

Company **Noble Petroleum, Inc.**
 Address **3101 N. Rock Road Suite 125**
 CSZ **Wichita, KS 67226**
 Attn. **Kent Crisler**

Lease Name **Hartman**
 Lease # **1**
 Legal Desc **S/2 NE NW NE**
 Section **11**
 Township **33S**
 County **Sumner**
 Drilling Cont **C & G Drilling #2**

Job Ticket **3099**
 Range **2W**
 State **KS**

Comments **Field: Perth**

GENERAL INFORMATION

Test # **1** Test Date **10/1/2010**
 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 **9.1** Viscosity **44.0**
 Filtrate **12.0** Chlorides **8000**

Drill Collar Len **244.0**
 Wght Pipe Len **0**

Formation **Dennis**
 Interval Top **3315.0** Bottom **3360.0**
 Anchor Len Below **45.0** Between **0**
 Total Depth **3360.0**

Blow Type **Weak blow building to 7" initial flow period. Weak blow building to 6" final flow period. Times: 30, 45, 45, 65.**

Chokes **3/4** Hole Size **7 7/8**
 Top Recorder # **13767**
 Mid Recorder #
 Bott Recorder # **w1023**

Mileage **0** Approved By
 Standby Time **0**
 Extra Equipmnt **Jars & Safety Joint**
 Time on Site **1:35 PM**
 Tool Picked Up **1:50 PM**
 Tool Layed Dwn **8:20 PM**

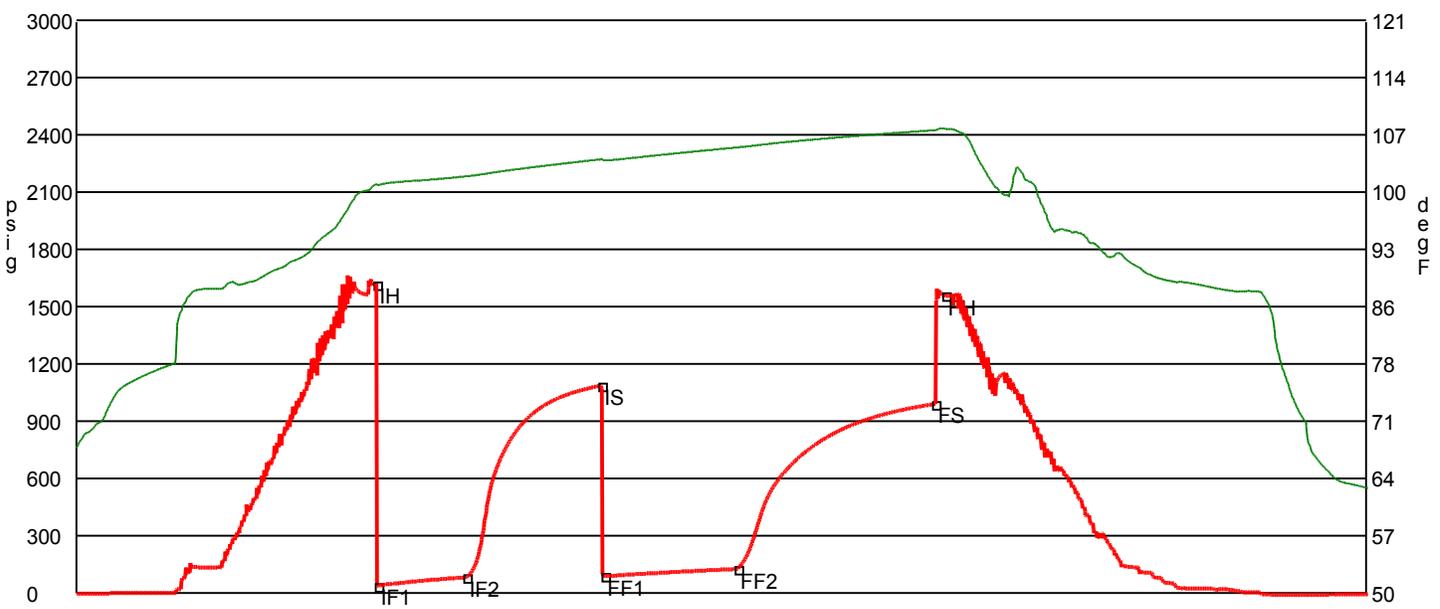
Elevation **1225.00** Kelley Bushings **1234.00**

