

Operator Name: Range Oil Company, Inc. Lease Name: Dow
 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 Yes No
 (Attach Additional Sheets)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 Electric Log Submitted Electronically Yes No
 (If no, Submit Copy)

Name	Top	Datum
Heebner	1553'	-219
Lansing	1798'	-464
Kansas City	2088'	-754
BKC	2245'	-911
Mississippian chert	2477'	-1143
LTD	2538'	-1204

List All E. Logs Run: Dual porosity + induction
 DST (1) 2445' to 2488' 30-30-60-60 Rec: 120' GIP + 465' oil + 220' GOCM (5% gas, 15% oil) + 95' GOWCM (9% gas, 16% oil, 6% water) IFP 52-199 ISIP 606 FFP 223-311 FSIP 629 T.98F

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	226'	common	125	3 % CaCl
Production	7 7/8"	4 1/2"	10.5	2535'	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	2477' to 2480'	75 gallons (15% MCA)	2477-2480

TUBING RECORD: Size: <u>2 3/8"</u> Set At: <u>2498'</u> Packer At:		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>10-18-11</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>35</u>	Gas Mcf _____ Water Bbls. <u>15</u> Gas-Oil Ratio _____ Gravity _____

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled (Submit ACO-5) <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>2477' to 2480'</u>
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CONSOLIDATED
Oil Well Services, LLC



ENTERED

COPY

TICKET NUMBER 31552

LOCATION Eureka

FOREMAN Steven Neal

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

FIELD TICKET & TREATMENT REPORT

CEMENT API# 15-015-23915

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
9-1-11	6942	Daw #1	7	R4S	4E	Butler
CUSTOMER <u>Range Oil Company Inc</u>			TRUCK #			
MAILING ADDRESS <u>125 N. Market Suite 1100</u>			DRIVER			
CITY <u>Wichita</u>			TRUCK #			
STATE <u>Ks</u>			DRIVER			
ZIP CODE <u>67202</u>						

JOB TYPE Surface G HOLE SIZE 12 1/4 HOLE DEPTH 236' CASING SIZE & WEIGHT 8 3/4 227
 CASING DEPTH 211 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.7* SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT 12 3/4 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Softly meeting Rig up to 8 3/8 casing with Head & manifold. Break circulation with 10 bbls fresh water mix 125 SKS class A cement w/ 3% CaCl2, 2% Gel & 1/4" F/O Calc per/sk at 14"/gal. Shut down. Release Plug. Displace with 12 3/4 bbls fresh water. Shut well in. Good cement returns to surface 7 bbls slurry to pit.
Job Complete Rig down

Thank you

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL	
5405	1	PUMP CHARGE	775.00	775.00	
5406	40	MILEAGE	4.00	160.00	
11643	125 SKS	Class A Cement	14.25	1781.25	
1102	350*	3% Calcium	.70	245.00	
1118B	235*	2% Gel	.20	47.00	
1107	30*	1/4" F/O Calc	2.22	66.60	
5407		Tan Mileage Bulk Truck	m/c	330.00	
4432	1	8 3/4 Wooden Plug	80.00	80.00	
4132	2	8 3/4 Centralizers	69.00	138.00	
				Sub Total	3622.85
				SALES TAX	154.44
				ESTIMATED TOTAL	3777.29

Ravin 3737

244010

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

Company **Range Oil Company, Inc.**
 Address **125 North Market, Suite 1120**
 CSZ **Wichita, KS 67202**
 Attn. **Roger Martin**

Lease Name **Dow**
 Lease # **1**
 Legal Desc **SE SW SE** Job Ticket **3444**
 Section **7** Range **4E**
 Township **24S**
 County **Butler** State **KS**
 Drilling Cont **Summit Drilling #1**

Comments **Field: Mellor East**

GENERAL INFORMATION

Test # **2** Test Date **9/6/2011**
 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 **0** Approved By

Mud Type **Gel Chem**
 Mud Weight **9.5** Viscosity **72.0**
 Filtrate **8.2** Chlorides **800**

Standby Time **0**
 Extra Equipmnt **Safety Joint**
 Time on Site **5:00 PM**
 Tool Picked Up **6:00 PM**
 Tool Layed Dwn **3:00 AM**

Drill Collar Len **364.0**
 Wght Pipe Len **0**

Elevation **1324.00** Kelley Bushings **1334.00**

Formation **Mississippian**
 Interval Top **2445.0** Bottom **2488.0**
 Anchor Len Below **43.0** Between **0**
 Total Depth **2488.0**

