

Company **Noble Petroleum, Inc.**  
 Address **3101 N. Rock Rd. Suite 125**  
 CSZ **Wichita, KS 67226**  
 Attn. **Jay Ablah**

Lease Name **Tangerman**  
 Lease # **1**  
 Legal Desc **NW NW NW**  
 Section **31**  
 Township **5s**  
 County **Nemaha**  
 Drilling Cont **C&G Drilling #2**

Job Ticket **4041**  
 Range **13e**  
 State **KS**

Comments **Times: 60-60-60-90**

15-131-20196

31-5s-13E

**GENERAL INFORMATION**

Test # 1 Test Date **8/20/2007**  
 Tester **Richard Holtz**  
 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 **12.6** Chlorides **600**

Drill Collar Len **150.0**  
 Wght Pipe Len **0**

Formation **Viola**  
 Interval Top **3190.0** Bottom **3220.0**  
 Anchor Len Below **30.0** Between **0**  
 Total Depth **3220.0**

Blow Type **Initial Flow: strong blow, BOB in 30 seconds Final Flow: strong blow, BOB in 1.5 minutes. No blow back on shut ins.**

Chokes **3/4** Hole Size **7 7/8**  
 Top Recorder # **W1023**  
 Mid Recorder #  
 Bott Recorder # **13564**

Mileage **472** Approved By  
 Standby Time **0**  
 Extra Equipmnt **circ pin**  
 Time on Site **12:30 PM**  
 Tool Picked Up **1:15 PM**  
 Tool Layed Dwn **7:30 PM**

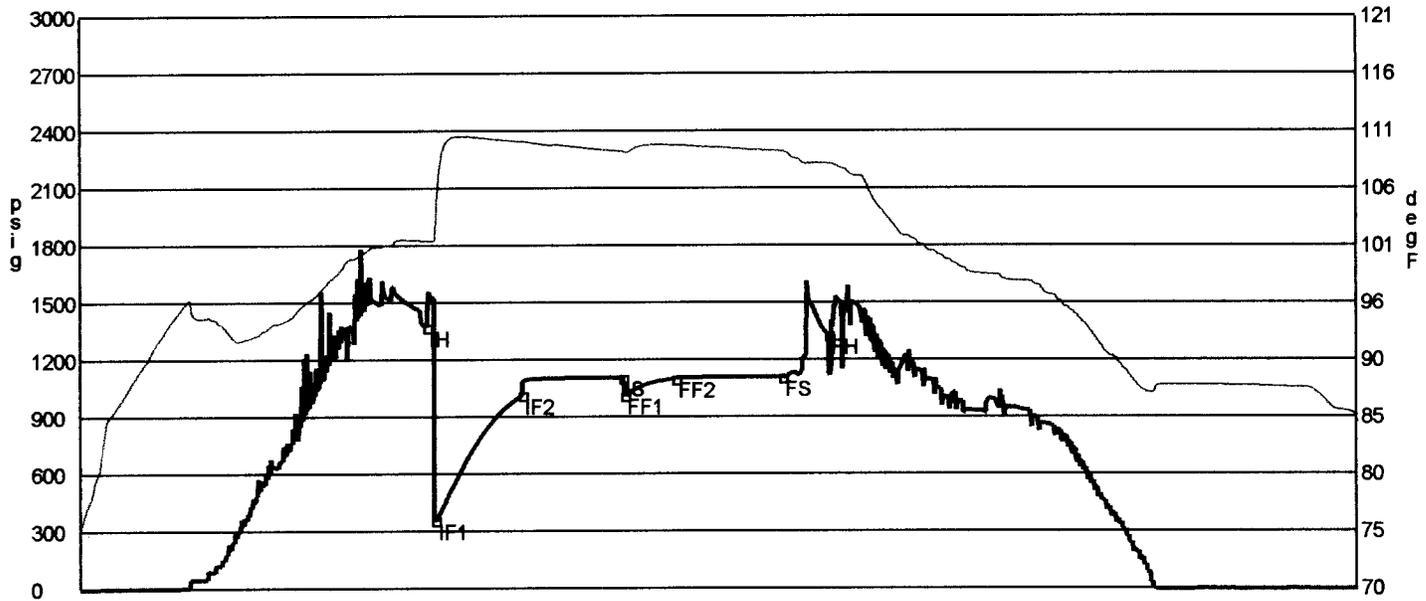
Elevation **1311.00** Kelley Bushings **1320.00**

Start Date/Time **8/20/2007 1:13 PM**  
 End Date/Time **8/20/2007 7:27 PM**

**RECOVERY**

Feet	Description	Gas		Oil		Water		Mud	
250	water cut mud/w spot of oil.	0%	0ft	0%	0ft	13%	32.5ft	87%	217.5ft
2000	mud cut water	0%	0ft	0%	0ft	75%	1500ft	25%	500ft

DST Fluids **3200**



	Date	Time	Pressure	Temp	
IH	8/20/2007 2:53:30 PM	1.666667	1371.642	101.022	Initial Hydro-static
IF1	8/20/2007 2:56:00 PM	1.708333	356.818	101.237	Initial Flow (1)
IF2	8/20/2007 3:21:30 PM	2.133333	1013.95	109.853	Initial Flow (2)
IS	8/20/2007 3:51:00 PM	2.625	1105.873	108.993	Initial Shut-In
FF1	8/20/2007 3:51:30 PM	2.633333	1012.533	108.94	Final Flow (1)
FF2	8/20/2007 4:06:30 PM	2.883333	1098.743	109.538	Final Flow (2)
FS	8/20/2007 4:37:45 PM	3.404167	1108.032	109.019	Final Shut-In
FH	8/20/2007 4:51:15 PM	3.629167	1328.097	107.922	Final Hydro-static