Start Date/Time **10/1/2010 1:48 PM**
 End Date/Time **10/1/2010 8:54 PM**

RECOVERY

Feet	Description	Gas	Oil	Water	Mud
70	Oil cut mud	0% 0ft	2% 1.4ft	0% 0ft	98% 68.6ft
120	Oil and heavy water cut mud	0% 0ft	2% 2.4ft	43% 51.6ft	55% 66ft

DST Fluids **66000**



	Date	Time	Pressure	Temp	
IH	10/1/2010 3:26:10 PM	1.636111	1618.912	100.717	Initial Hydro-static
IF1	10/1/2010 3:26:40 PM	1.644444	38.553	100.606	Initial Flow (1)
IF2	10/1/2010 3:56:00 PM	2.133333	83.815	101.685	Initial Flow (2)
IS	10/1/2010 4:40:40 PM	2.877778	1088.331	103.802	Initial Shut-In
FF1	10/1/2010 4:41:50 PM	2.897222	90.011	103.682	Final Flow (1)
FF2	10/1/2010 5:25:50 PM	3.630556	127.624	105.284	Final Flow (2)
FS	10/1/2010 6:31:20 PM	4.722222	991.925	107.412	Final Shut-In
FH	10/1/2010 6:34:40 PM	4.777778	1560.132	107.586	Final Hydro-static

GAS FLOWS

Min Into IFP Min Into FFP Gas Flows Pressure Choke

Company **Noble Petroleum, Inc.**
 Address **3101 N. Rock Road Suite 125**
 CSZ **Wichita, KS 67226**
 Attn. **Kent Crisler**

Lease Name **Hartman**
 Lease # **1**
 Legal Desc **S/2 NE NW NE**
 Section **11**
 Township **33S**
 County **Sumner**
 Drilling Cont **C & G Drilling #2**

Job Ticket **3099**
 Range **2W**
 State **KS**

Comments **Field: Perth**

GENERAL INFORMATION

Test # **2** Test Date **10/3/2010**
 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 **9.3** Viscosity **42.0**
 Filtrate **10.4** Chlorides **7000**

Drill Collar Len **244.0**
 Wght Pipe Len **0**

Formation **Mississippian**
 Interval Top **3857.0** Bottom **3935.0**
 Anchor Len Below **78.0** Between **0**
 Total Depth **3935.0**

Blow Type **Weak blow building to 1/2" initial flow period. Weak blow building to 1/2" final flow period. Times: 30, 45, 30, 50.**

Chokes **3/4** Hole Size **7 7/8**
 Top Recorder # **13767**
 Mid Recorder #
 Bott Recorder # **w1023**

