

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

1-12-14

Form ACO-1
June 2009

Form Must Be Typed
Form must be Signed
All blanks must be Filled

CONFIDENTIAL

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: Sean Deenihan
Purchaser: Coffeyville Resources LLC

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 #: _____
11-18-11 11-24-11 1-2-12
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 015-23,928 -0000
Spot Description: _____
NE SW SE Sec. 7 Twp. 24 S. R. 4 East West
970 Feet from North / South Line of Section
1,800 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Butler
Lease Name: Dow Well #: 2
Field Name: Mellor East
Producing Formation: Mississippian
Elevation: Ground: 1321 Kelly Bushing: 1331
Total Depth: 2484 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 234 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/ _____ cmt.

RECEIVED
JAN 13 2012
Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: 1100 ppm Fluid volume: 450 bbls
Dewatering method used: evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License #: _____
Quarter CONFIDENTIAL Sec. _____ Twp. _____ S. R. _____ East West
County: JAN 12 2014 Permit #: _____
KCC

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
Title: Exploration Manager Date: 1-12-12

KCC Office Use ONLY

Letter of Confidentiality Received
Date: 1/12/12 - 1/12/14
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: MS Date: 1-12-12

Operator Name: Range Oil Company, Inc. Lease Name: Dow Well #: 2
 Sec. 7 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: <u>None</u> DST (1) 2445-2484 30-30-60-55 Rec: 1' FO + 25' OCM (7% OIL + 93% WATER) IFP 60-61 ISIP 393 FFP 59-55 FSIP 438 T:93 F	<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>1554</td> <td>-223</td> </tr> <tr> <td>Lansing</td> <td>1821</td> <td>-490</td> </tr> <tr> <td>Kansas City</td> <td>2088</td> <td>-757</td> </tr> <tr> <td>BKC</td> <td>2248</td> <td>-917</td> </tr> <tr> <td>Mississippian</td> <td>2480</td> <td>-1149</td> </tr> <tr> <td>RTD</td> <td>2486</td> <td>-1155</td> </tr> </table>	Name	Top	Datum	Heebner	1554	-223	Lansing	1821	-490	Kansas City	2088	-757	BKC	2248	-917	Mississippian	2480	-1149	RTD	2486	-1155
Name	Top	Datum																				
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RTD	2486	-1155																				

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	234	common	135	3% CaCl
Production	7 7/8"	4 1/2"	10.5	2482	Thickset	125	

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
	Open hole 2482' to 2486'	1500 gallons acid (15% MCA)	2482-2486
		Frac with 50 sacks sand + 197 bbls water	
RECEIVED			
JAN 13 2012			
KCC WICHITA			

TUBING RECORD:	Size: <u>2 3/8"</u>	Set At: <u>1224</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR: <u>1-2-12</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) <u>CONFIDENTIAL</u>				
Estimated Production Per 24 Hours	Oil Bbls. <u>2.2</u>	Gas Mcf	Water Bbls. <u>100</u>	Oil Rate <u>JAN 12 2014</u>	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 checked="" 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: <u>2482' - 2486'</u>
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CONSOLIDATED
Oil Well Services, LLC

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



ENTERED

FIELD TICKET & TREATMENT REPORT

CEMENT API # 15-23928

TICKET NUMBER 33380
LOCATION Eureka, KS
FOREMAN Shannon Feck

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11-18-11	6942	Water Dow # 2	7	24S	4E	Butler
CUSTOMER <u>Range oil</u>			Summit DRL6			
MAILING ADDRESS			TRUCK #	DRIVER	TRUCK #	DRIVER
125 N. Market Suite 1120			520	John S		
CITY STATE ZIP CODE			515	Calin		
Wichita KS 67202						

JOB TYPE Surface HOLE SIZE 12 1/4" HOLE DEPTH 245' CASING SIZE & WEIGHT 8 5/8"
 CASING DEPTH 222 6 1/2 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.5-15# SLURRY VOL 33 Bbl WATER gal/sk 6.5 CEMENT LEFT in CASING 20'
 DISPLACEMENT 13 1/2 DISPLACEMENT PSI 100 MIX PSI 100 RATE 5 BPM

REMARKS: Rig up to 8 5/8" casing with head & manifold. Break circulation with 10 Bbl water. Mixed 135 sks Class "A" Cement with 3% Calcium, 2% Gel & 1/4# Floccle/sk @ 14.5-15#/gal. Shut down & release plug & displace with 13 1/2 Bbl water & shut well in. Good circulation @ all times 10 Bbl Slurry to pit. Job Complete.

