

M-1-10-20

15-185-23308

32-21s-13w

Ricketts

Testing, Inc.

KCC

ORIGINAL

CONFIDENTIAL



JUL 15 2005

CONFIDENTIAL

Company MURFIN DRILLING COMPANY, INC. Lease & Well No. RFP #1-32
 Location 1902 G.L. Formation LKC (I-K) Ticket No. 2307
 Date 4-10-05 Sec. 32 Twp. 21S Range 13W County STAFFORD State KS
 Test Approved by JEFF ZOLLER Ricketts Representative JIMMY RICKETTS

Formation Test No. 1 Interval Tested from 3536 ft. to 3600 ft. Total Depth 3600 ft.
 Packer Depth 3536 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Packer Depth 3533 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3541 ft. Recorder Number 11027 Cap. 4275
 Bottom Recorder Depth (Outside) 3544 ft. Recorder Number W1023 Cap. 10000
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____

Drilling Contractor BERENTZ DRILLING RIG #1 Drill Collar Length 382 I.D. 2.25 in.
 Mud Type CHEMICAL Viscosity 51 Weight Pipe Length _____ I.D. _____ in.
 Weight 9.15 Water Loss 9.6 cc. Drill Pipe Length 3134 I.D. 3.25 in.
 Chlorides 6800 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 in.
 Bars: Make _____ Serial Number _____ Anchor Length 64 ft. Size 5 1/2 in.
 Did Well Flow? NO Reversed Out NO Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
 Gravity Oil _____ Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 XH in.

Flow: WEAK BLOW BUILDING TO 2" INITIAL FLOW PERIOD. WEAK BLOW BUILDING TO 2" FINAL FLOW PERIOD.

Recovered 4 ft. of CLEAN OIL.
 Recovered 70 ft. of SLIGHTLY OIL CUT MUD. 3% OIL 97% MUD
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

Remarks: _____

Time Set Packer (s) 8:16 A.M. Time Started Off Bottom 12:16 A.M. Maximum Temperature 103°
 Initial Hydrostatic Pressure(A) 1777 P.S.I.
 Initial Flow PeriodMinutes 30 (B) 40 P.S.I. to
 (C) 56 P.S.I.
 Initial Closed In PeriodMinutes 60 (D) 635 P.S.I.
 Final Flow PeriodMinutes 60 (E) 54 P.S.I. to
 (F) 73 P.S.I.
 Final Closed In PeriodMinutes 60 (G) 597 P.S.I.
 Final Hydrostatic Pressure(H) 1737 P.S.I.