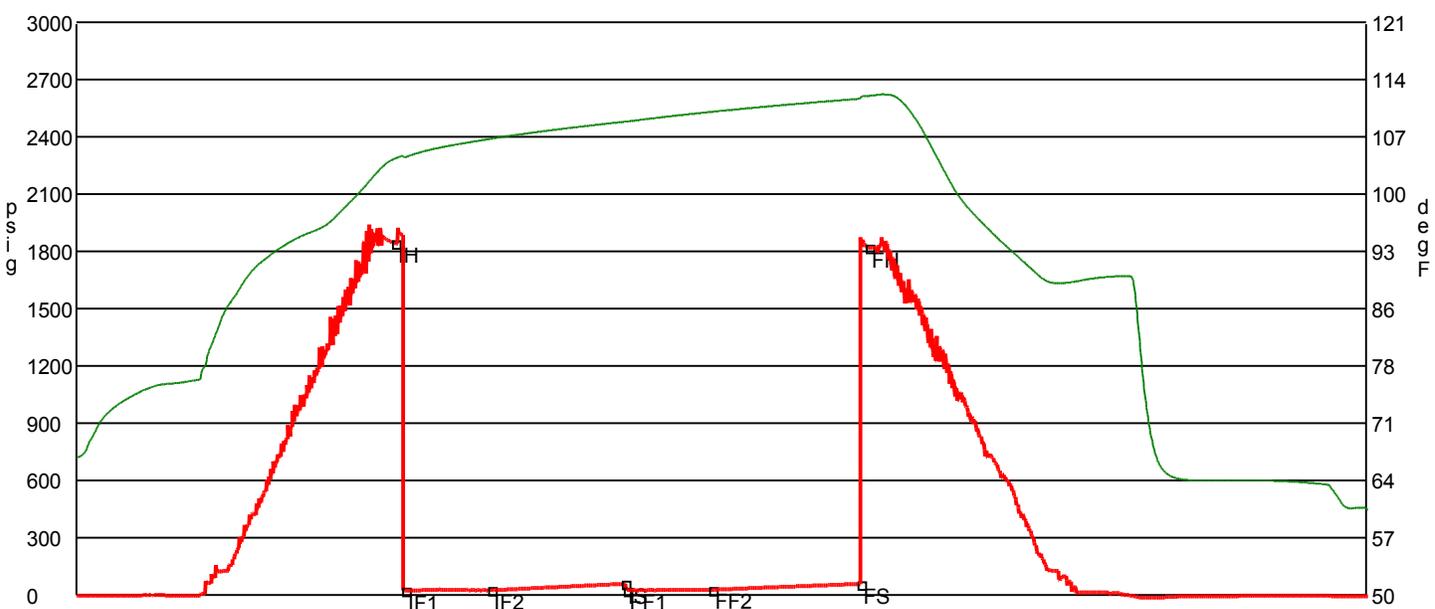
Mileage **32** Approved By
 Standby Time **2**
 Extra Equipmnt **Jars & Safety Joint**
 Time on Site **11:00 AM**
 Tool Picked Up **12:15 PM**
 Tool Layed Dwn **5:45 PM**

Elevation **1225.00** Kelley Bushings **1234.00**

Start Date/Time **10/3/2010 11:56 AM**
 End Date/Time **10/3/2010 7:13 PM**

RECOVERY

Feet	Description	Gas	Oil	Water	Mud
15	Drilling mud	0% 0ft	0% 0ft	0% 0ft	100% 15ft
DST Fluids		0			



	Date	Time	Pressure	Temp	
IH	10/3/2010 1:43:10 PM	1.786111	1844.441	104.149	Initial Hydro-static
IF1	10/3/2010 1:46:30 PM	1.841667	24.541	104.318	Initial Flow (1)
IF2	10/3/2010 2:15:50 PM	2.330556	27.416	106.607	Initial Flow (2)
IS	10/3/2010 3:01:10 PM	3.086111	60.198	108.706	Initial Shut-In
FF1	10/3/2010 3:01:50 PM	3.097222	26.004	108.736	Final Flow (1)
FF2	10/3/2010 3:30:50 PM	3.580556	29.095	109.942	Final Flow (2)
FS	10/3/2010 4:21:10 PM	4.419444	59.804	111.557	Final Shut-In
FH	10/3/2010 4:24:00 PM	4.466667	1820.431	111.905	Final Hydro-static

GAS FLOWS

Min Into IFP Min Into FFP Gas Flows Pressure Choke

Company **Noble Petroleum, Inc.**
 Address **3101 N. Rock Road Suite 125**
 CSZ **Wichita, KS 67226**
 Attn. **Kent Crisler**