"Thanks Shannon & crew"

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 #	Calcium @ 3%	.70	266.00
1118 B	250 #	Gel @ 2%	.20	50.00
1107	34 #	Floccle @ 1/4#/sk	2.22	75.48
5407	6.35 Tons	Ton mileage bulk truck	M/C	330.00
4432	1	8 5/8" Wooden Plug	80.00	80.00
4132	2	8 5/8" Centralizers	69.00	138.00
<div style="border: 2px solid black; padding: 5px; display: inline-block;"> RECEIVED NOV 28 2011 KCC WICHITA </div>				
<div style="border: 2px solid black; padding: 5px; display: inline-block;"> RECEIVED JAN 13 2012 KCC WICHITA </div>				
<div style="border: 2px solid black; padding: 5px; display: inline-block;"> CONFIDENTIAL JAN 12 2014 KCC </div>				
			Subtotal	3798.23
			SALES TAX 6.55%	165.98
			ESTIMATED TOTAL	3964.16

Ravin 3737

246025

AUTHORIZATION [Signature] 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.



CONSOLIDATED
Oil Well Services, LLC



ENTERED

TICKET NUMBER 33358

LOCATION Eureka

FOREMAN Rick Ledford

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

FIELD TICKET & TREATMENT REPORT

CEMENT

PI# 15-015-23928

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11/23/11	6942	Dow # 2	7	243	4E	Butler
CUSTOMER <u>Range Oil Company Inc.</u>			Summit Orly			
MAILING ADDRESS <u>125 N. Market st 1120</u>						
CITY <u>Wichita</u>	STATE <u>KS</u>	ZIP CODE <u>67202</u>				
TRUCK #						
			<u>520</u>	<u>John</u>		
			<u>479</u>	<u>Mark</u>		
			<u>637</u>	<u>Chris M.</u>		

JOB TYPE C/S 0 HOLE SIZE 7 7/8" HOLE DEPTH 2484' CASING SIZE & WEIGHT 4 1/2" 10.5 lb/ft
 CASING DEPTH 2482 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.6* SLURRY VOL 38 Bbl WATER gal/sk 9.0 CEMENT LEFT in CASING 0'
 DISPLACEMENT 39.8 Bbl DISPLACEMENT PSI 700 ~~PSI~~ 1200 bump plus 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 125 sacks thickset cement w/ 5* Katsral/sk @ 13.6*/gal. yield 1.75. Washout pump + lines, shut down. Relax plug. Displace w/ 39.8 Bbl fresh water. Final pump pressure 700 PSI. Bump plus to 1200 PSI. Release pressure, float + plug held. Good circulation @ all times while cementing. Job complete. Rig down.

Note: Set packer shoe @ 1300 PSI.

"Thank You"

ACCOUNT CODE	QUANTITY of UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	975.00	975.00
5406	40	MILEAGE	4.00	160.00
1126A	125 sacks	thickset cement	18.30	2287.50
1108A	625*	5* Katsral/sk	.44	275.00
1111A	100*	metasilicate pre-flush	1.90	190.00
5407A	6.88	ten mileage bulk tax	1.26	346.75
5502C	4 hrs	80 Bbl VAC. TRK	90.00	360.00
1123	3000 gals	city water	15.60/1000	46.80
4404	1	4 1/2" top rubber plug	45.00	45.00
4129	4	4 1/2" x 7 7/8" centralizers	42.00	168.00
4253	1	Type A packer shoe	1584.00	1584.00
CONFIDENTIAL				
JAN 12 2014				
KCC			subtotal	6438.05
6.55%			SALES TAX	301.06
			ESTIMATED TOTAL	6739.11