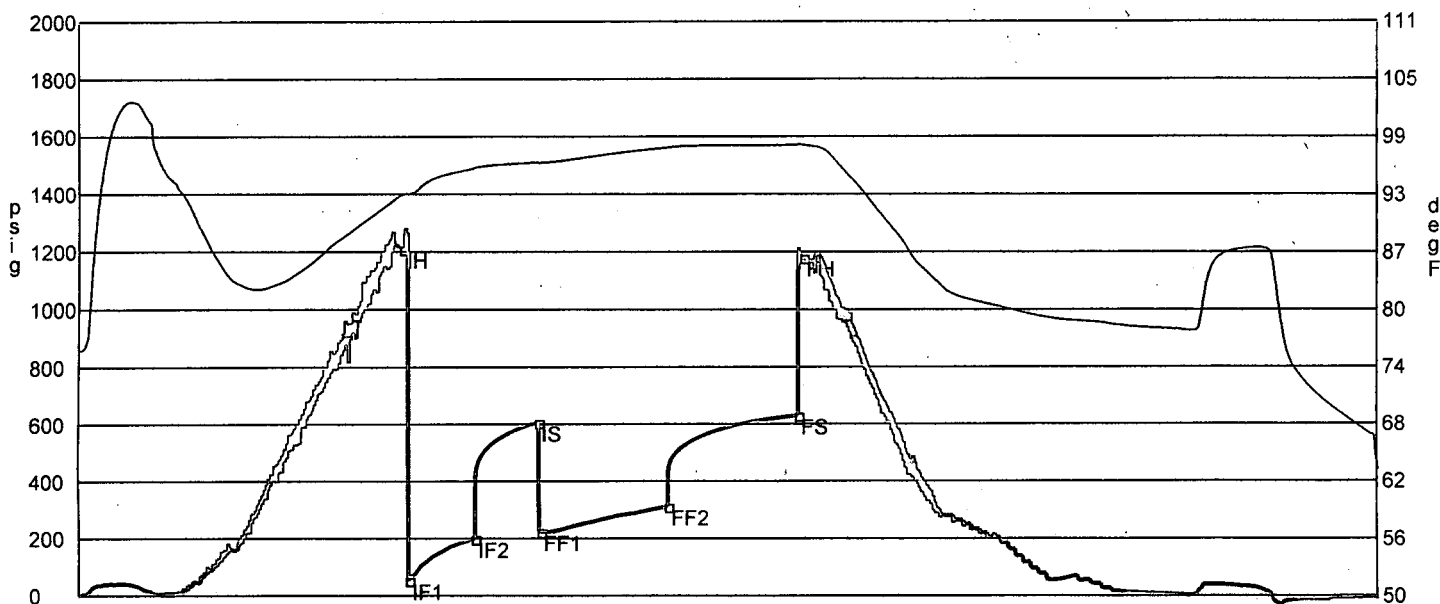
Start Date/Time **9/6/2011 5:34 PM**
 End Date/Time **9/7/2011 3:33 AM**

Blow Type **Weak blow building to strong blow 6 minutes into initial flow period. Surface blow back dying to no blow back 15 minutes into initial shut-in period. Weak blow building to strong blow 7 minutes into final flow period. Times: 30, 30, 60, 60, API gravity of oil was 44.**

RECOVERY

Feet	Description	Gas	Oil	Water	Mud
120	Gas in pipe	100% 120ft	0% 0ft	0% 0ft	0% 0ft
365	Clean oil	0% 0ft	100% 365ft	0% 0ft	0% 0ft
50	Gassy oil cut mud	6% 3ft	10% 5ft	0% 0ft	84% 42ft
100	Clean oil	0% 0ft	100% 100ft	0% 0ft	0% 0ft
170	Gassy oil cut mud	5% 8.5ft	16% 27.2ft	0% 0ft	79% 134.3ft
95	Gassy oil and water cut mud	9% 8.6ft	16% 15.2ft	6% 5.7ft	69% 65.6ft
1	Gassy oil and water cut mud in tool sample	3% 0ft	14% 0.1ft	4% 0ft	79% 0.8ft

DST Fluids **0**



	Date	Time	Pressure	Temp	
IH	9/6/2011 8:03:30 PM	2.491667	1209.192	92.627	Initial Hydro-static
IF1	9/6/2011 8:06:00 PM	2.533333	52.351	92.661	Initial Flow (1)
IF2	9/6/2011 8:36:20 PM	3.038889	198.967	95.454	Initial Flow (2)
IS	9/6/2011 9:05:30 PM	3.525	606.06	96.059	Initial Shut-In
FF1	9/6/2011 9:06:30 PM	3.541667	223.096	96.016	Final Flow (1)
FF2	9/6/2011 10:05:30 PM	4.525	310.982	97.616	Final Flow (2)
FS	9/6/2011 11:05:50 PM	5.530556	629.185	97.892	Final Shut-In
FH	9/6/2011 11:08:20 PM	5.572222	1179.865	97.928	Final Hydro-static

GAS FLOWS

Min Into IFP Min Into FFP Gas Flows Pressure Choke