

# RICKETTS TESTING

Company **Palomino Petroleum, Inc.**  
 Address **4924 SE 84th St.**  
 CSZ **Newton, KS 67114**  
 Attn. **Klee Watchous**

Lease Name **Savolt Unit** 900FWL 110FWL  
 Lease # **1**  
 Legal Desc **SW NW NW** Job Ticket **5050**  
 Section **26** Range **33W**  
 Township **20S**  
 County **Scott** State **KS**  
 Drilling Cont **Southwind Drilling Rig #1**

Comments **Times : 30 - 30 - 15 - 15**  
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FEB 02 2009

15-171-20712-0000

CONSERVATION DIVISION  
WICHITA, KS

## GENERAL INFORMATION

Test # 1 Test Date **10/22/2008**  
 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 **9.4** Viscosity **31.0**  
 Filtrate **0** Chlorides **44000**

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

Mileage **40** Approved By  
 Standby Time **0**  
 Extra Equipmnt **Jars and safety joint**  
 Time on Site **4:00 PM**  
 Tool Picked Up **5:30 PM**  
 Tool Layed Dwn **11:40 PM**

Drill Collar Len **90.0**  
 Wght Pipe Len **0**

Elevation **2940.00** Kelley Bushings **2950.00**

Formation  
 Interval Top **2638.0** Bottom **2730.0**  
 Anchor Len Below **92.0** Between **0**  
 Total Depth **2730.0**

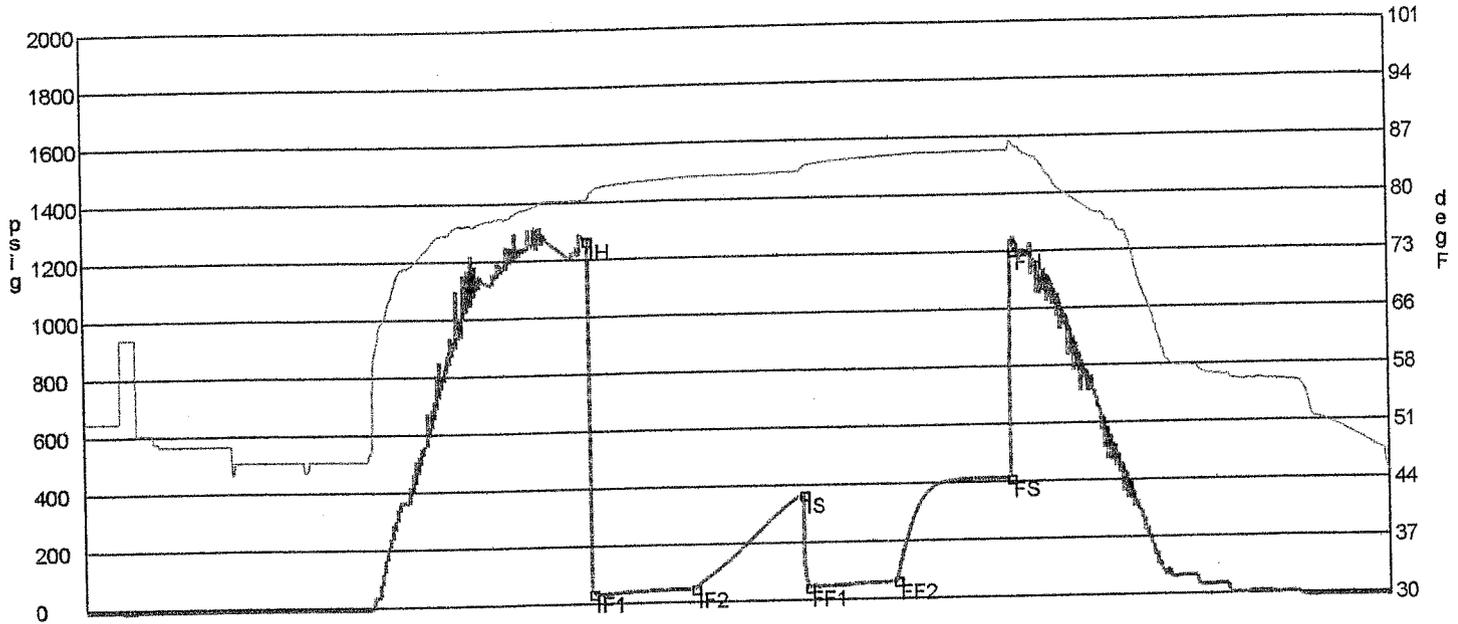
Start Date/Time **10/22/2008 5:16 PM**  
 End Date/Time **10/22/2008 11:35 PM**

