE 5 1/2" DEPTH _____

TUBING SIZE 2" DEPTH _____

DRILL PIPE _____ (Rick) DEPTH _____

TOOL Reinhardt Oil Tools DEPTH 3430

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. 3562-68 - 3602-04

DISPLACEMENT _____

OWNER _____

CEMENT AMOUNT ORDERED 200 sk Corn

1/4# FLO-SEAL Per SK

COMMON	<u>250</u>	@	<u>7.15</u>	<u>1430.00</u>
POZMIX		@		
GEL		@		
CHLORIDE		@		
Flo Seal	<u>50#</u>	@	<u>1.40</u>	<u>70.00</u>
		@		
		@		
		@		
HANDLING	<u>200</u>	@	<u>1.15</u>	<u>230.00</u>
MILEAGE	<u>54/SK</u>	@		<u>600.00</u>
				TOTAL <u>2330.00</u>

CONFIDENTIAL

EQUIPMENT

PUMP TRUCK CEMENTER Glen

345 HELPER Dave

BULK TRUCK

213 DRIVER RUFUS

BULK TRUCK

_____ DRIVER _____

REMARKS:

KC PERF @ 3562-68 / 3602-04
Set packer @ 3430, Pressure Backside
To 500# (Held) Took Injection Rate of 48gpm
@ 500# Mixed 200 sk Cement, Staggered
+ Squeezed to 1500#. Pulled SJTS
d shot IN @ 500#

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>630.00</u>
EXTRA FOOTAGE	@		
MILEAGE	<u>60</u>	@	<u>3.50</u> <u>210.00</u>
PLUG	@		
	@		
	@		
TOTAL <u>840.00</u>			

CHARGE TO: Russell 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 [Signature]

PRINTED NAME

RECEIVED
 NOV 10 2003
 KCC WICHITA

ALLIED CEMENTING CO., INC.

14206

ORIGINAL

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

SERVICE POINT:
Oakley

DATE <u>9-11-03</u>	SEC. <u>20</u>	TWP. <u>8S</u>	RANGE <u>22 W</u>	CALLED OUT	ON LOCATION <u>3:00 AM</u>	JOB START <u>7:45 AM</u>	JOB FINISH <u>9:00 AM</u>
LEASE <u>Quint</u>	WELL # <u>Q-1</u>	LOCATION <u>Hill City 15-1E-4S-16E</u>	COUNTY <u>Graham</u>	STATE <u>Kan</u>	KCC		
OLD OR <input checked="" type="radio"/> NEW (Circle one)				M.S.			

CONTRACTOR <u>Shields Drf Co</u>	OWNER <u>Same</u>
TYPE OF JOB <u>Production</u>	
HOLE SIZE <u>7 7/8" T.D.</u>	DEPTH <u>3700'</u>
CASING SIZE <u>5 1/2"</u>	DEPTH <u>3687'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL <u>Port Collar</u>	DEPTH <u>1812'</u>
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT <u>16'</u>
CEMENT LEFT IN CSG. <u>16'</u>	
PERFS.	
DISPLACEMENT <u>87 1/2 BBL</u>	
EQUIPMENT	
PUMP TRUCK CEMENTER <u>Walt</u>	
# <u>300</u> HELPER <u>Wayne</u>	
BULK TRUCK	
# <u>315</u> DRIVER <u>Jarrod</u>	
BULK TRUCK	
#	DRIVER

CEMENT		
AMOUNT ORDERED <u>150 SKS ASC, 280 gal</u>		
<u>500 gal WFR-2</u>		
COMMON	@	
POZMIX	@	
GEL <u>3 SKS</u>	@ <u>10.00</u>	<u>30.00</u>
CHLORIDE	@	
<u>ASC 150 SKS</u>	@ <u>9.00</u>	<u>1,350.00</u>
<u>WFR-2 500 gal</u>	@ <u>1.00</u>	<u>500.00</u>
	@	
	@	
HANDLING <u>150 SKS</u>	@ <u>1.15</u>	<u>172.50</u>
MILEAGE <u>5¢ per sk/mile</u>		<u>435.00</u>
TOTAL		<u>2,487.50</u>