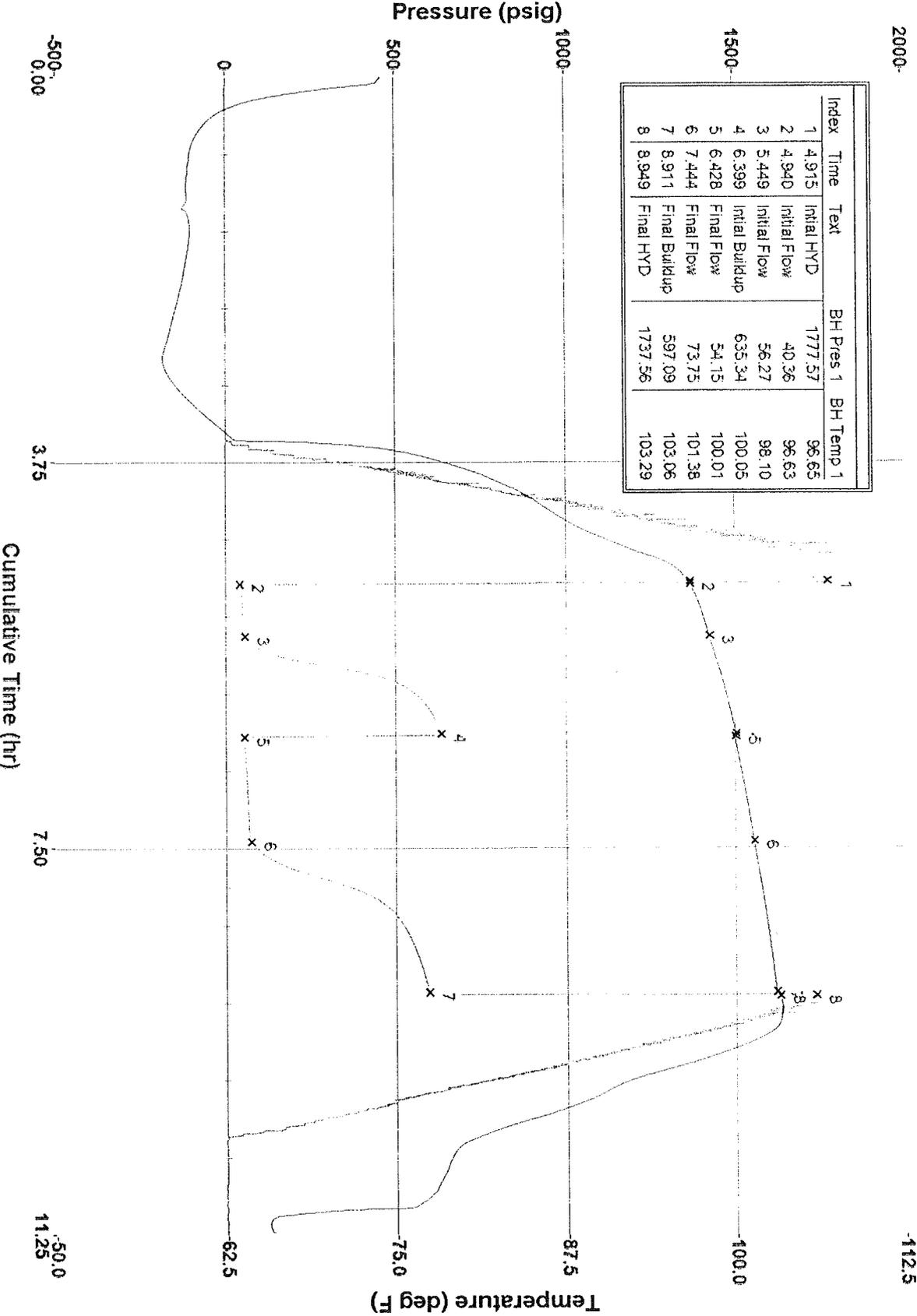
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Company Name: Maurfin Drilling Company, Inc.
 Well Name: RFP 1-32
 Type of Test: DST #1 3536 to 3600
 Date(s) of Test: 4-10-2005

RFP 1-32 DST #1

Index	Time	Text	BH Pres 1	BH Temp 1
1	4.915	Initial HYD	1777.57	96.65
2	4.940	Initial Flow	40.36	96.63
3	5.449	Initial Flow	56.27	98.10
4	6.399	Initial Buildup	635.34	100.05
5	6.428	Final Flow	54.15	100.01
6	7.444	Final Flow	73.75	101.38
7	8.911	Final Buildup	597.09	103.06
8	8.949	Final HYD	1737.56	103.29



Pressure Test Report

COMPANY INFORMATION

Company Name	Murfin Drilling Company, Inc.
Representative	Jeff Zoller
Phone	
Fax	
Address	

E-Mail Address
Service Company

WELL INFORMATION

Well Name	RFP 1-32
Well Location	32 21S 13W SE SE NW
Field and Pool	Wildcat
Status (Oil, Gas, Water, Injection)	Oil and Gas
Perforated Intervals	
Mid-point of Perforated Intervals (MPP)	
Drilling Rig Number	Berentz Drilling #1
Elevations	
Kelly Bushing (KB)	1907 KB
Casing Flange (CF)	
KB-CF	
Ground Level	1902 GL
Plug Back Total Depth	
Total Depth	3600
Production Casing	
Production Tubing	

TEST INFORMATION

Type of Test	DST #1 3536 to 3600
Date(s) of Test	4-10-2005
Dead-weight Gauge Tubing Pressure	
Dead-weight Gauge Casing Pressure	
Shut-in Date (Duration)	4-10-2005
Date / Time on Bottom	4-10-2005 8:16 am
Date / Time off Bottom	4-10-2005 12:16 pm

Probe Serial Number	
Probe Offset from End of Tool String	
Run Depth at Probe Pressure Port	3541

PRESSURE TEST RESULTS

Maximum Recorded Probe Pressure	1850.0 psig
Maximum Recorded Probe Temperature	103.5 deg F
Final Buildup Pressure	
Gradient Survey Information	
Extrapolated Pressure to MPP	
Final Gradient at Depth	
Job Number	



Company Name	Murfin Drilling Company, Inc.
Well Name	RFP 1-32
Type of Test	DST #1 3536 to 3600
Date(s) of Test	4-10-2005

COMMENTS

Reported By

Jimmy Ricketts

Weak blow building to 2" initial flow period. Weak blow building to 2" final flow period. Recovery - 4' clean oil and 70' slightly oil cut mud(3% oil and 97% mud).