Blow Type **Initial Flow, strong blow, BOB in 5 minutes. Final Flow, strong blow, BOB instantly. Weak gas smell while bleeding off on final shut in. No blow back on shut ins.**

## RECOVERY

Feet	Description	Gas	Oil	Water	Mud
2600	Gas in pipe	100% 2600ft	0% 0ft	0% 0ft	0% 0ft
130	mud	0% 0ft	0% 0ft	0% 0ft	100% 130ft
DST Fluids		0			

26-208-33w



	Date	Time	Pressure	Temp	
IH	10/22/2008 7:40:15 PM	2.395833	1267.366	79.955	Initial Hydro-static
IF1	10/22/2008 7:40:45 PM	2.404167	36.945	79.949	Initial Flow (1)
IF2	10/22/2008 8:10:00 PM	2.891667	46.767	82.558	Initial Flow (2)
IS	10/22/2008 8:42:00 PM	3.425	368.715	82.944	Initial Shut-In
FF1	10/22/2008 8:43:15 PM	3.445833	44.993	83.487	Final Flow (1)
FF2	10/22/2008 9:09:30 PM	3.883333	62.948	84.707	Final Flow (2)
FS	10/22/2008 9:43:15 PM	4.445833	413.087	85.107	Final Shut-In
FH	10/22/2008 9:44:15 PM	4.4625	1203.208	86.173	Final Hydro-static

GAS FLOWS

Min Into IFP    Min Into FFP    Gas Flows    Pressure    Choke

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CONSERVATION DIVISION  
WICHITA, KS

(620) 326-5830

# RICKETTS TESTING

Company **Palomino Petroleum, Inc.**  
 Address **4924 SE 84th St.**  
 CSZ **Newton, KS 67114**  
 Attn. **Klee Watchous**

Lease Name **Savolt Unit**  
 Lease # **1**  
 Legal Desc **SW NW NW** Job Ticket **5050**  
 Section **26** Range **33W**  
 Township **20S**  
 County **Scott** State **KS**  
 Drilling Cont **Southwind Drilling Rig #1**

Comments **Times : 30 - 30 - 15 - 15**

## GENERAL INFORMATION

Test # **2** Test Date **10/26/2008**  
 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 **52.0**  
 Filtrate **7.2** Chlorides **3300**

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

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

Mileage **40** Approved By  
 Standby Time **58**  
 Extra Equipmnt **jars and safety joint**  
 Time on Site **8:15 AM**  
 Tool Picked Up **9:45 AM**  
 Tool Layed Dwn **3:45 PM**

Formation **Lower Kansas City**  
 Interval Top **4190.0** Bottom **4310.0**  
 Anchor Len Below **120.0** Between **0**  
 Total Depth **4310.0**  
 Blow Type **Initial Flow, weak blow building to 8 inches.**  
**o 9 inches. No blow back on shut ins.**

Elevation **2940.00** Kelley Bushings **2950.00**  
 Start Date/Time **10/26/2008 9:18 AM**  
 End Date/Time **10/26/2008 3:53 PM**