**GAS FLOWS**

Min Into IFP   Min Into FFP   Gas Flows   Pressure   Choke

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 Drilling Cont **C&G Drilling #2**

Job Ticket **4041**  
 Range **13e**  
 State **KS**

Comments **Times: 60-60-60-90**

**GENERAL INFORMATION**

Test # **2** Test Date **8/22/2007**  
 Tester **Richard Holtz**  
 Test Type **Conventional Bottom Hole Successful Test**

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

Mud Type **Gel Chem**  
 Mud Weight **8.9** Viscosity **45.0**  
 Filtrate **11.6** Chlorides **900**

Drill Collar Len **150.0**  
 Wght Pipe Len **0**

Formation **Simpson**  
 Interval Top **3366.0** Bottom **3410.0**  
 Anchor Len Below **44.0** Between **0**  
 Total Depth **3410.0**

Blow Type **Initial Flow, weak blow building to 3 inches. Final Flow, no blow, No blow back on shut ins.**

Chokes **3/4** Hole Size **7 7/8**  
 Top Recorder # **W1023**  
 Mid Recorder #  
 Bott Recorder # **13564**

Mileage **60** Approved By  
 Standby Time **3**  
 Extra Equipmnt  
 Time on Site **9:00 PM**  
 Tool Picked Up **10:15 PM**  
 Tool Layed Dwn **7:15 AM**

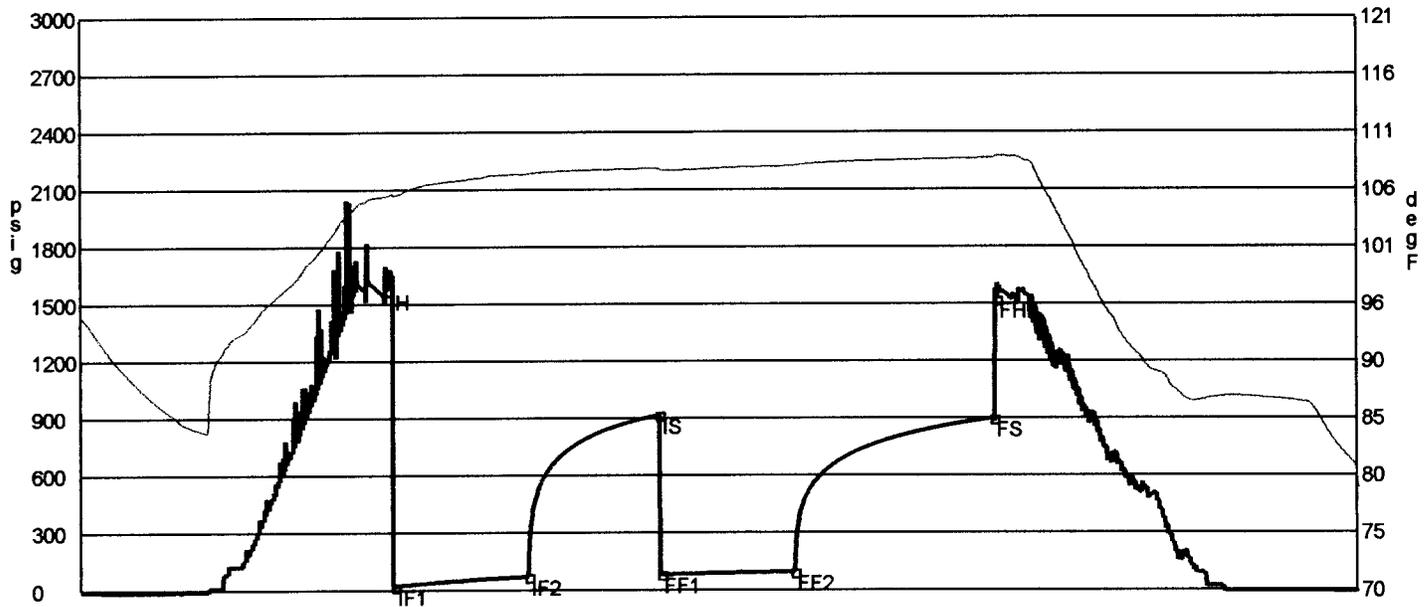
Elevation **1311.00** Kelley Bushings **1320.00**

Start Date/Time **8/21/2007 9:50 PM**  
 End Date/Time **8/22/2007 7:23 AM**

**RECOVERY**

Feet	Description	Gas	Oil	Water	Mud
90	mud	0% 0ft	0% 0ft	0% 0ft	100% 90ft
120	watercut mud	0% 0ft	0% 0ft	40% 48ft	60% 72ft

DST Fluids **4000**



	Date	Time	Pressure	Temp	
IH	8/22/2007 12:06:30 AM	2.266667	1573.739	105.127	Initial Hydro-static
IF1	8/22/2007 12:10:00 AM	2.325	22.581	105.21	Initial Flow (1)
IF2	8/22/2007 1:10:00 AM	3.325	71.866	107.119	Initial Flow (2)
IS	8/22/2007 2:09:00 AM	4.308333	916.579	107.608	Initial Shut-In
FF1	8/22/2007 2:09:45 AM	4.320833	83.617	107.486	Final Flow (1)
FF2	8/22/2007 3:09:30 AM	5.316667	96.094	107.815	Final Flow (2)
FS	8/22/2007 4:39:15 AM	6.8125	899.519	108.5	Final Shut-In
FH	8/22/2007 4:40:45 AM	6.8375	1522.408	108.623	Final Hydro-static

**GAS FLOWS**

Min Into IFP   Min Into FFP   Gas Flows   Pressure   Choke