

Company	<b>Richlan Drilling</b>	Lease Name	<b>Beran</b>	
Address	<b>598 2nd Ave.</b>	Lease #	<b>2</b>	
CSZ	<b>Beaver, KS 67525</b>	Legal Desc	<b>SE-NE-SW-SW</b>	Job Ticket <b>2159</b>
Attn.	<b>Bob Schreiber</b>	Section	<b>18</b>	Range <b>11W</b>
		Township	<b>17S</b>	
		County	<b>Barton</b>	State <b>KS</b>
		Drilling Cont	<b>Southwind Drilling, Inc. Rig 4</b>	

18-175-11w

Comments **Field: Huslig**  
**Charged double milage on DST #4 to pick up tool on 7-12-2011.**

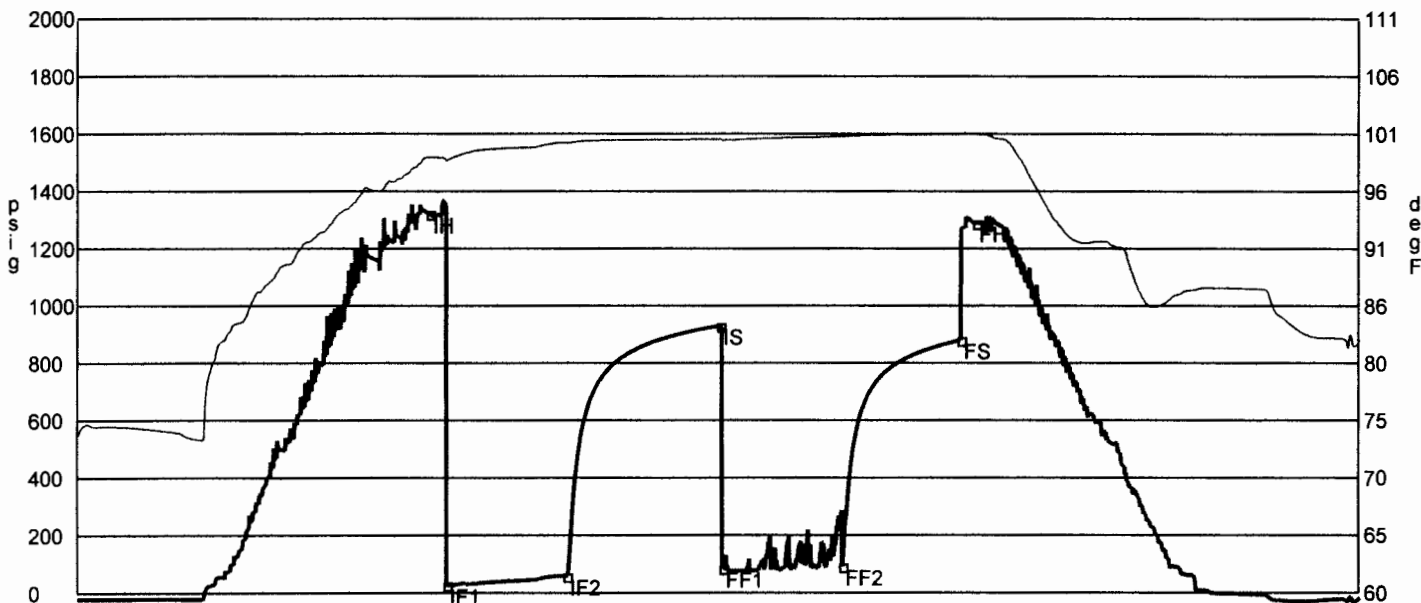
15-009-25571

**GENERAL INFORMATION**

Test # 1		Test Date	<b>7/9/2011</b>	Chokes	<b>3/4</b>	Hole Size	<b>7 7/8</b>
Tester	<b>Tim Venters</b>			Top Recorder #	<b>W1119</b>		
Test Type	<b>Conventional Bottom Hole</b>			Mid Recorder #	<b>W1022</b>		
	<b>Successful Test</b>			Bott Recorder #	<b>13310</b>		
# of Packers	<b>2.0</b>	Packer Size	<b>6 3/4</b>	Mileage	<b>56</b>	Approved By	
Mud Type	<b>Gel Chem</b>			Standby Time	<b>0</b>		
Mud Weight	<b>9.1</b>	Viscosity	<b>53.0</b>	Extra Equipmnt	<b>Jars &amp; Safety joint</b>		
Filtrate	<b>9.2</b>	Chlorides	<b>4700</b>	Time on Site	<b>2:00 AM</b>		
Drill Collar Len	<b>117.0</b>			Tool Picked Up	<b>5:30 AM</b>		
Wght Pipe Len	<b>0</b>			Tool Layed Dwn	<b>10:20 AM</b>		
Formation	<b>Toronto</b>			Elevation	<b>1836.00</b>	Kelley Bushings	<b>1846.00</b>
Interval Top	<b>2845.0</b>	Bottom	<b>2990.0</b>	Start Date/Time	<b>7/9/2011 5:03 AM</b>		
Anchor Len Below	<b>145.0</b>	Between	<b>0</b>	End Date/Time	<b>7/9/2011 10:26 AM</b>		
