

KANSAS CORPORATION COMMISSION  
 OIL & GAS CONSERVATION DIVISION  
**WELL COMPLETION FORM**  
 WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1  
 October 2008  
 Form Must Be Typed

**ORIGINAL**

OPERATOR: License # 33608  
 Name: W. D. Short Oil Co., LLC  
 Address 1: P. O. Box 729  
 Address 2: 102 S. River Rd.  
 City: Oxford State: Ks Zip: 67119 +  
 Contact Person: William D. (Don) Short, Jr.  
 Phone: (620) 455-3576  
 CONTRACTOR: License # 32854  
 Name: Gulick Drilling Co., Inc.  
 Wellsite Geologist: Joe Baker  
 Purchaser: Conoco  
 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.)

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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.: \_\_\_\_\_  
10-4-08 10-11-08 6-26-09  
 Spud Date or Date Reached TD Completion Date or Recompletion Date  
 Recompletion Date paper-KCC-log

API No. 15 - 035-24311-00-00  
 Spot Description: \_\_\_\_\_  
C \_ SW \_ SE \_ NE Sec. 19 Twp. 32 S. R. 3  East  West  
2310 Feet from  North /  South Line of Section  
990 Feet from  East /  West Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
 County: Cowley  
 Lease Name: Carson Well #: 3C  
 Field Name: Slick-Carson  
 Producing Formation: Arbuckle  
 Elevation: Ground: 1141.6 Kelly Bushing: \_\_\_\_\_  
 Total Depth: 3480 Plug Back Total Depth: \_\_\_\_\_  
 Amount of Surface Pipe Set and Cemented at: 323 Feet  
 Multiple Stage Cementing Collar Used?  Yes  No  
 If yes, show depth set: 2480 Feet  
 If Alternate II completion, cement circulated from: 3475  
 feet depth to: Surface w/ 575 <sup>sq cm</sup>  
*AIFI-Log 9/9/08*

**Drilling Fluid Management Plan**  
 (Data must be collected from the Reserve Pit)  
 Chloride content: 10000 ppm Fluid volume: 500 bbls  
 Dewatering method used: Removed Free Fluids  
 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: William D. Short, Jr.  
 Title: Resident Agent Date: 9-3-2009  
 Subscribed and sworn to before me this 30<sup>th</sup> day of September,  
20 09.  
 Notary Public: Denese A. Wilson  
 Date Commission Expires: 3-30-2013

**KCC Office Use ONLY**

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

**DENESE A. WILSON**  
 Notary Public - State of Kansas  
 My Appt. Expires 3-30-2013

Operator Name: W. D. Short Oil Co., LLC Lease Name: Carson Well #: 3C  
 Sec. 19 Twp. 32 S. R. 3  East  West County: Cowley

**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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input 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: <b>Gamma Ray/Neutron                  Cement Bond</b>	<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:70%;">Name</td> <td style="width:15%;">Top</td> <td style="width:15%;">Datum</td> </tr> <tr> <td>Layton</td> <td>2602'</td> <td>-1452</td> </tr> <tr> <td>Mississippian</td> <td>3110'</td> <td>-2262</td> </tr> <tr> <td>Simpson</td> <td>3412'</td> <td>-2266</td> </tr> <tr> <td>Arbuckle</td> <td>3416'</td> <td></td> </tr> </table>	Name	Top	Datum	Layton	2602'	-1452	Mississippian	3110'	-2262	Simpson	3412'	-2266	Arbuckle	3416'	
Name	Top	Datum														
Layton	2602'	-1452														
Mississippian	3110'	-2262														
Simpson	3412'	-2266														
Arbuckle	3416'															

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	# Sacks Used	Type and Percent Additives
Surface	12-1/4"	8-5/8"	23#	323'	Class "A"	250	3% Cal./2% Gel
Production	7-7/8"	5-1/2"	15.5#	3480'	60/40 pozmix	575	6% 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 Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
4	3449-50' CIBP @ 3447'		
2	3444-46'	75 sack Squeeze	
4	3438-39 CIBP @ 3435'		
4	3422-23'		

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TUBING RECORD: Size: <u>2-7/8"</u> Set At: <u>3410</u> Packer At: <u>none</u> Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or Enhr. <u>6-26-09</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	Oil Bbls. <u>100</u> Gas Mcf <u>1000</u> Water Bbls. <u>1000</u> Gas-Oil Ratio <u>40</u> Gravity <u>40</u>

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 <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>3422-23</u>
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**CONSOLIDATED**  
Oil Well Services, LLC

**REMIT TO**  
Consolidated Oil Well Services, LLC  
Dept. 970  
P.O. Box 4346  
Houston, TX 77210-4346

MAIN OFFICE  
P.O. Box 884  
Chanute, KS 66720  
620/431-9210 • 1-800/467-8676  
FAX 620/431-0012

INVOICE

Invoice # 226588

Invoice Date: 10/14/2008 Terms:

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W.D. SHORT OIL CO LLC  
P.O. BOX 729  
OXFORD KS 67115  
(620)455-3576

CARSON 3C  
19585  
10-11-08

Part Number	Description	Qty	Unit Price	Total
1126A	THICK SET CEMENT	175.00	17.0000	2975.00
1110A	KOL SEAL (50# BAG)	1400.00	.4200	588.00
1131	60/40 POZ MIX	400.00	11.3500	4540.00
1110A	KOL SEAL (50# BAG)	1600.00	.4200	672.00
1118A	S-5 GEL/ BENTONITE (50#)	2065.00	.1700	351.05
1123	CITY WATER	6000.00	.0140	84.00
4277	DV TOOL SIZE 5 1/2" (STA	1.00	3045.0000	3045.00
4159	FLOAT SHOE AFU 5 1/2"	1.00	328.0000	328.00
4104	CEMENT BASKET 5 1/2"	3.00	219.0000	657.00
4130	CENTRALIZER 5 1/2"	12.00	46.0000	552.00

Description	Hours	Unit Price	Total
T-63 WATER TRANSPORT (CEMENT)	7.00	112.00	784.00
445 CEMENT PUMP	1.00	925.00	925.00
445 EQUIPMENT MILEAGE (ONE WAY)	80.00	3.65	292.00
445 CEMENT PUMP	1.00	925.00	925.00
502 TON MILEAGE DELIVERY	714.67	1.20	857.60
515 TON MILEAGE DELIVERY	714.67	1.20	857.60
543 TON MILEAGE DELIVERY	714.67	1.20	857.60

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Parts:	13792.05	Freight:	.00	Tax:	799.94	AR	20090.79
Labor:	.00	Misc:	.00	Total:	20090.79		
Sublt:	.00	Supplies:	.00	Change:	.00		

Signed \_\_\_\_\_ Date \_\_\_\_\_



**CONSOLIDATED**  
Oil Well Services, LLC

**ENTERED**

TICKET NUMBER 19585  
LOCATION Eureka  
FOREMAN Troy Stockler

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

**FIELD TICKET & TREATMENT REPORT  
CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY																				
10-11-08	1916	Carson 3C				Comber																				
CUSTOMER W. D. Short Oil Company, LLC			<table border="1"> <thead> <tr> <th>TRUCK #</th> <th>DRIVER</th> <th>TRUCK #</th> <th>DRIVER</th> </tr> </thead> <tbody> <tr> <td>445</td> <td>Cliff</td> <td>452/TLR</td> <td>Ed</td> </tr> <tr> <td>515</td> <td>Chris</td> <td></td> <td></td> </tr> <tr> <td>543</td> <td>David</td> <td></td> <td></td> </tr> <tr> <td>502</td> <td>Chris</td> <td></td> <td></td> </tr> </tbody> </table>				TRUCK #	DRIVER	TRUCK #	DRIVER	445	Cliff	452/TLR	Ed	515	Chris			543	David			502	Chris		
TRUCK #	DRIVER	TRUCK #					DRIVER																			
445	Cliff	452/TLR					Ed																			
515	Chris																									
543	David																									
502	Chris																									
MAILING ADDRESS P.O. Box 729																										
CITY Oxford		STATE KS	ZIP CODE 67119																							
CITY			Customer Dr. by																							

JOB TYPE Longstring HOLE SIZE 7 7/8" HOLE DEPTH 3480 KA CASING SIZE & WEIGHT 5 1/2" used  
 CASING DEPTH 3480' KB ~~5481~~ stage TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 12.2 Stage 2 SLURRY VOL 114.81 Stage WATER gal/sk 8.0 CEMENT LEFT in CASING 0'  
 DISPLACEMENT 8481/605 DISPLACEMENT PSI 800 PSI MIX PSI 1300 PSI RATE \_\_\_\_\_

REMARKS: Safety Meeting: Ran 3480' of 5 1/2" casing. DV Tool Set @ 2480' K.B. Rig up to 5 1/2" casing.  
Break Circulation w/ 1000l Fresh Water. Mixed 175sks Thick Set Cement w/ 8" Kol-Seal /sk @ 12.5 gal.  
yield 1.73. Shut Down. wash out Pump + lines. Release Latch Down Flo. Plug. Displace w/ 8000l water.  
Final Pumping Pressure 800PSI Pump Plug to 1300PSI. Release Pressure. Drop Trip Beam  
Open DV Tool @ 1400PSI. Circulate w/ Mud Pump for 3 1/2 Hrs. 1000l Cement Slurry to Pit. Stage #2  
Break Circulation w/ 500l Fresh Water. Mixed 400sks 60/40 For-mix Cement w/ 6% Gel. 4" Kol-Seal /sk @  
12.8 gal, yield 1.60. Shut down. Wash out pumps + lines. Release closing Plug. Displace w/ 60,000l water.  
Final Pumping Pressure 800 PSI. Close DV Tool @ 1300PSI. 2480l Slurry to Pit. Job Complete.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE Stage #1	925.00	925.00
5406	80	MILEAGE	3.65	292.00
5401	1	Pump charge stage #2	925.00	925.00
1126A	175sks	Thick Set Cement → Bottom stage	17.00	2975.00
1110A	1400"	Kol-Seal 8"/sk	.42"	588.00
1131	400sks	60/40 For-mix Cement	11.35	4540.00
1110A	1600"	Kol-Seal 4"/sk	.42"	672.00
1118A	2065"	Gel 6%	.17"	351.05
5407A	26.8 Ton	Ton-mileage Bulk Trucks	1.20	2572.80
5501C	7 hrs.	Water Transport	112.00	784.00
1123	6000gal	City Water	14.00/gal	84.00
4277	1	5 1/2" DV Tool (stage collar w/ Plug)	3045.00	3045.00
4159	1	5 1/2" AFU Float shoe w/ (Latch Down Assy.)	328.00	328.00
4104	3	5 1/2" Cement Baskets	219.00	657.00
4130	12	5 1/2" Centralizers	46.00	552.00
		Thank You!		
			Sub Total	19290.85
			5.8% SALES TAX	799.94
			ESTIMATED TOTAL	20,090.79

