

Ricketts Testing, Inc.

17-165-12w

E2 W2 SW



15-009-24888-00-00

Company <u>RICHLAN DRILLING</u>		Lease & Well No. <u>SCHREIBER #1</u>	
Elevation <u>1889 K.B.</u>	Formation <u>ARBUCKLE</u>	Ticket No. <u>2413</u>	
Date <u>12-16-05</u>	Sec. <u>17</u> Twp. <u>16S</u>	Range <u>12W</u>	County <u>BARTON</u> State <u>KS</u>
Test Approved by <u>BOB SCHREIBER</u>		Ricketts Representative <u>JIM RICKETTS</u>	
Formation Test No. <u>2</u>	Interval Tested from <u>3311</u> ft.	to <u>3355</u> ft.	Total Depth <u>3355</u> ft.
Packer Depth <u>3311</u> ft.	Size <u>6 3/4</u> in.	Packer Depth _____ ft.	Size _____ in.
Packer Depth <u>3308</u> ft.	Size <u>6 3/4</u> in.	Packer Depth _____ ft.	Size _____ in.
Top Recorder Depth (Inside) _____	<u>3316</u> ft.	Recorder Number <u>13564</u>	Cap. <u>4475</u>
Bottom Recorder Depth (Outside) _____	<u>3319</u> ft.	Recorder Number <u>W1022</u>	Cap. <u>10000</u>
Below Straddle Recorder Depth _____	ft.	Recorder Number _____	Cap. _____
Drilling Contractor <u>SHIELDS DRILLING RIG #2</u>	Drill Collar Length _____	I.D. _____	in.
Mud Type <u>CHEMICAL</u> Viscosity <u>47</u>	Weight Pipe Length <u>372</u>	I.D. <u>2.25</u>	in.
Weight <u>9.4</u> Water Loss <u>8.8</u> cc.	Drill Pipe Length <u>2919</u>	I.D. <u>3.25</u>	in.
Chlorides <u>4,800</u> P.P.M.	Test Tool Length <u>20</u> ft.	Tool Size <u>5 1/2</u>	in.
Bars: Make _____ Serial Number _____	Anchor Length <u>44</u> ft.	Size <u>5 1/2</u>	in.
Did Well Flow? <u>NO</u> Reversed Out <u>NO</u>	Surface Choke Size <u>3/4</u> in.	Bottom Choke Size <u>3/4</u>	in.
Gravity Oil <u>42°</u>	Main Hole Size <u>7 7/8</u> in.	Tool Joint Size <u>4 1/2</u> FH	in.
Flow: <u>STRONG BLOW IN 5 MINUTES INITIAL FLOW PERIOD. STRONG BLOW IN 5 MINUTES FINAL FLOW PERIOD.</u>			
Recovered <u>690</u> ft. of <u>OIL.</u>			
Recovered _____ ft. of _____			
Recovered _____ ft. of _____			
Recovered _____ ft. of _____			
Recovered _____ ft. of _____			
Remarks: _____			
Time Set Packer (s) <u>10:53</u> A.M.	Time Started Off Bottom <u>12:53</u> P.M.	Maximum Temperature <u>108°</u>	
Initial Hydrostatic Pressure.....(A)	<u>1639</u>	P.S.I.	
Initial Flow PeriodMinutes <u>30</u>	(B) <u>22</u>	P.S.I.	to
±	(C) <u>196</u>	P.S.I.	
Initial Closed In PeriodMinutes <u>30</u>	(D) <u>1072</u>	P.S.I.	
Final Flow PeriodMinutes <u>30</u>	(E) <u>203</u>	P.S.I.	to
	(F) <u>269</u>	P.S.I.	
Final Closed In PeriodMinutes <u>30</u>	(G) <u>1057</u>	P.S.I.	
Final Hydrostatic Pressure(H)	<u>1613</u>	P.S.I.	