Total Depth	<b>2990.0</b>						
Blow Type	<b>Weak 1/4" blow at start of intial flow period, building to 7". Very weak surface blow at start of final flow period, building to 4".</b>						
	<b>Times: 30, 40, 30, 30.</b>						

**RECOVERY**

Feet	Description	Gas	Oil	Water	Mud
150	Mud	0% 0ft	0% 0ft	0% 0ft	100% 150ft
DST Fluids	<b>0</b>				



	Date	Time	Pressure	Temp	
IH	7/9/2011 6:31:20 AM	1.472222	1320.085	98.72	Initial Hydro-static
IF1	7/9/2011 6:35:40 AM	1.544444	26.646	98.369	Initial Flow (1)
IF2	7/9/2011 7:06:00 AM	2.05	57.788	100.001	Initial Flow (2)
IS	7/9/2011 7:44:40 AM	2.694444	929.763	100.315	Initial Shut-In
FF1	7/9/2011 7:45:20 AM	2.705556	84.646	100.218	Final Flow (1)
FF2	7/9/2011 8:15:30 AM	3.208333	91.599	100.582	Final Flow (2)
FS	7/9/2011 8:45:20 AM	3.705556	879.539	100.765	Final Shut-In
FH	7/9/2011 8:49:10 AM	3.769444	1288.393	100.771	Final Hydro-static

**GAS FLOWS**

Min Into IFP   Min Into FFP   Gas Flows   Pressure   Choke

Company	<b>Richlan Drilling</b>	Lease Name	<b>Beran</b>	
Address	<b>598 2nd Ave.</b>	Lease #	<b>2</b>	
CSZ	<b>Beaver, KS 67525</b>	Legal Desc	<b>SE-NE-SW-SW</b>	Job Ticket <b>2159</b>
Attn.	<b>Bob Schreiber</b>	Section	<b>18</b>	Range <b>11W</b>
		Township	<b>17S</b>	
		County	<b>Barton</b>	State <b>KS</b>
		Drilling Cont	<b>Southwind Drilling, Inc. Rig 4</b>	

Comments **Field: Huslig**  
**Charged double milage on DST #4 to pick up tool on 7-12-2011.**