**Final Flow, weak blow building t**

## RECOVERY

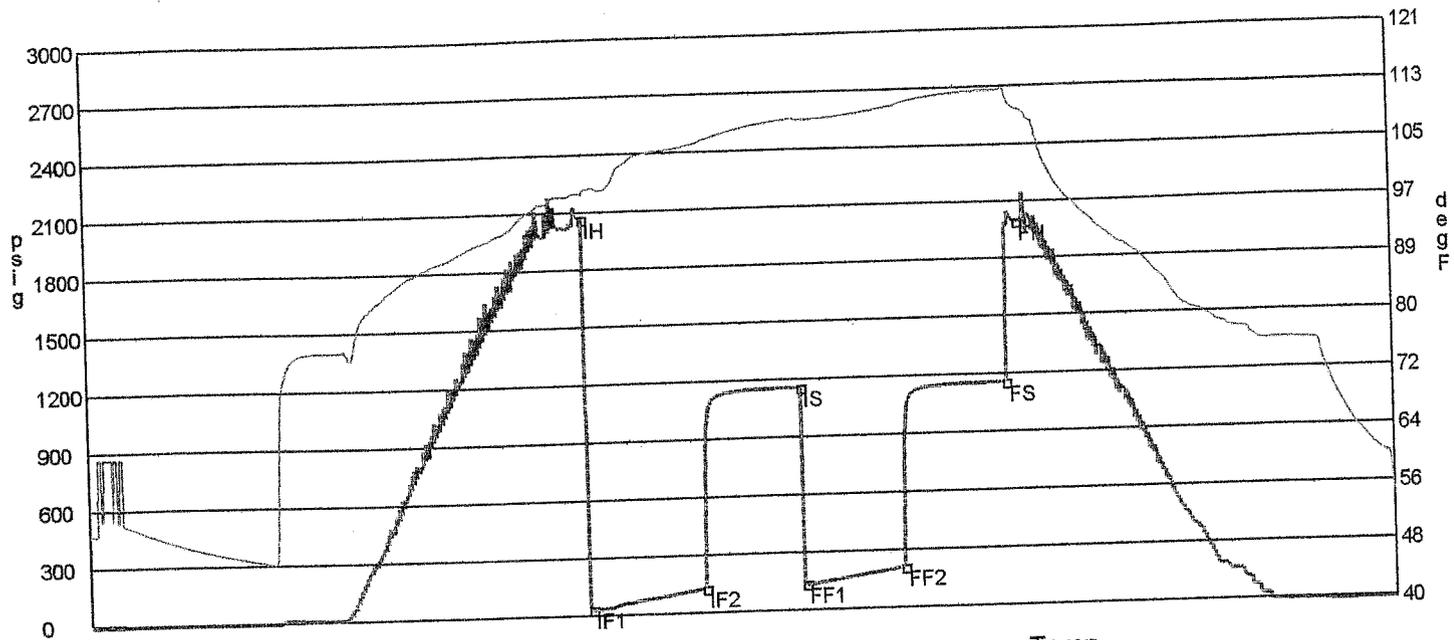
Feet	Description	Gas	Oil	Water	Mud
120	mud	0% 0ft	0% 0ft	0% 0ft	100% 120
400	water	0% 0ft	0% 0ft	100% 400ft	0% 0ft
DST Fluids <b>30000</b>					

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# RICKETTS TESTING



	Date	Time	Pressure	Temp	
IH	10/26/2008 11:46:15 AM	2.466667	2064.464	99.373	Initial Hydro-static
IF1	10/26/2008 11:47:00 AM	2.479167	32.693	99.685	Initial Flow (1)
IF2	10/26/2008 12:21:45 PM	3.058333	126.242	106.008	Initial Flow (2)
IS	10/26/2008 12:51:15 PM	3.55	1155.159	109.119	Initial Shut-In
FF1	10/26/2008 12:51:45 PM	3.558333	134.944	108.983	Final Flow (1)
FF2	10/26/2008 1:22:00 PM	4.0625	209.43	110.699	Final Flow (2)
FS	10/26/2008 1:54:45 PM	4.608333	1154.378	112.452	Final Shut-In
FH	10/26/2008 1:58:45 PM	4.675	1990.427	109.936	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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 Attn. **Klee Watchous**

Lease Name **Savolt Unit**  
 Lease # **1**  
 Legal Desc **SW NW NW**  
 Section **26**  
 Township **20S**  
 County **Scott**  
 Drilling Cont **Southwind Drilling Rig #1**

Job Ticket **5050**  
 Range **33W**  
 State **KS**

Comments **Times : 30 - 30 - 15 - 15**

## GENERAL INFORMATION

Test # **3** Test Date **10/27/2008**  
 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 **9.4** Viscosity **56.0**  
 Filtrate **7.2** Chlorides **4500**

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

Mileage **40** Approved By  
 Standby Time **0**  
 Extra Equipmnt **jars and safety joint**  
 Time on Site **3:45 AM**  
 Tool Picked Up **5:00 AM**  
 Tool Layed Dwn **10:20 AM**

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

Elevation **2940.00** Kelley Bushings **2950.00**

Formation **Pawnee-Marmiton**  
 Interval Top **4290.0** Bottom **4404.0**  
 Anchor Len Below **114.0** Between **0**

