

IND

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

Lease Name **Phillips**
 Lease # **4**
 Legal Desc **NW SW NW**
 Section **26**
 Township **24S**
 County **Butler**
 Drilling Cont **Summit Drilling #1**

Job Ticket **3064**
 Range **4E**
 State **KS**

Comments

15-105-23843-00010

GENERAL INFORMATION

Test # **1** Test Date **11/22/2009**
 Tester **Jimmy Ricketts**
 Test Type **Conventional Bottom Hole Successful Test**
 # of Packers **2.0** Packer Size **6 3/4**

Mud Type **Gel Chem**
 Mud Weight **9.5** Viscosity **57.0**
 Filtrate **8.4** Chlorides **1300**

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

Formation **Mississippian**
 Interval Top **2543.0** Bottom **2592.0**
 Anchor Len Below **49.0** Between **0**
 Total Depth **2592.0**

Blow Type **Weak blow building to 10" initial flow period. Most of blow due to sliding 10'.
 No blow final flow period. Times: 30, 30, 30, 60.**

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

Mileage **130** Approved By
 Standby Time **0**
 Extra Equipmnt **Jars & Safety Joint**
 Time on Site **5:00 AM**
 Tool Picked Up **7:15 AM**
 Tool Layed Dwn **3:00 PM**

Elevation **1384.00** Kelley Bushings **1394.00**

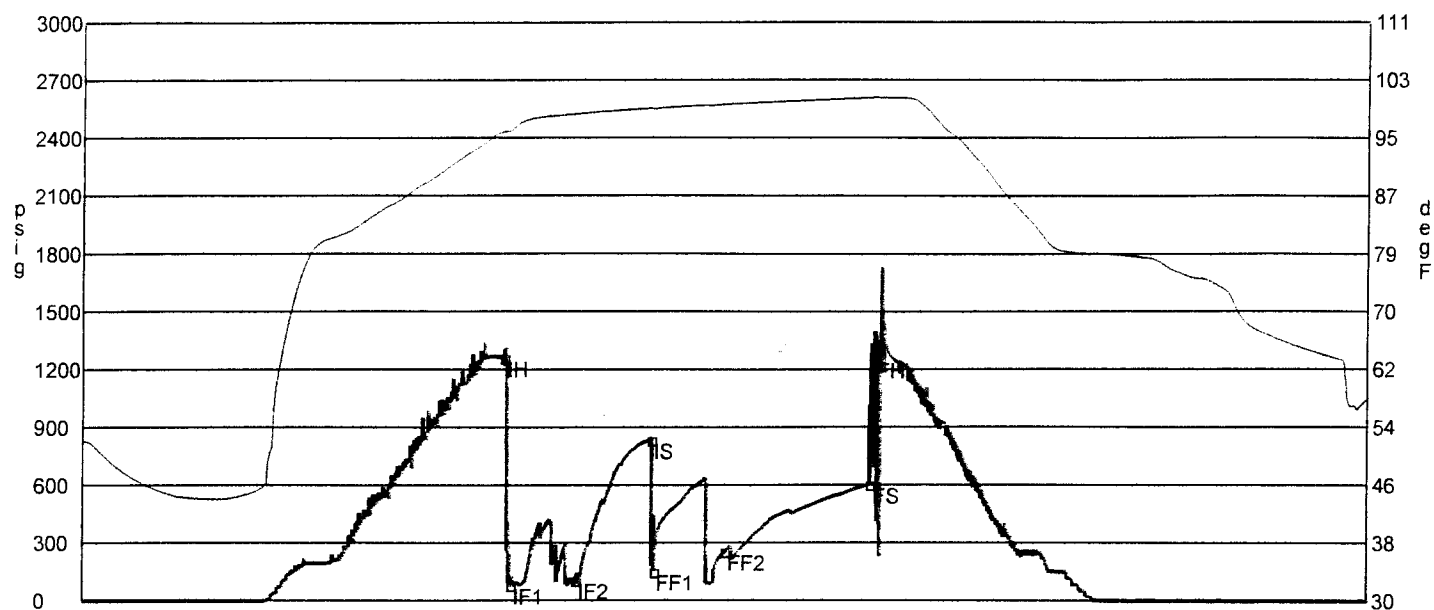
Start Date/Time **11/22/2009 7:00 AM**
 End Date/Time **11/22/2009 3:53 PM**

RECOVERY

Feet	Description	Gas	Oil	Water	Mud
125	Drilling mud	0% 0ft	0% 0ft	0% 0ft	100% 125ft
1	Oil cut mud in tool sample	0% 0ft	2% 0ft	0% 0ft	98% 1ft

DST Fluids **0**

20-24-4E



	Date	Time	Pressure	Temp	
IH	11/22/2009 9:54:10 AM	2.902778	1260.334	95.632	Initial Hydro-static
IF1	11/22/2009 9:57:00 AM	2.95	78.29	95.897	Initial Flow (1)
IF2	11/22/2009 10:24:00 AM	3.4	104.897	98.117	Initial Flow (2)
IS	11/22/2009 10:55:00 AM	3.916667	835.51	98.89	Initial Shut-In
FF1	11/22/2009 10:56:20 AM	3.938889	149.416	98.825	Final Flow (1)
FF2	11/22/2009 11:25:40 AM	4.427778	253.36	99.441	Final Flow (2)
FS	11/22/2009 12:25:40 PM	5.427778	602.351	100.355	Final Shut-In
FH	11/22/2009 12:27:10 PM	5.452778	1251.178	100.455	Final Hydro-static

GAS FLOWS

Min Into IFP Min Into FFP Gas Flows Pressure Choke