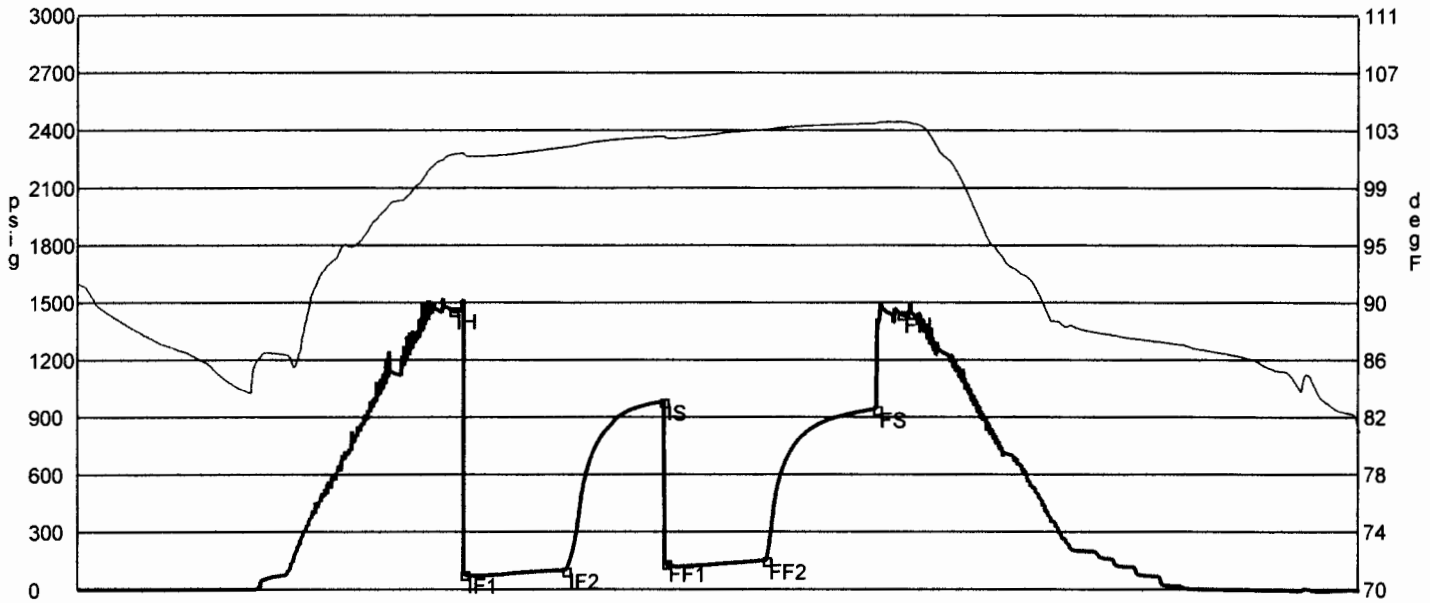
**GENERAL INFORMATION**

Test # <b>2</b>	Test Date <b>7/10/2011</b>	Chokes <b>3/4</b>	Hole Size <b>7 7/8</b>
Tester <b>Tim Venters</b>		Top Recorder # <b>W1119</b>	
Test Type <b>Conventional Bottom Hole</b>		Mid Recorder # <b>W1022</b>	
		Bott Recorder # <b>13310</b>	
# of Packers <b>2.0</b>	Packer Size <b>6 3/4</b>	Mileage <b>28</b>	Approved By
Mud Type <b>Gel Chem</b>		Standby Time <b>0</b>	
Mud Weight <b>9.1</b>	Viscosity <b>53.0</b>	Extra Equipmnt <b>Jars &amp; Safety joint</b>	
Filtrate <b>9.2</b>	Chlorides <b>4700</b>	Time on Site <b>1:00 AM</b>	
Drill Collar Len <b>117.0</b>		Tool Picked Up <b>2:00 AM</b>	
Wght Pipe Len <b>0</b>		Tool Layed Dwn <b>7:50 AM</b>	
Formation <b>Lansing "A-D"</b>		Elevation <b>1836.00</b>	Kelley Bushings <b>1846.00</b>
Interval Top <b>3038.0</b>	Bottom <b>3104.0</b>	Start Date/Time <b>7/10/2011 1:24 PM</b>	
Anchor Len Below <b>66.0</b>	Between <b>0</b>	End Date/Time <b>7/10/2011 7:51 PM</b>	
Total Depth <b>3104.0</b>			
Blow Type <b>Strong blow throughout intial flow period, building, reaching bottom of bucket in 1 min. Strong blow throughout final flow period, building, reaching bottom of bucket in 2 min. Weak surface blow back at start of final shut-in period, building, reaching bottom of bucket in 15 1/2 min. We got gas to surface during this shut-in period. Times: 30, 30, 30, 34.</b>			

