

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 # 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 Company
 Wellsite Geologist: Roger Martin
 Purchaser: Coffeyville Resources LLC
 Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW
 Gas ENHR SIGW
 CMI (Coal Bed Methane) Temp. Abdl.
 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.: _____
11-16-09 11-21-09 12-17-09
 Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - 015-23,843 -0000
 Spot Description: _____
NW SW NW Sec. 26 Twp. 24 S. R. 4 East West
1695 Feet from North / South Line of Section
330 Feet from East / West Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
 County: Butler
 Lease Name: Phillips Well #: 4
 Field Name: _____
 Producing Formation: Mississippian
 Elevation: Ground: 1383' Kelly Bushing: 1393'
 Total Depth: 2652' Plug Back Total Depth: _____
 Amount of Surface Pipe Set and Cemented at: 222 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/ _____ sq cm.

Drilling Fluid Management Plan AH I Nur 1-5-10
 (Data must be collected from the Reserve Pit)
 Chloride content: 1,200 ppm Fluid volume: 350 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: John M. Washburn
 Title: Exploration Manager Date: 12-30-09
 Subscribed and sworn to before me this 30th day of December
20 09
 Notary Public: Peggy L. Sailor
 Date Commission Expires: _____
 PEGGY L. SAILOR
 Notary Public - State of Kansas
 My Appt. Expires December 8, 2011

*NO. 650 TRT. REC'D.
 KCC Office Use ONLY
 Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

RECEIVED
 DEC 31 2009
 KCC WICHITA

Operator Name: Range Oil Company, Inc. Lease Name: Phillips Well #: 5
 Sec. 26 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 copy of all Electric Wireline 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 <i>(Submit Copy)</i> List All E. Logs Run: Dual Porosity & Dual Induction	<input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample Formation (Top), Depth and Datum <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>Heebner</td> <td>1594</td> <td>-180</td> </tr> <tr> <td>Lansing</td> <td>1872</td> <td>-458</td> </tr> <tr> <td>Kansas City</td> <td>2156</td> <td>-742</td> </tr> <tr> <td>BKC</td> <td>2313</td> <td>-899</td> </tr> <tr> <td>Cherokee</td> <td>2522</td> <td>-1108</td> </tr> <tr> <td>Mississippian chert</td> <td>2587</td> <td>-1173</td> </tr> <tr> <td>RTD</td> <td>2650</td> <td>-1236</td> </tr> </table>	Name	Top	Datum	Heebner	1594	-180	Lansing	1872	-458	Kansas City	2156	-742	BKC	2313	-899	Cherokee	2522	-1108	Mississippian chert	2587	-1173	RTD	2650	-1236
Name	Top	Datum																							
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RTD	2650	-1236																							

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
Surface	12 1/4	8 5/8	24#	219'	common	125	3% CaCl
Production	7 7/8	4 1/2	10.5#	2646'	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
three	2588' to 2602'	250 gallons acid (15% MCA)	2588' to
		1250 gallons acid (MCA & FE)	2602'

TUBING RECORD:		Size: <u>2 3/8"</u>	Set At: <u>2636'</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SMD or Enhr. <u>12-22-09</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>12.0</u>	Gas Mcf	Water Bbls. <u>45.60</u>	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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>2588" to 2602"</u>
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DEC 31 2009
KCC-WICHITA



CONSOLIDATED
Oil Well Services, LLC



ENTERED

TICKET NUMBER 23794
LOCATION EUREKA
FOREMAN Kevin McCoy

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
11-23-09	6942	Phillips # 4	26	245	4E	Butler
CUSTOMER			Summit Drly. Co.			
RANGE OIL Company, INC.			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS			445	Justin		
125 N. MARKET Ste 1120			479	John		
CITY			515	CHRIS		
Wichita			436	SHANNON		
STATE						
KS						
ZIP CODE						
67202						

