

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

Lease Name **Cerny-Barton**
Lease # **1**
Legal Desc **E/2 E/2 SW**
Section **20**
Township **24S**
County **Butler**
Drilling Cont **Summit Drilling #1**

Job Ticket **3450**
Range **3E**
State **KS**

Comments **Field: Wildcat**

15-015-23920

20-24s-3E

GENERAL INFORMATION

Test # **1** Test Date **10/26/2011**
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 **9.4** Viscosity **55.0**
Filtrate **7.8** Chlorides **1300**

Drill Collar Len **345.0**
Wght Pipe Len **0**

Formation **Conglomerate Sand**
Interval Top **2756.0** Bottom **2810.0**
Anchor Len Below **54.0** Between **0**

Total Depth **2810.0**
Blow Type **Weak blow building to 1 1/4 inches initial flow period. No blow final flow
period. Times: 30, 30, 30, 32.**

Chokes **3/4**
Top Recorder # **13767**
Mid Recorder #
Bott Recorder # **w1022**

Hole Size **7 7/8**

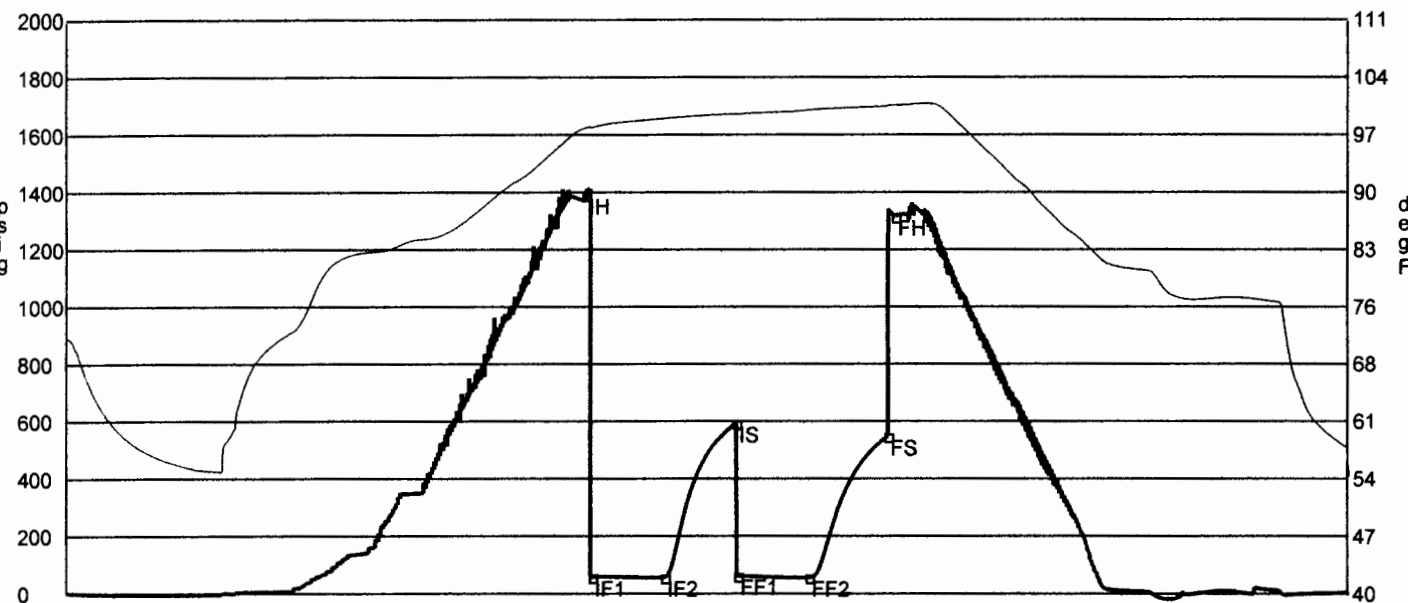
Mileage **102** Approved By
Standby Time **0**
Extra Equipmnt **Jars & Safety Joint**
Time on Site **10:00 PM**
Tool Picked Up **12:00 AM**
Tool Layed Dwn **8:00 AM**

Elevation **1363.00** Kelley Bushings **1373.00**

Start Date/Time **10/25/2011 11:11 PM**
End Date/Time **10/26/2011 7:58 AM**

RECOVERY

Feet	Description	Gas	Oil	Water	Mud
25	Drilling mud	0% 0ft	0% 0ft	0% 0ft	100% 25ft
DST Fluids 0					



	Date	Time	Pressure	Temp	
IH	10/26/2011 2:44:10 AM	3.552778	1390.124	97.648	Initial Hydro-static
IF1	10/26/2011 2:46:40 AM	3.594444	56.753	97.681	Initial Flow (1)
IF2	10/26/2011 3:16:30 AM	4.091667	56.276	98.806	Initial Flow (2)
IS	10/26/2011 3:45:50 AM	4.580556	592.69	99.369	Initial Shut-In
FF1	10/26/2011 3:46:30 AM	4.591667	61.091	99.312	Final Flow (1)
FF2	10/26/2011 4:15:50 AM	5.080556	55.682	99.821	Final Flow (2)
FS	10/26/2011 4:48:10 AM	5.619444	547.154	100.311	Final Shut-In
FH	10/26/2011 4:51:10 AM	5.669444	1314.012	100.43	Final Hydro-static

GAS FLOWS

Min Into IFP Min Into FFP Gas Flows Pressure Choke

(620) 326-5830

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Lease #	1		
Legal Desc	E/2 E/2 SW	Job Ticket	3450
Section	20	Range	3E
Township	24S		
County	Butler	State	KS
Drilling Cont	Summit Drilling #1		