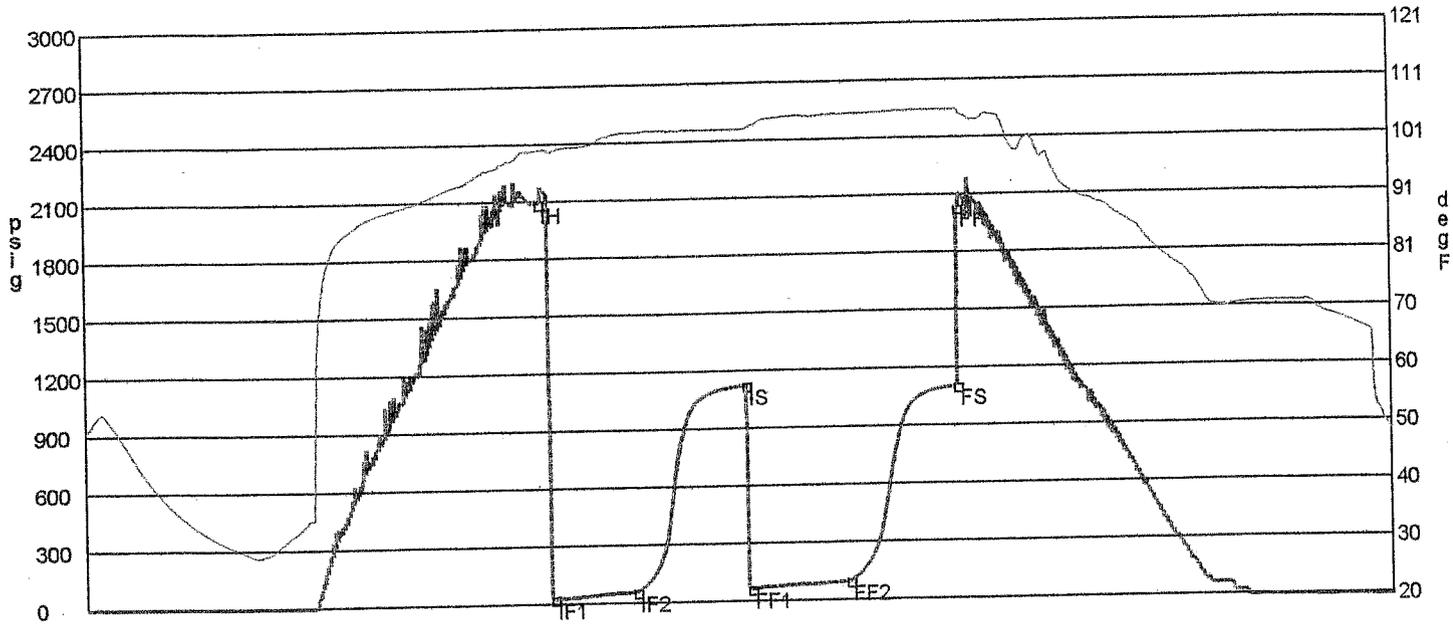
Start Date/Time **10/27/2008 4:15 AM**  
 End Date/Time **10/27/2008 10:24 AM**

Total Depth **4404.0**  
 Blow Type **Initial Flow, weak blow building to strong, BOB in 22 minutes. Final Flow, weak blow building to 7 inches. No blow back on shut ins.**

## RECOVERY

Feet	Description	Gas	Oil	Water	Mud
170	oil cut mud	0% 0ft	7% 11.9ft	0% 0ft	93% 11.9ft
DST Fluids		<b>0</b>			

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	Date	Time	Pressure	Temp	
IH	10/27/2008 6:20:45 AM	2.095833	2085.763	99.662	Initial Hydro-static
IF1	10/27/2008 6:24:00 AM	2.15	23.654	99.457	Initial Flow (1)
IF2	10/27/2008 6:47:15 AM	2.5375	54.807	102.586	Initial Flow (2)
IS	10/27/2008 7:18:15 AM	3.054167	1120.185	102.816	Initial Shut-In
FF1	10/27/2008 7:19:15 AM	3.070833	60.528	102.917	Final Flow (1)
FF2	10/27/2008 7:47:45 AM	3.545833	94.715	105.19	Final Flow (2)
FS	10/27/2008 8:19:00 AM	4.066667	1102.182	105.629	Final Shut-In
FH	10/27/2008 8:19:15 AM	4.070833	2028.765	105.734	Final Hydro-static

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Township **20S**  
County **Scott** State **KS**  
Drilling Cont **Southwind Drilling Rig #1**

Comments **Times : 30 - 30 - 15 - 15**

**GENERAL INFORMATION**

Test # **4** Test Date **10/28/2008**  
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 **9.3** Viscosity **44.0**  
Filtrate **8.8** Chlorides **4200**

Drill Collar Len **30.0**  
Wght Pipe Len **0**

Formation **Mississippi**  
Interval Top **4565.0** Bottom **4700.0**  
Anchor Len Below **135.0** Between **0**  
Total Depth **4700.0**  
Blow Type **Initial Flow, weak blow staying the same at 1/4 inch. No blow on shut in. Final Flow, No blow.**

Chokes **3/4** Hole Size **7 7/8**  
Top Recorder # **W1023**  
Mid Recorder #  
Bott Recorder # **113564**