JOB TYPE Longstring HOLE SIZE 7 7/8 HOLE DEPTH 2652' KB CASING SIZE & WEIGHT 4 1/2 10.5" New
 CASING DEPTH 2655' DRILL PIPE _____ TUBING _____ OTHER PBTD 2649'
 SLURRY WEIGHT 13.6-13.4 SLURRY VOL 43 BBL WATER gal/sk 2.0-9.0 CEMENT LEFT in CASING 6.3'
 DISPLACEMENT 42.8 BBL DISPLACEMENT PSI 600 PSI 1000 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 75 sks 60/40 Pozmix Cement
w/ 4% Gel, 1% CaCl2, 4" Kol-Seal /sk @ 13.6" /gal, yield 1.48. Tail in w/ 75 sks Thick Set
Cement w/ 4" Kol-Seal /sk @ 13.4" /gal, yield 1.75. Shut down, wash out Pump & Lines.
Release Plug. Displace w/ 42.8 BBL fresh water. FINAL Pumping Pressure 600 Psi. Bump Plug to
1000 Psi. wait 2 minutes. Release Pressure. Float Held. Good CIRCULATION @ ALL times while
Cementing. Job Complete. Rig down.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	870.00	870.00
5406	40	MILEAGE	3.45	138.00
1131	75 sks	60/40 Pozmix Cement	10.70	802.50
1118 A	260 "	Gel 4% } Lead Cement	.16 *	41.60
1102	65 "	CaCl2 1%	.71 *	46.15
1110 A	300 "	Kol-Seal 4" /sk	.39 *	117.00
1126 A	75 sks	THICK Set Cement } TAIL Cement	16.00	1200.00
1110 A	300 "	Kol-Seal 4" /sk	.39 *	117.00
5407 A	7.35 tons	40 miles Bulk TRUCKS	1.16	341.04
5502 C	5 Hrs	80 BBL VAC TRUCK	94.00	470.00
1123	3000 gals	City water	14.00/1000	42.00
1111 A	100 "	Metasilicate Pre Flush	1.70 *	170.00
4404	1	4 1/2 Top Rabbee Plug	43.00	43.00
4226	1	4 1/2 AFU insert	145.00	145.00
4129	4	4 1/2 x 7 7/8 Centralizers	38.00	152.00
4103	1	4 1/2 Cement Basket	196.00	196.00
			Sub Total	4891.29
			SALES TAX 5.3%	162.84
			ESTIMATED TOTAL	5054.13

Ravin 3737

AUTHORIZATION Ray Hood TITLE Engineer DATE _____
 THANK YOU 232084



CONSOLIDATED
Oil Well Services, LLC

ENTERED

TICKET NUMBER 23800
LOCATION Eureka
FOREMAN Steve Mead

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
11-17-09	6942	Phillip #4	26	24S	4E	Butler
CUSTOMER			TRUCK #	DRIVER	TRUCK #	DRIVER
Range Oil Company Inc			485	Alan		
MAILING ADDRESS			543	Dave		
125 N Market St. 1120			479	John		
CITY	STATE	ZIP CODE				
Wichita	Ks	67202				

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 224' CASING SIZE & WEIGHT 8 3/8
 CASING DEPTH 215' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 20'
 DISPLACEMENT 12.4 bbl DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety Meeting: Rig up to 8 3/8 casing. Break circulation w/ 8 bbl fresh water. Mix 120 sks Class A cement w/ 3% CaCl₂ 2% Gel & 1/4" FloGel per/sk at 5" per gal. Shut down Release Plug. Displace with 12.4 bbl fresh water. Lost circulation during displacement. Shut well in. Had cement to surface before we lost circulation. Wait on cement a 1" pipe. Tag cement at 45' spot 50 sks at 50'. Let set 1 hour. Pump 50 sks cement down back side. Hole stay full.
 Job complete Rig down.

Thank you

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54915		PUMP CHARGE	680.00	680.00
		MILEAGE N/C on location		0
11045	120 sks	Class A Cement	12.70	1651.00
1102	365 #	CaCl ₂ 3%	.71	259.15
1118A	245 #	Gel 2%	.76	39.20
1107	32 #	FloGel 1/4" per/sk	1.97	63.04
5407	6.11 Ton	Tan mileage bulk Truck (# 543)	N/C	296.00
11045	100 sks	Class A Cement	12.70	1270.00
1102	280 #	CaCl ₂ 3%	.71	198.80
1118A	180 #	Gel 2%	.76	88.80
5407	4.7 Tons	Tan mileage bulk Truck (# 479)	N/C	296.00
RECEIVED				
DEC 31 2009				
KCC WICHITA			Subtotal	4781.99
			SALES TAX	180.04
			ESTIMATED TOTAL	4962.03

Form 3737

232035

AUTHORIZATION Witness by Dan Cox TITLE Tool Pusher DATE _____