**RECOVERY**

Feet	Description	Gas	Oil	Water	Mud
2695	Gas in Pipe	100% 2695ft	0% 0ft	0% 0ft	0% 0ft
15	Gassy, very slight oil cut mud	2% 0.3ft	1% 0.2ft	0% 0ft	97% 14.6ft
185	Very gassy, slight water & mud cut oil	51% 94.4ft	37% 68.4ft	5% 9.2ft	7% 13ft
60	Gassy, water, slight mud cut oil	10% 6ft	57% 34.2ft	28% 16.8ft	5% 3ft
60	Slight oil, mud cut water	0% 0ft	1% 0.6ft	79% 47.4ft	20% 12ft

DST Fluids **60000**



	Date	Time	Pressure	Temp	
IH	7/10/2011 3:16:50 PM	1.880556	1459.055	101.066	Initial Hydro-static
IF1	7/10/2011 3:20:20 PM	1.938889	78.834	101.062	Initial Flow (1)
IF2	7/10/2011 3:51:00 PM	2.45	99.459	101.585	Initial Flow (2)
IS	7/10/2011 4:20:30 PM	2.941667	981.356	102.369	Initial Shut-In
FF1	7/10/2011 4:21:10 PM	2.952778	137.916	102.272	Final Flow (1)
FF2	7/10/2011 4:51:30 PM	3.458333	150.129	102.843	Final Flow (2)
FS	7/10/2011 5:24:50 PM	4.013889	943.099	103.302	Final Shut-In
FH	7/10/2011 5:32:10 PM	4.136111	1439.915	103.397	Final Hydro-static

**GAS FLOWS**

Min Into IFP   Min Into FFP   Gas Flows   Pressure   Choke

Company	<b>Richlan Drilling</b>	Lease Name	<b>Beran</b>	
Address	<b>598 2nd Ave.</b>	Lease #	<b>2</b>	
CSZ	<b>Beaver, KS 67525</b>	Legal Desc	<b>SE-NE-SW-SW</b>	Job Ticket <b>2159</b>
Attn.	<b>Bob Schreiber</b>	Section	<b>18</b>	Range <b>11W</b>
		Township	<b>17S</b>	
		County	<b>Barton</b>	State <b>KS</b>
		Drilling Cont	<b>Southwind Drilling, Inc. Rig 4</b>	

Comments **Field: Huslig**  
**Charged double milage on DST #4 to pick up tool on 7-12-2011.**