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2010 088

AUTHORIZATION witnessed by mike TITLE Co-Rep DATE \_\_\_\_\_

Ravin 3737



**CONSOLIDATED**  
Oil Well Services, LLC

**REMIT TO**  
Consolidated Oil Well Services, LLC  
Dept. 970  
P.O. Box 4346  
Houston, TX 77210-4346

MAIN OFFICE  
P.O. Box 884  
Chanute, KS 66720  
620/431-9210 • 1-800/467-8676  
FAX 620/431-0012

INVOICE

Invoice # 226369

Invoice Date: 10/08/2008 Terms:

Page 1

W.D. SHORT OIL CO LLC  
P.O. BOX 729  
OXFORD KS 67115  
(620)455-3576

CARSON #36  
19533  
10-05-08

Part Number	Description	Qty	Unit Price	Total
1104S	CLASS "A" CEMENT (SALE)	250.00	13.5000	3375.00
1102	CALCIUM CHLORIDE (50#)	700.00	.7500	525.00
1118A	S-5 GEL/ BENTONITE (50#)	450.00	.1700	76.50
1107	FLO-SEAL (25#)	60.00	2.1000	126.00

  

Description	Hours	Unit Price	Total
485 CEMENT PUMP (SURFACE)	1.00	725.00	725.00
485 EQUIPMENT MILEAGE (ONE WAY)	80.00	3.65	292.00
515 TON MILEAGE DELIVERY	940.00	1.20	1128.00

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Parts:	4102.50	Freight:	.00	Tax:	237.95	AR	6485.45
Labor:	.00	Misc:	.00	Total:	6485.45		
Sublt:	.00	Supplies:	.00	Change:	.00		

Signed \_\_\_\_\_ Date \_\_\_\_\_

BARTLESVILLE, OK  
918/338-0808

ELDORADO, KS  
316/322-7022

EUREKA, KS  
620/583-7664

GILLETTE, WY  
307/686-4914

McALESTER, OK  
918/426-7667

OTTAWA, KS  
785/242-4044

THAYER, KS  
620/839-5269

WORLAND, WY  
307/347-4577



**CONSOLIDATED**  
Oil Well Services, LLC

**ENTERED**

TICKET NUMBER 19533  
LOCATION Eureka  
FOREMAN Steve Neal

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10-5-08	7876	Garson #3C	19	32	3E	Cherokee
CUSTOMER W.D. Short Oil Company, LLC			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS P.O. Box 789			485	Alan		
CITY Oxford			513	Jim		
STATE KS		ZIP CODE 67119				

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 3241' CASING SIZE & WEIGHT 8 1/2" 24#  
 CASING DEPTH 323' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 20'  
 DISPLACEMENT 19 1/4 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety Meeting Rig up to 8 1/2" casing. Break Circulation with Fresh water. Pump 10 bbls Fresh water 10 bbls Dye water. Mix 230 sks Class A Cement w/ 2% Cels 2% Gel + 4 1/2" Flo-Cel per/sk. Displace with 19 1/4 bbls Fresh water. Shut well in. Good Cement RETURNS to surface 4 bbls Slurry to pit. Job complete Rig down

*Thank You*

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	725.00	725.00
5406	80	MILEAGE	3.65	292.00
11015	250 sks	Class A Cement	13.60	3275.00
1102	700*	Cel 2 3/4	.75	525.00
1118A	450*	Gel 2%	.17	76.50
1107	60*	Flo-Cel	2.10	126.00
5407A	11.75 Tons	80 miles Bulk Truck	1.20	1128.00
			<b>Sub Total</b>	<b>6247.50</b>
			SALES TAX	337.95
			ESTIMATED TOTAL	6485.45

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Revin 3737

AUTHORIZATION [Signature] TITLE 006369 DATE \_\_\_\_\_