27-1-0-12w

Pressure Test Report

COMPANY INFORMATION

Company Name	Richlan Drlg.
Representative	Bob Schreiber
Phone	
Fax	
Address	

E-Mail Address
Service Company

WELL INFORMATION

Well Name	Schreiber #1
Well Location	17-16-12W E/2 W/2 SW 1/4
Field and Pool	Beaver
Status (Oil, Gas, Water, Injection)	Oil
Perforated Intervals	
Mid-point of Perforated Intervals (MPP)	
Drilling Rig Number	Shields Rig #2
Elevations	
Kelly Bushing (KB)	1889KB
Casing Flange (CF)	
KB-CF	
Ground Level	1884GL
Plug Back Total Depth	
Total Depth	
Production Casing	
Production Tubing	3355'

TEST INFORMATION

Type of Test	DST#2 3311 to 3355'
Date(s) of Test	12-16-2005
Dead-weight Gauge Tubing Pressure	
Dead-weight Gauge Casing Pressure	
Shut-in Date (Duration)	12-16-2005
Date / Time on Bottom	12-16-2005 @ 10:53am
Date / Time off Bottom	12-16-2005 @ 12:53 PM

Probe Serial Number	
Probe Offset from End of Tool String	
Run Depth at Probe Pressure Port	3316'

PRESSURE TEST RESULTS

Maximum Recorded Probe Pressure	1662.2 psig
Maximum Recorded Probe Temperature	108.9 deg F
Final Buildup Pressure	
Gradient Survey Information	
Extrapolated Pressure to MPP	
Final Gradient at Depth	
Job Number	



Company Name
Well Name
Type of Test
Date(s) of Test

Richlan Drig.
Schreiber #1
DST#2 3311 to 3355'
12-16-2005



COMMENTS

Reported By

James Ricketts

Strong Blow in 5 mins. initial flow period. Strong blow in 5 mins. final flow period. Recovery 690' Oil , 120' gas in pipe. Gr. 40

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2005/12/16	10:40:15	1.6694	1442.519	86.891
2005/12/16	10:41:00	1.6819	1412.505	87.193
2005/12/16	10:42:15	1.7028	1430.208	87.672
2005/12/16	10:43:15	1.7194	1505.619	88.072
2005/12/16	10:44:15	1.7361	1535.836	88.387
2005/12/16	10:45:15	1.7528	1565.996	88.795
2005/12/16	10:46:00	1.7653	1595.473	89.208
2005/12/16	10:47:15	1.7861	1587.162	89.695
2005/12/16	10:48:15	1.8028	1580.762	89.922
2005/12/16	10:49:00	1.8153	1607.755	90.167
2005/12/16	10:50:15	1.8361	1629.838	90.532
2005/12/16	10:51:00	1.8486	1624.631	90.684
2005/12/16	10:52:15	1.8694	1624.496	90.860
2005/12/16	10:53:00	1.8819	1639.619	91.099
Initial HYD				
2005/12/16	10:54:15	1.9028	1639.656	91.371
Initial Flow				
2005/12/16	10:54:30	1.9069	22.664	91.222
2005/12/16	10:55:00	1.9153	28.656	91.476
2005/12/16	10:56:15	1.9361	41.955	91.724
2005/12/16	10:57:15	1.9528	52.176	92.354
2005/12/16	10:58:15	1.9694	62.214	92.995
2005/12/16	10:59:15	1.9861	71.237	93.265
2005/12/16	11:00:00	1.9986	77.359	93.387
2005/12/16	11:01:15	2.0194	85.851	93.555
2005/12/16	11:02:00	2.0319	92.033	93.632
2005/12/16	11:03:15	2.0528	102.340	93.780
2005/12/16	11:04:00	2.0653	107.878	93.895
2005/12/16	11:05:15	2.0861	116.995	94.084
2005/12/16	11:06:00	2.0986	123.115	94.235
2005/12/16	11:07:15	2.1194	133.448	94.541
2005/12/16	11:08:15	2.1361	141.770	94.836
2005/12/16	11:09:00	2.1486	147.757	95.045
2005/12/16	11:10:15	2.1694	153.772	95.358
2005/12/16	11:11:15	2.1861	160.457	95.554
2005/12/16	11:12:15	2.2028	166.674	95.740
2005/12/16	11:13:15	2.2194	172.179	95.909
2005/12/16	11:14:00	2.2319	174.889	96.028
2005/12/16	11:15:15	2.2528	177.799	96.224
2005/12/16	11:16:00	2.2653	179.140	96.332
2005/12/16	11:17:15	2.2861	180.618	96.521
2005/12/16	11:18:00	2.2986	181.977	96.615
2005/12/16	11:19:15	2.3194	184.486	96.775
2005/12/16	11:20:00	2.3319	186.054	96.868
2005/12/16	11:21:15	2.3528	188.551	97.038
2005/12/16	11:22:15	2.3694	190.621	97.165
2005/12/16	11:23:15	2.3861	192.496	97.293
2005/12/16	11:24:15	2.4028	195.066	97.432
Initial Flow				
2005/12/16	11:25:00	2.4153	196.231	97.540