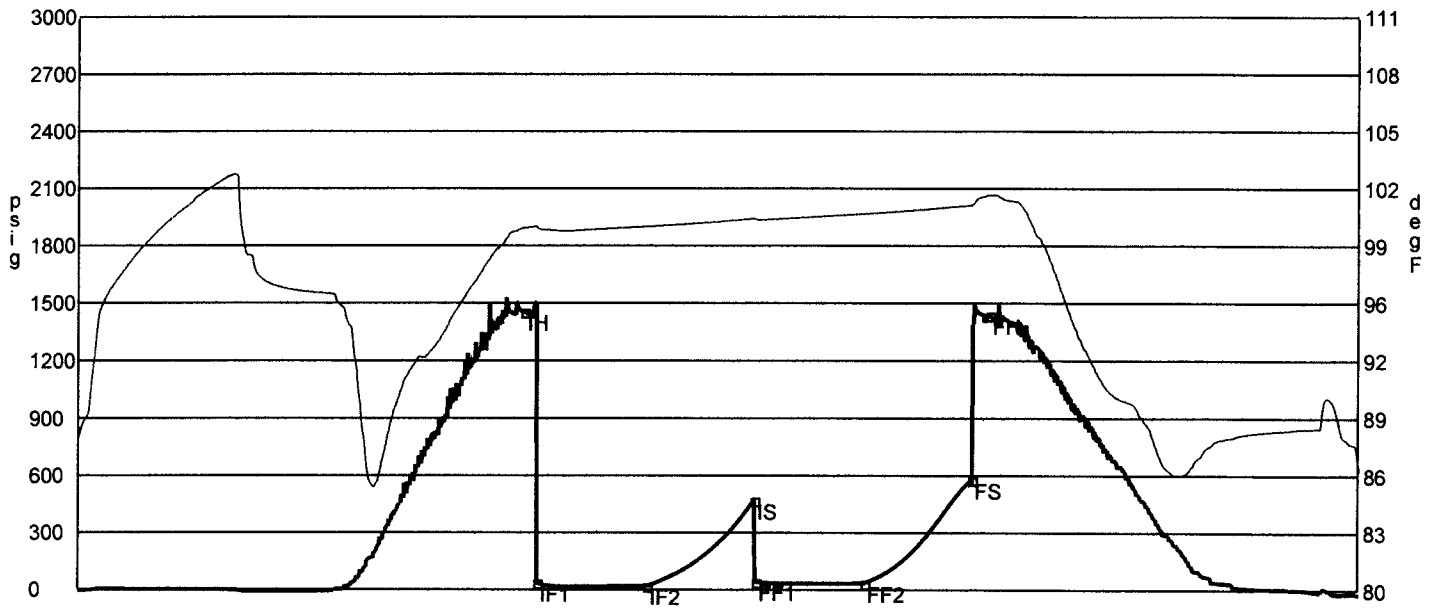
**GENERAL INFORMATION**

Test # <b>3</b>	Test Date <b>7/10/2011</b>	Chokes <b>3/4</b>	Hole Size <b>7 7/8</b>
Tester <b>Tim Venters</b>		Top Recorder # <b>W1119</b>	
Test Type <b>Conventional Bottom Hole</b>		Mid Recorder # <b>W1022</b>	
		Bott Recorder # <b>13310</b>	
# of Packers <b>2.0</b>	Packer Size <b>6 3/4</b>	Mileage <b>28</b>	Approved By
		Standby Time <b>0</b>	
Mud Type <b>Gel Chem</b>		Extra Equipmnt <b>Jars &amp; Safety joint</b>	
Mud Weight <b>9.1</b>	Viscosity <b>47.0</b>	Time on Site <b>4:35 PM</b>	
Filtrate <b>12.0</b>	Chlorides <b>8400</b>	Tool Picked Up <b>5:50 PM</b>	
		Tool Layed Dwn <b>10:55 PM</b>	
Drill Collar Len <b>117.0</b>		Elevation <b>1836.00</b>	Kelley Bushings <b>1846.00</b>
Wght Pipe Len <b>0</b>			
Formation <b>Lansing "F-G"</b>		Start Date/Time <b>7/10/2011 5:04 PM</b>	
Interval Top <b>3102.0</b>	Bottom <b>3142.0</b>	End Date/Time <b>7/10/2011 10:58 PM</b>	
Anchor Len Below <b>40.0</b>	Between <b>0</b>		
Total Depth <b>3142.0</b>			
Blow Type <b>Weak surface blow at start of inital flow period, building, reaching bottom of bucket in 10 min. Very strong blow throughout final flow period, hitting bottom of bucket instantly. Times: 30, 30, 30, 30.</b>			

**RECOVERY**

Feet	Description	Gas	Oil	Water	Mud
565	Gas in Pipe	100% 565ft	0% 0ft	0% 0ft	0% 0ft
50	Gassy, very slight oil cut mud	3% 1.5ft	2% 1ft	0% 0ft	95% 47.5ft
60	Gassy, oil cut mud	10% 6ft	22% 13.2ft	0% 0ft	68% 40.8ft