Mileage **40** Approved By  
Standby Time **7**  
Extra Equipmnt **jars and safety joint**  
Time on Site **12:00 AM**  
Tool Picked Up **5:30 PM**  
Tool Layed Dwn **11:30 PM**

Elevation **2940.00** Kelley Bushings **2950.00**

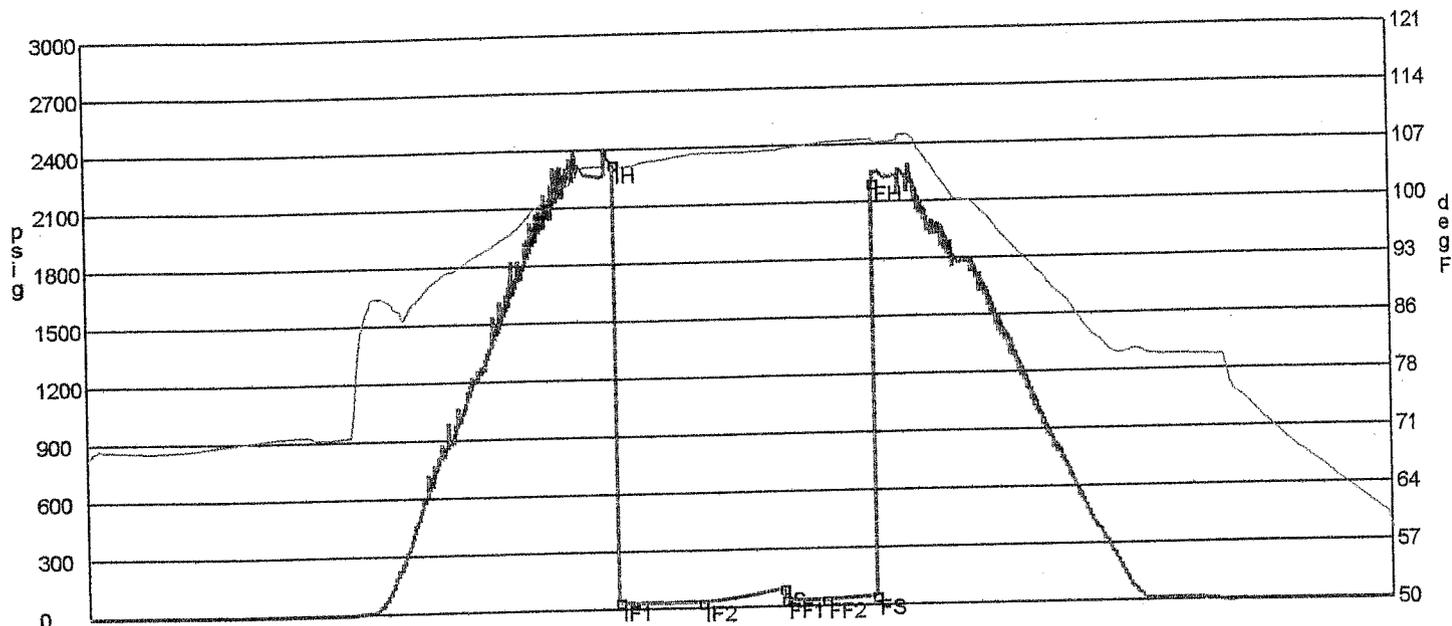
Start Date/Time **10/28/2008 4:22 PM**  
End Date/Time **10/29/2008 12:11 AM**

**RECOVERY**

Feet	Description	Gas	Oil	Water	Mud
10	mud	0% 0ft	0% 0ft	0% 0ft	100% 10ft
DST Fluids		0			

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	Date	Time	Pressure	Temp	
IH	10/28/2008 7:29:00 PM	3.116667	2326.282	104.572	Initial Hydro-static
IF1	10/28/2008 7:29:15 PM	3.120833	38.873	104.385	Initial Flow (1)
IF2	10/28/2008 7:59:00 PM	3.616667	29.393	106.053	Initial Flow (2)
IS	10/28/2008 8:28:15 PM	4.104167	93.249	106.319	Initial Shut-in
FF1	10/28/2008 8:29:00 PM	4.116667	36.356	106.35	Final Flow (1)
FF2	10/28/2008 8:43:45 PM	4.3625	32.822	107.073	Final Flow (2)
FS	10/28/2008 9:02:00 PM	4.666667	47.953	107.388	Final Shut-in
FH	10/28/2008 9:02:30 PM	4.675	2199.863	107.584	Final Hydro-static

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