Lease Name **Hartman**
 Lease # **1**
 Legal Desc **S/2 NE NW NE**
 Section **11**
 Township **33S**
 County **Sumner**
 Drilling Cont **C & G Drilling #2**

Job Ticket **3099**
 Range **2W**
 State **KS**

Comments **Field: Perth**

GENERAL INFORMATION

Test # **3** Test Date **10/4/2010**
 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 # **w1023**

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

Mileage **32** Approved By

Mud Type **Gel Chem**
 Mud Weight **9.3** Viscosity **45.0**
 Filtrate **14.0** Chlorides **9000**

Standby Time **0**
 Extra Equipmnt **Jars & Safety Joint**
 Time on Site **11:00 AM**
 Tool Picked Up **2:00 PM**
 Tool Layed Dwn **9:30 PM**

Drill Collar Len **4.0**
 Wght Pipe Len **0**

Elevation **1225.00** Kelley Bushings **1234.00**

Formation
 Interval Top **4040.0** Bottom **4079.0**
 Anchor Len Below **39.0** Between **0**
 Total Depth **4079.0**

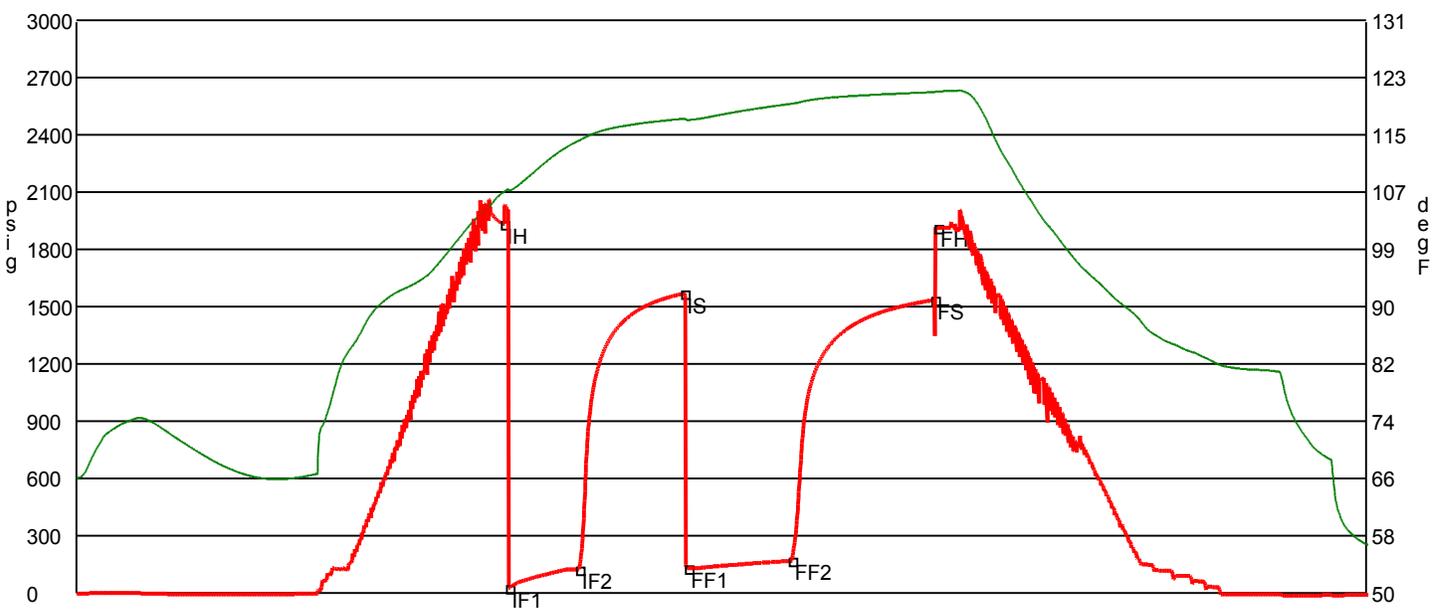
Start Date/Time **10/4/2010 1:04 PM**
 End Date/Time **10/4/2010 10:12 PM**