Revin 3737

AUTHORIZATION

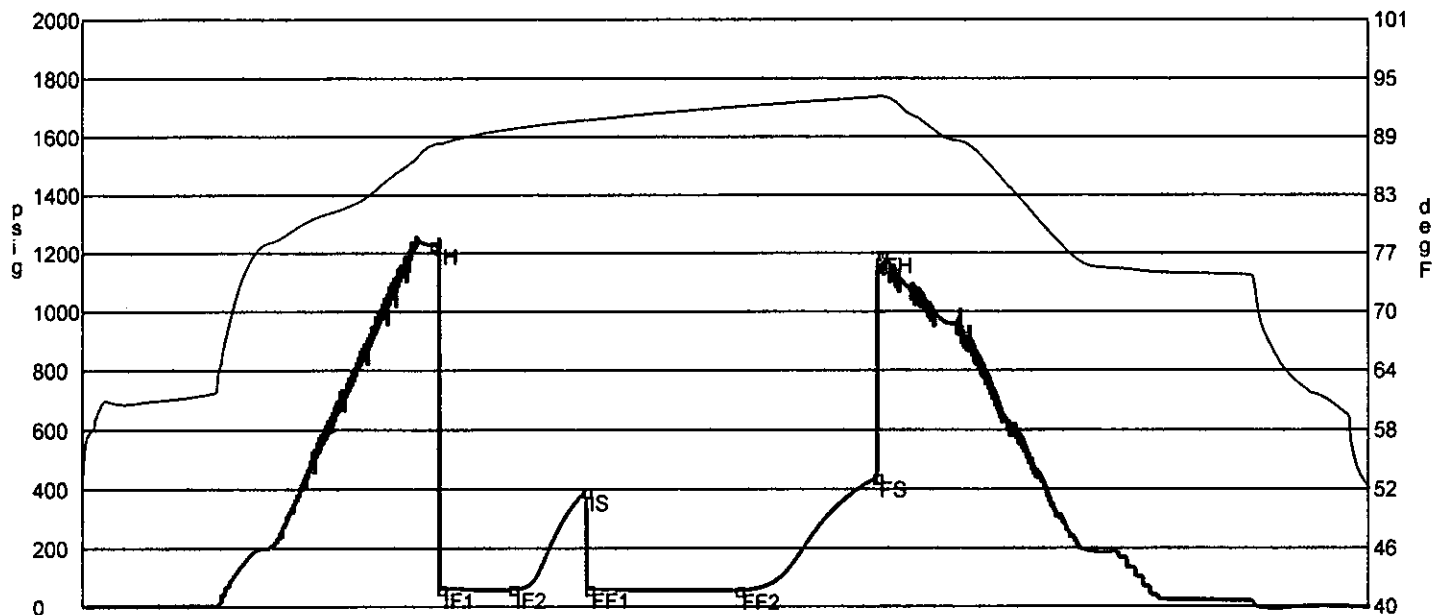
Bry L Reed

TITLE

046109

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.



	Date	Time	Pressure	Temp	
IH	11/23/2011 1:43:50 PM	2.330556	1227.967	87.983	Initial Hydro-static
IF1	11/23/2011 1:46:40 PM	2.377778	60.069	88.069	Initial Flow (1)
IF2	11/23/2011 2:15:30 PM	2.858333	60.631	89.616	Initial Flow (2)
IS	11/23/2011 2:44:50 PM	3.347222	393.112	90.571	Initial Shut-In
FF1	11/23/2011 2:46:00 PM	3.366667	59.162	90.56	Final Flow (1)
FF2	11/23/2011 3:46:10 PM	4.369444	54.878	91.956	Final Flow (2)
FS	11/23/2011 4:41:30 PM	5.291667	438.145	92.942	Final Shut-In
FH	11/23/2011 4:43:20 PM	5.322222	1195.4	93.048	Final Hydro-static

GAS FLOWS

Min Into IFP Min Into FFP Gas Flows Pressure Choke

Company **Range Oil Co., Inc.**
 Address **125 North Market, Suite 1120**
 CSZ **Wichita, KS 67202**
 Attn. **Sean Deenihan**

Lease Name **Dow**
 Lease # **2**
 Legal Desc **NE SW SE**
 Section **7**
 Township **24S**
 County **Butler**
 Drilling Cont **Summit Drilling #1**

Job Ticket **3453**
 Range **4E**
 State **KS**

Comments **Field: Mellor East**

GENERAL INFORMATION

Test # **1** Test Date **11/23/2011**
 Tester **Jimmy Ricketts**
 Test Type **Conventional Bottom Hole**
Successful Test

Chokes **3/4** Hole Size **7 7/8**
 Top Recorder # **13767**
 Mid Recorder #
 Bott Recorder # **w1022**

of Packers **2.0** Packer Size **6 3/4**

Mileage **124** Approved By

Mud Type **Gel Chem**
 Mud Weight **9.4** Viscosity **50.0**
 Filtrate **7.8** Chlorides **1200**

Standby Time **0**
 Extra Equipmnt **Jars & Safety Joint**
 Time on Site **9:30 AM**
 Tool Picked Up **11:45 AM**
 Tool Layed Dwn **7:00 PM**

Drill Collar Len **376.0**
 Wght Pipe Len **0**

Elevation **1321.00** Kelley Bushings **1331.00**

Formation **Mississippian**
 Interval Top **2445.0** Bottom **2484.0**
 Anchor Len Below **39.0** Between **0**
 Total Depth **2484.0**

Start Date/Time **11/23/2011 11:24 AM**
 End Date/Time **11/23/2011 7:59 PM**

Blow Type **Weak blow building to 1/2 inch initial flow period. No blow building to weak surface blow final flow period. Times: 30, 30, 60, 55.**

RECOVERY

Feet	Description	Gas	Oil	Water	Mud
1	Clean oil	0% 0ft	100% 1ft	0% 0ft	0% 0ft
25	Oil cut mud	0% 0ft	7% 1.8ft	0% 0ft	93% 23.2ft
1	Oil cut mud in tool sample	0% 0ft	9% 0.1ft	0% 0ft	91% 0.9ft

DST Fluids **0**