DST Fluids **0**



	Date	Time	Pressure	Temp	
IH	7/10/2011 7:06:50 PM	2.047222	1454.263	99.561	Initial Hydro-static
IF1	7/10/2011 7:10:30 PM	2.108333	35.29	99.552	Initial Flow (1)
IF2	7/10/2011 7:40:50 PM	2.613889	19.217	99.632	Initial Flow (2)
IS	7/10/2011 8:10:30 PM	3.108333	468.284	100.068	Initial Shut-In
FF1	7/10/2011 8:11:00 PM	3.116667	41.089	100.02	Final Flow (1)
FF2	7/10/2011 8:41:00 PM	3.616667	34.4	100.325	Final Flow (2)
FS	7/10/2011 9:10:40 PM	4.111111	578.292	100.788	Final Shut-In
FH	7/10/2011 9:15:30 PM	4.191667	1437.049	101.324	Final Hydro-static

**GAS FLOWS**

Min Into IFP   Min Into FFP   Gas Flows   Pressure   Choke

Company	<b>Richlan Drilling</b>	Lease Name	<b>Beran</b>	
Address	<b>598 2nd Ave.</b>	Lease #	<b>2</b>	
CSZ	<b>Beaver, KS 67525</b>	Legal Desc	<b>SE-NE-SW-SW</b>	Job Ticket <b>2159</b>
Attn.	<b>Bob Schreiber</b>	Section	<b>18</b>	Range <b>11W</b>
		Township	<b>17S</b>	
		County	<b>Barton</b>	State <b>KS</b>
		Drilling Cont	<b>Southwind Drilling, Inc. Rig 4</b>	

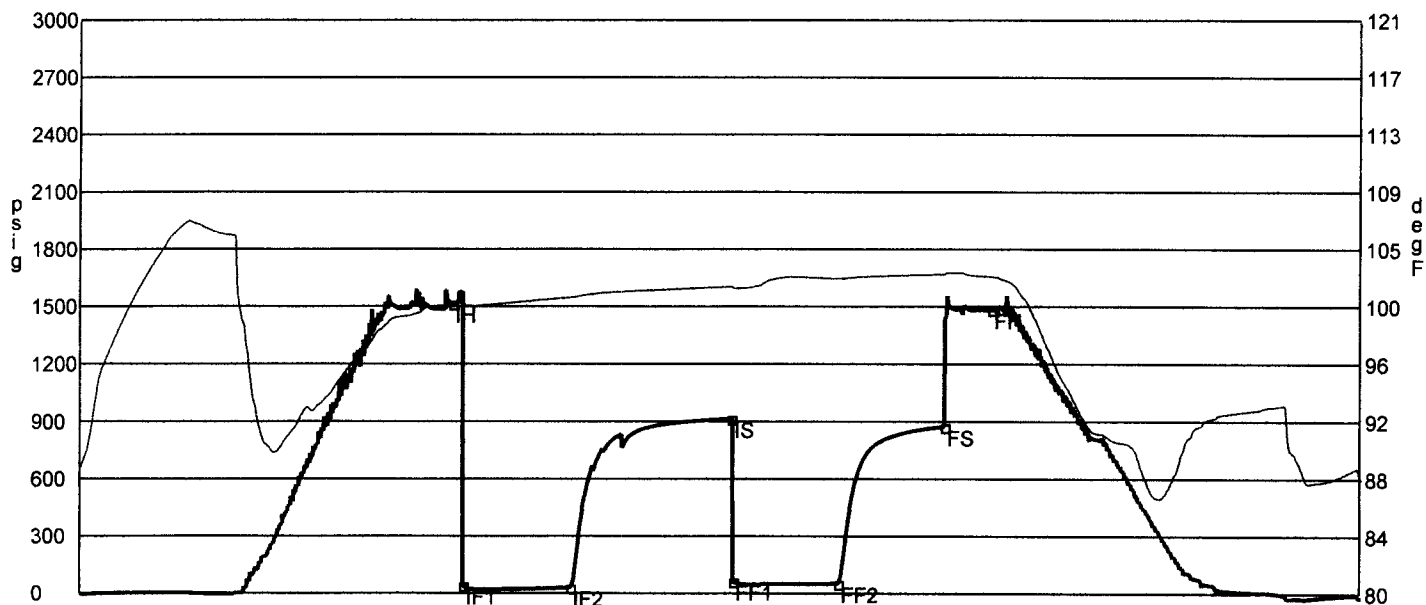
Comments **Field: Huslig**  
**Charged double milage on DST #4 to pick up tool on 7-12-2011.**

