

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
October 2008
Form Must Be Typed

10/8/10

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: Tom Blair
Purchaser: _____

Designate Type of Completion:
 New Well _____ Re-Entry _____ Workover _____
_____ Oil _____ SWD _____ SLOW
_____ 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.: _____
9-23-09 9-29-09 9-29-09
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - 015 - 23,838 - 00 - 00
Spot Description: _____
_____ N/2 - SW - NW Sec. 17 Twp. 24 S. R. 4 East West
1640 Feet from North / South Line of Section
725 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Butler
Lease Name: HCF Well #: 1
Field Name: King
Producing Formation: _____
Elevation: Ground: 1361 Kelly Bushing: 1371
Total Depth: 2560' Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 223 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.
PA-Dlg-10/14/09

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: 1200 ppm Fluid volume: 300 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.: _____

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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: 10-8-09
Subscribed and sworn to before me this 8th day of October,
2009.
Notary Public: Peggy L. Sailor
Date Commission Expires: _____
PEGGY L. SAILOR
Notary Public - State of Kansas
My Appt. Expires December 8, 2011

KCC Office Use ONLY
 Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
RECEIVED

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Operator Name: Range Oil Company, Inc. Lease Name: H C F Well #: 1
 Sec. 17 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: <u>None</u> DST (1) 2491' to 2540' 30-30-60-60 Rec: 100' mud (trace oil) + 120' MCW (54% mud) + 280' SW IFP 59-162 ISIP 673 FFP 168-243 FSIP 684 T: 101 F	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td><input type="checkbox"/> Log</td> <td>Formation (Top), Depth and Datum</td> <td><input checked="" type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>Heebner</td> <td>1597'</td> <td>-226</td> </tr> <tr> <td>Lansing</td> <td>1868'</td> <td>-497</td> </tr> <tr> <td>Kansas City</td> <td>2143'</td> <td>-772</td> </tr> <tr> <td>BKC</td> <td>2297'</td> <td>-926</td> </tr> <tr> <td>Erosional Miss</td> <td>2528'</td> <td>-1157</td> </tr> <tr> <td>Miss chert</td> <td>2533'</td> <td>-1162</td> </tr> <tr> <td>RTD</td> <td>2560'</td> <td>-1189</td> </tr> </table>	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input checked="" type="checkbox"/> Sample	Name	Top	Datum	Heebner	1597'	-226	Lansing	1868'	-497	Kansas City	2143'	-772	BKC	2297'	-926	Erosional Miss	2528'	-1157	Miss chert	2533'	-1162	RTD	2560'	-1189
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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"	23.0	224'	common	125	3% CaCl
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ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose: ___ Perforate ___ Protect Casing ___ Plug Back TD ___ Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
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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
		RECEIVED OCT 13 2009 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 <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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CONSOLIDATED
Oil Well Services, LLC

 **ENTERED**

TICKET NUMBER 23604
LOCATION EPUBKA
FOREMAN Gene Ledford

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
9-29-09	6942	HCF # 2	17	24	4E	Butler
CUSTOMER			TRUCK #		DRIVER	
Mailing Address			TRUCK #		DRIVER	
CITY			TRUCK #		DRIVER	
STATE			TRUCK #		DRIVER	
ZIP CODE			TRUCK #		DRIVER	

Range Oil Company Inc. Summit 0216
125 N Market St #20
Wichita KS 67202

JOB TYPE P.T.A HOLE SIZE _____ HOLE DEPTH 2560' CASING SIZE & WEIGHT _____
CASING DEPTH _____ DRILL PIPE 3 1/2" TUBING _____ OTHER _____
SLURRY WEIGHT 14 # SLURRY VOL _____ WATER gal/sk 2.0 CEMENT LEFT in CASING _____
DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting. Rig up to drill pipe plugging rods as follows:

35 SKS @ 260'
25 SKS @ 60' to surface

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"Thank You"

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54057	1	PUMP CHARGE	870.00	870.00
5406	40	MILEAGE	3.45	138.00
1131	60 SKS	60/40 Premix cement	10.70	642.00
1118A	205 #	470 gal	.16	32.80
5407	2.6	tax mileage bank fee	91.60	236.00
			Subtotal	1978.80
			SALES TAX	35.17
			ESTIMATED TOTAL	2014.57

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AVIN 3737 231390 TITLE Talpa / Summit 0216 DATE _____
AUTHORIZATION Witnessed by Joe Platter

0 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	
9-24-09	6942	HCF #2	17	24	4E	Butler	
CUSTOMER <u>Range Oil Company Inc.</u>			Summary call				
MAILING ADDRESS <u>125 N. Market St 1120</u>							
CITY <u>Wichita</u>		STATE <u>KS</u>	ZIP CODE <u>67202</u>	TRUCK #	DRIVER	TRUCK #	DRIVER
				<u>463</u>	<u>Shannon</u>		
				<u>515</u>	<u>Chris</u>		

JOB TYPE surface HOLE SIZE 12 1/4" HOLE DEPTH 228' CASING SIZE & WEIGHT 8 5/8"
 CASING DEPTH 226' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 15" SLURRY VOL 30 bbl WATER gal/sk 6.5 CEMENT LEFT in CASING 20'
 DISPLACEMENT 13' AW DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting- Rig up to 8 5/8" casing. Break circulation w/ 10 bbl fresh water. Mixed 125 sacks class "A" cement w/ 3% callz, 2% gel + 1/4" floccle @ 15# per sack. yield 1.35 shut down, release 8 5/8" wooden plug. Displace w/ 13' bbl fresh water. shut casing in w/ good cement returns to surface. 12 bbl slurry to pit. Job complete. Rig down.

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ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	680.00	680.00
5406	40	MILEAGE	3.45	138.00
11045	125 sacks	class "A" cement	12.70	1587.50
1102	3.50 #	3% callz	.71	248.50
1118A	235 #	2% gel	.16	37.60
1107	30 #	1/4" floccle per sack	1.97	59.10
5407	5.82	tan-mileage bulk tax	n/c	296.00
4132	2	8 5/8" centralizers	63.00	126.00
4432	1	8 5/8" wooden plug	73.00	73.00
			Subtotal	3245.70
			SALES TAX	112.98
			ESTIMATED TOTAL	3358.68

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231350

Ravin 3737

AUTHORIZATION Witnessed by Dan Cox

TITLE Ladford

DATE _____