

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 # 5120  
Name: Range Oil Company, Inc.  
Address 1: 125 N. Market, Suite 1120  
Address 2: \_\_\_\_\_  
City: Wichita State: KS Zip: 67202 + \_\_\_\_\_  
Contact Person: John Washburn  
Phone: ( 316 ) 265-6231  
CONTRACTOR: License # 30141  
Name: Summit Drilling Co.  
Wellsite Geologist: Roger Martin  
Purchaser: \_\_\_\_\_

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 (Core, Expl., 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  
 Conv. to GSW  
 Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
 Commingled    Permit #: \_\_\_\_\_  
 Dual Completion    Permit #: \_\_\_\_\_  
 SWD    Permit #: \_\_\_\_\_  
 ENHR    Permit #: \_\_\_\_\_  
 GSW    Permit #: \_\_\_\_\_  
6-24-11    7-1-11    8-11-11  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date       Recompletion Date

API No. 15 - 015-23,904-0000  
Spot Description: \_\_\_\_\_  
Approx. NW NW SW Sec. 12 Twp. 24 S. R. 4  East  West  
2,310 Feet from  North /  South Line of Section  
410 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE     NW     SE     SW  
County: Butler  
Lease Name: Sommers B Well #: 1  
Field Name: \_\_\_\_\_  
Producing Formation: \_\_\_\_\_  
Elevation: Ground: 1442 Kelly Bushing: 1452  
Total Depth: 2528' Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at: 219 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**  
(Data must be collected from the Reserve Pit)  
Chloride content: 1000 ppm Fluid volume: 440 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 #: \_\_\_\_\_  
**RECEIVED**  
**SEP 01 2011**  
**KCC WICHITA**

**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: John M. Washburn  
Exploration Manager    8-31-11

**KCC Office Use ONLY**

Letter of Confidentiality Received  
Date: \_\_\_\_\_  
 Confidential Release Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution    Alt 1-06g - 9/2/11

Operator Name: Range Oil Company, Inc. Lease Name: Sommers B Well #: 1  
 Sec. 12 Twp. 24 S. R. 4  East  West County: Butler

**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 checked="" type="checkbox"/> Yes <input 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 Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run: <u>Dual Porosity + Induction</u> DST (1) 2436' to 2477' 30-30-30-30 Rec: 80' oil spotted mud IFP 144-170 ISIP 712 FFP 145-82 FSIP 650 T:102F DST (2) 2437' to 2481' 30-30-60-60 Rec: 80' mud IFP 31-42 ISIP 658 FFP 47-52 FSIP 668 T:100F	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input 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>Heebner</td> <td>1561'</td> <td>-109</td> </tr> <tr> <td>Lansing</td> <td>1831'</td> <td>-379</td> </tr> <tr> <td>KC</td> <td>2105'</td> <td>-653</td> </tr> <tr> <td>Mississippian chert</td> <td>2463'</td> <td>-1011</td> </tr> <tr> <td>RTD</td> <td>2528'</td> <td>-1076</td> </tr> </table>	Name	Top	Datum	Heebner	1561'	-109	Lansing	1831'	-379	KC	2105'	-653	Mississippian chert	2463'	-1011	RTD	2528'	-1076
Name	Top	Datum																	
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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	222'	common	180	3% CaCl
Production	7 7/8"	4 1/2"	10.5	2522'	Thick-set	150	

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 (Amount and Kind of Material Used)	Depth
two	2464' to 2470'	150 gallons (15% MCA)	2464-2470
		RECEIVED	
		SEP 01 2011	
		KCC WICHITA	

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 _____

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 type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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**CONSOLIDATED**  
Oil Well Services, LLC

242634

TICKET NUMBER 31350

LOCATION Eureka

FOREMAN Rick Ledford

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

**FIELD TICKET & TREATMENT REPORT**

**CEMENT** API\* 15-015-23904

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-2-11	6942	Sommers B * 1	12	24	4E	Butler
CUSTOMER			TRUCK #	DRIVER	TRUCK #	DRIVER
Range Oil Company Inc.			520	Cliff		
MAILING ADDRESS			543	Allen B.		
125 N. Market St 1120			457	Chris B.		
CITY	STATE	ZIP CODE				
Wichita	KS	67202				