Blow Type **Weak blow building to strong blow 18 minutes into initial flow period. 1" blow back during initial shut-in period. Weak blow building to strong blow 12 minutes into final flow period. 8" blow back during final shut-in period. Times: 30, 45, 45, 60.**

RECOVERY

Feet	Description	Gas	Oil	Water	Mud
485	Gas in pipe	100% 485ft	0% 0ft	0% 0ft	0% 0ft
170	Gassy oil and heavy water cut mud	7% 11.9ft	5% 8.5ft	20% 34ft	68% 115.6ft
205	Heavy mud cut water with trace oil	0% 0ft	trace	63% 129.2ft	37% 75.9ft

DST Fluids **49000**



	Date	Time	Pressure	Temp	
IH	10/4/2010 4:04:40 PM	3.011111	1933.261	106.787	Initial Hydro-static
IF1	10/4/2010 4:06:50 PM	3.047222	27.483	106.965	Initial Flow (1)
IF2	10/4/2010 4:36:30 PM	3.541667	124.888	114.02	Initial Flow (2)
IS	10/4/2010 5:21:20 PM	4.288889	1570.787	117.126	Initial Shut-In
FF1	10/4/2010 5:23:00 PM	4.316667	129.961	116.921	Final Flow (1)
FF2	10/4/2010 6:07:00 PM	5.05	170.236	119.24	Final Flow (2)
FS	10/4/2010 7:07:50 PM	6.063889	1537.006	120.874	Final Shut-In
FH	10/4/2010 7:09:00 PM	6.083333	1916.049	120.969	Final Hydro-static

GAS FLOWS

Min Into IFP Min Into FFP Gas Flows Pressure Choke

Company **Noble Petroleum, Inc.**
 Address **3101 N. Rock Road Suite 125**
 CSZ **Wichita, KS 67226**
 Attn. **Kent Crisler**

Lease Name **Hartman**
 Lease # **1**
 Legal Desc **S/2 NE NW NE**
 Section **11**
 Township **33S**
 County **Sumner**
 Drilling Cont **C & G Drilling #2**

Job Ticket **3099**
 Range **2W**
 State **KS**

Comments **Field: Perth**

GENERAL INFORMATION

Test # **4** Test Date **10/6/2010**
 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 # **w1023**

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

Mileage **32** Approved By

Mud Type **Gel Chem**
 Mud Weight **9.3** Viscosity **50.0**
 Filtrate **11.4** Chlorides **10000**

Standby Time **0**
 Extra Equipmnt **Jars & Safety Joint**
 Time on Site **9:30 PM**
 Tool Picked Up **10:30 PM**
 Tool Layed Dwn **6:30 AM**

Drill Collar Len **244.0**
 Wght Pipe Len **0**

Elevation **1225.00** Kelley Bushings **1234.00**

Formation **Simpson Sand**
 Interval Top **4259.0** Bottom **4374.0**
 Anchor Len Below **115.0** Between **0**