Comments Field: Wildcat

GENERAL INFORMATION

Test # 2	Test Date	10/26/2011
Tester	Jimmy Rickets	
Test Type	Conventional Bottom Hole	
	Successful Test	
# of Packers	2.0	Packer Size 6 3/4

Mud Type	Gel Chem		
Mud Weight	9.4	Viscosity	47.0
Filtrate	16.8	Chlorides	6800

Drill Collar Len **345.0**
Wght Pipe Len **0**

Formation	Conglomerate	Sand & Chert
Interval Top	2755.0	Bottom 2829.0
Anchor Len Below	74.0	Between 0
Total Depth	2829.0	

Blow Type	Weak blow building to strong blow 26 minutes into initial flow period. Had problems getting slips to hold and tool to turn causing extended initial flow period. Also flushed tool while trying to turn tool 30 minutes into initial flow period. Weak blow building to 4 inches final flow period. Times: 88, 30, 30, 31.
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Chokes **3/4** Hole Size **7 7/8**
 Top Recorder # **13767**
 Mid Recorder #
 Bott Recorder # **w1022**

Mileage **62** Approved By
Standby Time **0**
Extra Equipmnt **Jars & Safety Joint**
Time on Site **7:00 PM**
Tool Picked Up **8:30 PM**
Tool Layed Dwn**7:30 AM**

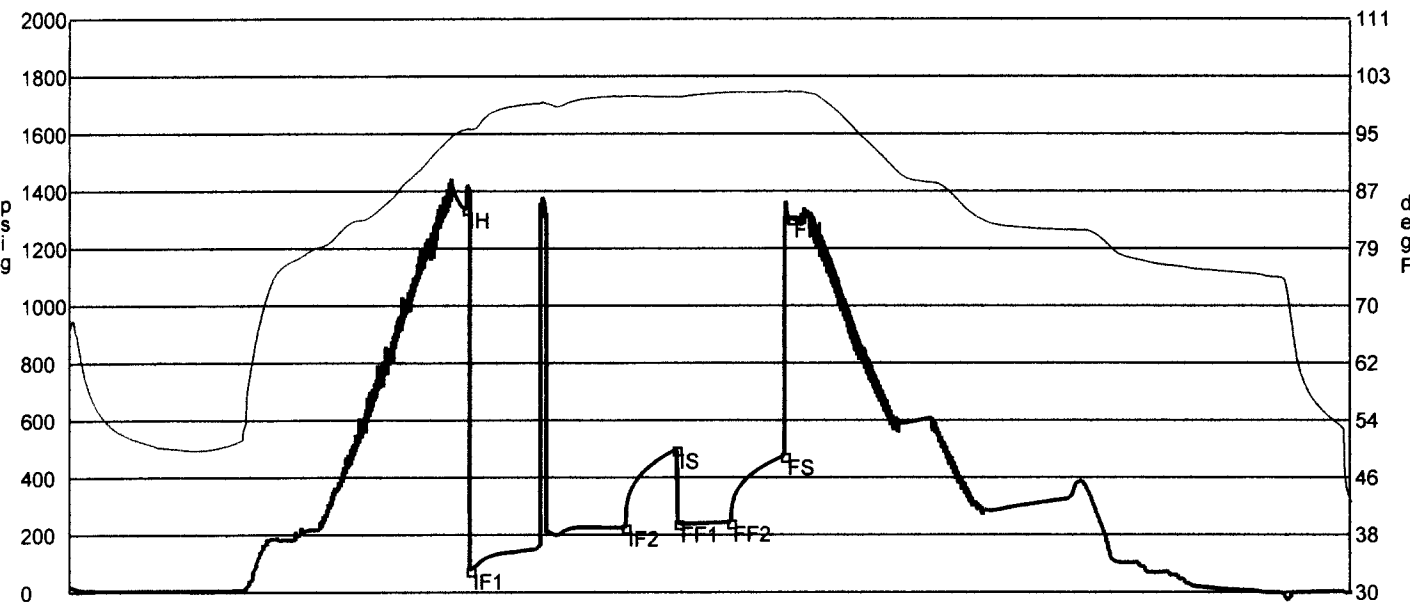
Elevation 1363.00 Kelley Bushings 1373.00

Start Date/Time 10/26/2011 7:43 PM
End Date/Time 10/27/2011 7:55 AM

RECOVERY

Feet	Description	Gas		Oil		Water		Mud	
425	Water cut mud	0%	0ft	0%	0ft	12%	51ft	88%	374ft
1	Heavy water cut mud in tool sample	0%	0ft	0%	0ft	22%	0.2ft	78%	0.8ft

DST Fluids **25000**



	Date	Time	Pressure	Temp	
IH	10/26/2011 11:29:10 PM	3.769444	1338.139	95.399	Initial Hydro-static
IF1	10/26/2011 11:31:40 PM	3.811111	76.596	95.382	Initial Flow (1)
IF2	10/27/2011 1:00:10 AM	5.286111	225.079	100.054	Initial Flow (2)
IS	10/27/2011 1:29:20 AM	5.772222	496.864	100.002	Initial Shut-In
FF1	10/27/2011 1:30:20 AM	5.788889	239.535	99.971	Final Flow (1)
FF2	10/27/2011 2:00:10 AM	6.286111	242.301	100.607	Final Flow (2)
FS	10/27/2011 2:31:00 AM	6.8	474.956	100.657	Final Shut-In
FH	10/27/2011 2:34:40 AM	6.861111	1304.073	100.705	Final Hydro-static

GAS FLOWS

<u>Min Into IFP</u>	<u>Min Into FFP</u>	<u>Gas Flows</u>	<u>Pressure</u>	<u>Choke</u>
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