**GENERAL INFORMATION**

Test # <b>4</b>	Test Date <b>7/11/2011</b>	Chokes <b>3/4</b>	Hole Size <b>7 7/8</b>
Tester <b>Tim Venters</b>		Top Recorder # <b>W1119</b>	
Test Type <b>Conventional Bottom Hole</b>		Mid Recorder # <b>W1022</b>	
		Bott Recorder # <b>13310</b>	
# of Packers <b>2.0</b>	Packer Size <b>6 3/4</b>	Mileage <b>56</b>	Approved By
		Standby Time <b>0</b>	
Mud Type <b>Gel Chem</b>		Extra Equipmnt <b>Jars &amp; Safety joint</b>	
Mud Weight <b>9.0</b>	Viscosity <b>50.0</b>	Time on Site <b>12:25 PM</b>	
Filtrate <b>10.8</b>	Chlorides <b>8800</b>	Tool Picked Up <b>1:30 PM</b>	
		Tool Layed Dwn <b>6:55 PM</b>	
Drill Collar Len <b>117.0</b>		Elevation <b>1836.00</b>	Kelley Bushings <b>1846.00</b>
Wght Pipe Len <b>0</b>			
Formation <b>Base Of Kansas City</b>		Start Date/Time <b>7/11/2011 12:55 PM</b>	
Interval Top <b>3179.0</b>	Bottom <b>3304.0</b>	End Date/Time <b>7/11/2011 6:57 PM</b>	
Anchor Len Below <b>125.0</b>	Between <b>0</b>		
Total Depth <b>3304.0</b>			
Blow Type <b>Weak surface blow at start of initial flow period, building to 2". Weak surface blow at start of final flow period, building to 1 1/2" . Times: 30, 46, 30, 30.</b>			

**RECOVERY**

<u>Feet</u>	<u>Description</u>	<u>Gas</u>	<u>Oil</u>	<u>Water</u>	<u>Mud</u>
90	Mud with spots of oil	0% 0ft	trace	0% 0ft	100%90ft
DST Fluids	<b>0</b>				



	Date	Time	Pressure	Temp	
IH	7/11/2011 2:39:50 PM	1.747222	1513.097	100.695	Initial Hydro-static
IF1	7/11/2011 2:43:00 PM	1.8	40.556	100.663	Initial Flow (1)
IF2	7/11/2011 3:13:20 PM	2.305556	28.298	101.117	Initial Flow (2)
IS	7/11/2011 3:58:50 PM	3.063889	914.858	101.905	Initial Shut-In
FF1	7/11/2011 3:59:20 PM	3.072222	62.406	101.847	Final Flow (1)
FF2	7/11/2011 4:29:10 PM	3.569444	51.247	102.489	Final Flow (2)
FS	7/11/2011 4:59:10 PM	4.069444	872.89	102.8	Final Shut-In
FH	7/11/2011 5:12:20 PM	4.288889	1484.109	102.628	Final Hydro-static

**GAS FLOWS**

Min Into IFP   Min Into FFP   Gas Flows   Pressure   Choke