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2005/12/16	11:26:15	2.4361	888.579	98.280
2005/12/16	11:27:00	2.4486	934.705	98.769
2005/12/16	11:28:15	2.4694	975.867	99.441
2005/12/16	11:29:00	2.4819	991.331	99.828
2005/12/16	11:30:15	2.5028	1009.325	100.429
2005/12/16	11:31:15	2.5194	1019.437	100.812
2005/12/16	11:32:00	2.5319	1025.507	101.048
2005/12/16	11:33:15	2.5528	1033.914	101.399
2005/12/16	11:34:00	2.5653	1038.029	101.577
2005/12/16	11:35:15	2.5861	1043.848	101.806
2005/12/16	11:36:15	2.6028	1047.779	101.970
2005/12/16	11:37:15	2.6194	1051.109	102.094
2005/12/16	11:38:15	2.6361	1054.063	102.196
2005/12/16	11:39:00	2.6486	1056.043	102.263
2005/12/16	11:40:15	2.6694	1059.010	102.357
2005/12/16	11:41:00	2.6819	1060.508	102.411
2005/12/16	11:42:15	2.7028	1062.827	102.483
2005/12/16	11:43:15	2.7194	1064.517	102.535
2005/12/16	11:44:00	2.7319	1065.619	102.569
2005/12/16	11:45:15	2.7528	1067.252	102.616
2005/12/16	11:46:00	2.7653	1068.239	102.645
2005/12/16	11:47:15	2.7861	1069.695	102.673
2005/12/16	11:48:00	2.7986	1070.399	102.699
2005/12/16	11:49:15	2.8194	1071.635	102.729
2005/12/16	11:50:15	2.8361	1072.409	102.745
2005/12/16	11:51:15	2.8528	1073.247	102.760
2005/12/16	11:52:15	2.8694	1074.031	102.772
2005/12/16	11:53:00	2.8819	1074.573	102.778
Initial Buildup				
2005/12/16	11:54:15	2.9028	1072.034	102.798
Final Flow				
2005/12/16	11:54:30	2.9069	203.637	102.697
2005/12/16	11:55:15	2.9194	201.792	102.357
2005/12/16	11:56:00	2.9319	202.420	102.126
2005/12/16	11:57:15	2.9528	206.348	102.272
2005/12/16	11:58:00	2.9653	208.455	102.502
2005/12/16	11:59:15	2.9861	210.969	102.886
2005/12/16	12:00:00	2.9986	212.838	103.118
2005/12/16	12:01:15	3.0194	215.332	103.498
2005/12/16	12:02:00	3.0319	216.826	103.737
2005/12/16	12:03:15	3.0528	219.457	104.115
2005/12/16	12:04:15	3.0694	222.068	104.398
2005/12/16	12:05:15	3.0861	224.056	104.680
2005/12/16	12:06:15	3.1028	226.400	104.914
2005/12/16	12:07:00	3.1153	228.353	105.093
2005/12/16	12:08:15	3.1361	231.237	105.411
2005/12/16	12:09:00	3.1486	233.214	105.580
2005/12/16	12:10:15	3.1694	235.845	105.836
2005/12/16	12:11:00	3.1819	237.533	105.989
2005/12/16	12:12:15	3.2028	240.161	106.264