JOB TYPE L/S 0 HOLE SIZE 7 7/8" HOLE DEPTH 2530' CASING SIZE & WEIGHT 4 1/2" 10.5 lb/ft  
 CASING DEPTH 2521.39 R.B. DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER PBTD 2516.35  
 SLURRY WEIGHT 18.4" SLURRY VOL 47 cu WATER gal/sk 9.0 CEMENT LEFT in CASING 5.0"  
 DISPLACEMENT 90 bbl DISPLACEMENT PSI 700 PSI 1200 bump plug RATE \_\_\_\_\_

REMARKS: Safety meeting. Rig up to 4 1/2" casing. Break circulation w/ 5 bbl fresh water pump 15 bbl metasilicate pre-flush, 5 bbl water spacer. Mixed 150 sacks thickset cement w/ 5" Rot-seal /sk @ 13.6"/gal, yield 1.25. Washout pump + lines, shut down, release latch down plug. Displace w/ 40 bbl fresh water. Final pump pressure 700 PSI. Bump plug to 1200 PSI. Release pressure. Float + plug held. Good circulation @ 911 times while cementing. Job complete. Rig down.

"Thank You"

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE JUL 21 2011	975.00	975.00
5406	40	MILEAGE	4.00	160.00
1126A	150 SKS	thickset cement	18.30	2745.00
1110A	250*	5" Rot-seal /sk	.44	330.00
1111A	100*	metasilicate pre-flush	1.90	190.00
5407A	8.25	ton mileage bank tax	1.26	415.80
5502C	4 hrs	80 BW UAC. TEL	90.00	360.00
1123	3000 gals	city water	15.60/1000	46.80
4453	1	4 1/2" latch down plug	232.00	232.00
4226	1	4 1/2" AFU insert float valve	161.00	161.00
4129	6	4 1/2" x 7 7/8" centralizers	42.00	252.00
			Subtotal	5867.60
			SALES TAX (6.55%)	259.20
			ESTIMATED TOTAL	6126.80

Revin 3737

AUTHORIZATION Gay J Ledford TITLE X DATE \_\_\_\_\_

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form



**CONSOLIDATED**  
Oil Well Services, LLC

**ENTERED**

TICKET NUMBER 30680

LOCATION Eureka

FOREMAN STEVEN NEED

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

**FIELD TICKET & TREATMENT REPORT**

**CEMENT API 15-015-23904**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6-25-11	6943	Sommers B-1	18	24S	4E	Butler
CUSTOMER			TRUCK #			
Range Oil			DRIVER			
MAILING ADDRESS			TRUCK #			
125 N Market Suite 1120			DRIVER			
CITY			STATE			
Wichita			KS			
STATE			ZIP CODE			
KS			67202			

JOB TYPE Surface 0 HOLE SIZE 12 1/4 HOLE DEPTH 224' CASING SIZE & WEIGHT 8 3/8  
 CASING DEPTH 207' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 14.5" SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 20'  
 DISPLACEMENT 12 3/4 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety Meeting: Rig up to 8 3/8 casing with head & manifold.  
Break circulation with fresh water. Pump 10 bbls ahead mix 135 sks  
Class A cement with 3% Cacl2, 2% Gel & 1/4" Flo-Cele perisk at 14.5"  
Shutdown. Release plug. Displace with 12 3/4 bbls fresh water.  
Shut well in. Good cement returns to surface 10 bbl slurry to  
pin. Job complete Rig down

*Thank you*

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	775.00	775.00
5406	40	MILEAGE	4.00	160.00
11045	135 sks	Class A Cement	14.25	1923.75
1102	380#	Cacl2 3%	1.70	266.00
1118B	250#	Gel 2%	1.80	50.00
1107	34#	Flo-Cele 1/4" perisk	2.22	75.48
5407	6.35 Ton	Ton Mileage Bulk Truck	MIL	330.00
4432	1	8 3/8 Wooden Plug	80.00	80.00
4132	2	8 3/8 Centralizer	69.00	138.00
SubTotal				3798.23
SALES TAX				165.98
ESTIMATED TOTAL				3964.16

Ravin 3737

AUTHORIZATION 2 Dan Cox TITLE \_\_\_\_\_ DATE \_\_\_\_\_

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.