REMARKS:

SERVICE

Put 15 SKS in Rth
" 10 SKS in M.H.
Pump 500 gal WFR-2,
Followed w 125 SKS ASC
release Plug, Pump 87 1/2 BBL
Water @ 100#, Landged @ 1000'
release Pressure, Float held

DEPTH OF JOB		
PUMP TRUCK CHARGE	<u>1,130.00</u>	
EXTRA FOOTAGE	@	
MILEAGE <u>58-miles</u>	@ <u>3.50</u> <u>203.00</u>	
PLUG <u>5 1/2 Rubber</u>	@ <u>60.00</u>	
	@	
	@	
TOTAL		<u>1,393.00</u>

CHARGE TO: Russell Oil, Inc
 STREET _____
 CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

<u>5 1/2</u>		
1-Guide Shoe	@ <u>150.00</u>	
1-AFU insert	@ <u>235.00</u>	
6-Centralizers	@ <u>40.00</u> <u>240.00</u>	
1-Basket	@ <u>128.00</u>	
1-Port Collar	@ <u>150.00</u>	
TOTAL		<u>2,253.00</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 Burton Beery

Burton Beery
 PRINTED NAME

RECEIVED
 NOV 10 2003
 KCC WICHITA

ALLIED CEMENTING CO., INC.

Federal Tax ID #

11122

CONFIDENTIAL

ORIGINAL

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

SERVICE POINT: Oakley

DATE <u>9-2-03</u>	SEC. <u>20</u>	TWP. <u>8 S</u>	RANGE <u>22 W</u>	CALLED OUT	ON LOCATION <u>8:30 PM</u>	JOB START <u>10:30 PM</u>	JOB FINISH <u>10:45 PM</u>
LEASE <u>Quint</u>	WELL # <u>C-1</u>	LOCATION <u>Hill City 16-15-1/2 E 1/4 N</u>		COUNTY <u>Graham</u>	STATE <u>Kan</u>		
OLD OR NEW (Circle one) <u>NEW</u>				KCC			

CONTRACTOR Shields Drilling Co OWNER Same NOV 07 2003

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 221'

CASING SIZE 8 5/8 DEPTH 218'

TUBING SIZE 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 SKS **CONFIDENTIAL**

3% CC - 2% Ca

COMMON	<u>90 - SKS @ 8.35</u>	<u>751.50</u>
POZMIX	<u>60 - SKS @ 3.80</u>	<u>228.00</u>
GEL	<u>3 - SKS @ 10.00</u>	<u>30.00</u>
CHLORIDE	<u>5 - SKS @ 30.00</u>	<u>150.00</u>
	@	
	@	
	@	
	@	
	@	
HANDLING	<u>150 SKS @ 1.15</u>	<u>172.50</u>
MILEAGE	<u>54 per SK/mile</u>	<u>435.00</u>
		TOTAL <u>1,767.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER Walt

300 HELPER Wayne

BULK TRUCK

361 DRIVER Tarrod

BULK TRUCK

DRIVER

REMARKS:

SERVICE

Cement Did Circ

Oil Co

DEPTH OF JOB		
PUMP TRUCK CHARGE		<u>520.00</u>
EXTRA FOOTAGE	@	
MILEAGE <u>58 miles</u>	@ <u>3.50</u>	<u>203.00</u>
PLUG <u>8 5/8 Surface</u>	@	<u>45.00</u>
	@	
	@	
		TOTAL <u>768.00</u>

CHARGE TO: Russell Oil, Inc

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 Burton Beery

Burton Beery
PRINTED NAME

RECEIVED
NOV 10 2003
KCC WICHITA