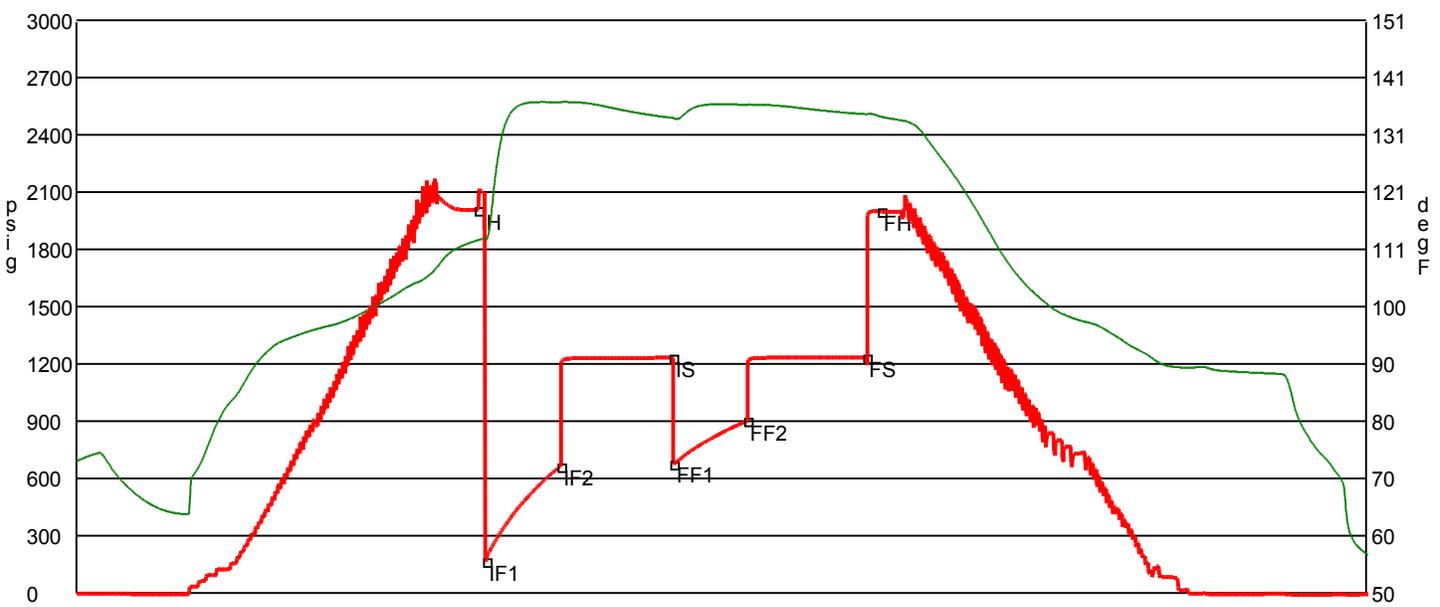
Start Date/Time **10/5/2010 10:19 PM**
 End Date/Time **10/6/2010 6:58 AM**

Total Depth **4274.0**
 Blow Type **Weak blow building to strong blow 1 1/2 minutes into initial flow period. 6 inch blow back during initial shut-in period. Weak blow building to strong blow 3 minutes into final flow period. 4 inch blow back during final shut-in period. Times: 30, 45, 30, 48.**

RECOVERY

Feet	Description	Gas	Oil	Water	Mud
300	Heavy water cut mud	0% 0ft	0% 0ft	43% 129ft	57% 171ft
1600	Salt water	0% 0ft	0% 0ft	100% 1600ft	0% 0ft

DST Fluids **84000**



	Date	Time	Pressure	Temp	
IH	10/6/2010 12:59:30 AM	2.675	2007.89	112.265	Initial Hydro-static
IF1	10/6/2010 1:02:50 AM	2.730556	167.514	112.43	Initial Flow (1)
IF2	10/6/2010 1:32:50 AM	3.230556	665.365	136.569	Initial Flow (2)
IS	10/6/2010 2:18:00 AM	3.983333	1233.589	133.83	Initial Shut-In
FF1	10/6/2010 2:18:20 AM	3.988889	678.881	133.752	Final Flow (1)
FF2	10/6/2010 2:48:00 AM	4.483333	904.171	136.147	Final Flow (2)
FS	10/6/2010 3:36:00 AM	5.283333	1234.482	134.481	Final Shut-In
FH	10/6/2010 3:41:50 AM	5.380556	2000.023	134.056	Final Hydro-static

GAS FLOWS

Min Into IFP Min Into FFP Gas Flows Pressure Choke