Company Name Richlan Drlg.
Well Name Schreiber #1
Type of Test DST#2 3311 to 3355'
Date(s) of Test 12-16-2005



Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2005/12/16	12:13:00	3.2153	242.221	106.414
2005/12/16	12:14:15	3.2361	244.667	106.677
2005/12/16	12:15:15	3.2528	247.143	106.833
2005/12/16	12:16:00	3.2653	248.740	106.936
2005/12/16	12:17:15	3.2861	252.141	107.112
2005/12/16	12:18:15	3.3028	254.146	107.312
2005/12/16	12:19:15	3.3194	256.385	107.487
2005/12/16	12:20:15	3.3361	258.769	107.643
2005/12/16	12:21:00	3.3486	260.479	107.767
2005/12/16	12:22:15	3.3694	262.608	107.899
2005/12/16	12:23:00	3.3819	263.983	107.947
2005/12/16	12:24:15	3.4028	266.870	108.057
2005/12/16	12:25:00	3.4153	268.838	108.131
Final Flow				
2005/12/16	12:25:15	3.4194	269.441	108.163
2005/12/16	12:26:15	3.4361	821.578	108.387
2005/12/16	12:27:00	3.4486	897.317	108.514
2005/12/16	12:28:15	3.4694	949.725	108.639
2005/12/16	12:29:15	3.4861	971.899	108.707
2005/12/16	12:30:15	3.5028	986.704	108.750
2005/12/16	12:31:15	3.5194	997.772	108.790
2005/12/16	12:32:00	3.5319	1004.054	108.804
2005/12/16	12:33:15	3.5528	1012.692	108.837
2005/12/16	12:34:00	3.5653	1016.969	108.849
2005/12/16	12:35:15	3.5861	1023.036	108.862
2005/12/16	12:36:00	3.5986	1026.072	108.873
2005/12/16	12:37:15	3.6194	1030.555	108.869
2005/12/16	12:38:15	3.6361	1033.730	108.874
2005/12/16	12:39:00	3.6486	1035.750	108.871
2005/12/16	12:40:15	3.6694	1038.802	108.865
2005/12/16	12:41:00	3.6819	1040.442	108.855
2005/12/16	12:42:15	3.7028	1043.050	108.846
2005/12/16	12:43:15	3.7194	1044.645	108.828
2005/12/16	12:44:15	3.7361	1046.329	108.810
2005/12/16	12:45:15	3.7528	1047.697	108.790
2005/12/16	12:46:00	3.7653	1048.813	108.772
2005/12/16	12:47:15	3.7861	1050.295	108.741
2005/12/16	12:48:00	3.7986	1051.222	108.727
2005/12/16	12:49:15	3.8194	1052.459	108.684
2005/12/16	12:50:00	3.8319	1053.089	108.646
2005/12/16	12:51:15	3.8528	1054.408	108.592
2005/12/16	12:52:00	3.8653	1055.140	108.570
2005/12/16	12:53:15	3.8861	1056.281	108.525
Final Buildup				
2005/12/16	12:54:00	3.8986	1057.000	108.505
2005/12/16	12:54:15	3.9028	1057.153	108.496
Final HYD				
2005/12/16	12:55:15	3.9194	1613.721	108.523
2005/12/16	12:56:15	3.9361	1595.100	107.371
2005/12/16	12:57:00	3.9486	1589.285	106.887



Company Name
Well Name
Type of Test
Date(s) of Test

Richlan Drig.
Schreiber #1
DST#2 3311 to 3355
12-16-2005



Schreiber #1 DST#2