Company Name Murfin Drilling Company, Inc.
Well Name RFP 1-32
Type of Test DST #1 3536 to 3600
Date(s) of Test 4-10-2005

Date	Time	Cum. Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2005/04/10	06:41:15	3.3361	0.585	61.473
2005/04/10	06:43:15	3.3694	0.605	61.772
2005/04/10	06:45:15	3.4028	0.648	62.080
2005/04/10	06:47:00	3.4319	0.659	62.344
2005/04/10	06:49:00	3.4653	0.692	62.641
2005/04/10	06:51:00	3.4986	0.740	62.933
2005/04/10	06:53:15	3.5361	16.883	64.936
2005/04/10	06:55:00	3.5653	18.290	70.639
2005/04/10	06:57:15	3.6028	69.549	73.557
2005/04/10	06:59:15	3.6361	137.025	75.198
2005/04/10	07:01:15	3.6694	204.078	76.449
2005/04/10	07:03:15	3.7028	302.285	77.455
2005/04/10	07:05:15	3.7361	376.660	78.310
2005/04/10	07:07:15	3.7694	369.583	79.144
2005/04/10	07:09:15	3.8028	506.960	79.968
2005/04/10	07:11:15	3.8361	473.321	80.708
2005/04/10	07:13:15	3.8694	533.500	81.390
2005/04/10	07:15:15	3.9028	603.988	81.984
2005/04/10	07:17:15	3.9361	617.803	82.544
2005/04/10	07:19:00	3.9653	685.471	83.028
2005/04/10	07:21:15	4.0028	771.496	83.694
2005/04/10	07:23:00	4.0319	813.318	84.151
2005/04/10	07:25:00	4.0653	912.875	84.547
2005/04/10	07:27:00	4.0986	902.437	84.974
2005/04/10	07:29:15	4.1361	1032.024	85.417
2005/04/10	07:31:15	4.1694	1028.718	85.775
2005/04/10	07:33:15	4.2028	1092.242	86.148
2005/04/10	07:35:00	4.2319	1125.341	86.479
2005/04/10	07:37:15	4.2694	1181.044	86.918
2005/04/10	07:39:00	4.2986	1209.954	87.285
2005/04/10	07:41:00	4.3319	1274.877	87.708
2005/04/10	07:43:00	4.3653	1389.185	88.156
2005/04/10	07:45:00	4.3986	1359.330	88.655
2005/04/10	07:47:00	4.4319	1416.948	89.200
2005/04/10	07:49:00	4.4653	1466.664	89.785
2005/04/10	07:51:15	4.5028	1593.016	90.478
2005/04/10	07:53:00	4.5319	1574.532	91.020
2005/04/10	07:55:15	4.5694	1640.437	91.756
2005/04/10	07:57:15	4.6028	1728.191	92.399
2005/04/10	07:59:15	4.6361	1726.698	93.079
2005/04/10	08:01:15	4.6694	1738.738	93.848
2005/04/10	08:03:15	4.7028	1721.497	94.600
2005/04/10	08:05:15	4.7361	1722.298	95.133
2005/04/10	08:07:15	4.7694	1720.917	95.527
2005/04/10	08:09:15	4.8028	1718.546	95.835
2005/04/10	08:11:15	4.8361	1720.476	96.084
2005/04/10	08:13:15	4.8694	1718.633	96.283
2005/04/10	08:15:15	4.9028	1775.376	96.516
Initial HYD				
2005/04/10	08:16:00	4.9153	1777.572	96.645



Company Name Murfin Drilling Company, Inc.
Well Name RFP 1-32
Type of Test DST #1 3536 to 3600
Date(s) of Test 4-10-2005

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2005/04/10	08:17:15	4.9361	40.119	96.618
Initial Flow				
2005/04/10	08:17:30	4.9403	40.362	96.627
2005/04/10	08:19:15	4.9694	43.247	96.751
2005/04/10	08:21:15	5.0028	44.617	96.894
2005/04/10	08:23:15	5.0361	45.749	97.032
2005/04/10	08:25:15	5.0694	47.323	97.140
2005/04/10	08:27:15	5.1028	48.052	97.254
2005/04/10	08:29:15	5.1361	49.109	97.347
2005/04/10	08:31:15	5.1694	49.799	97.448
2005/04/10	08:33:00	5.1986	49.850	97.516
2005/04/10	08:35:15	5.2361	50.379	97.606
2005/04/10	08:37:00	5.2653	51.261	97.682
2005/04/10	08:39:00	5.2986	51.506	97.759
2005/04/10	08:41:00	5.3319	52.261	97.835
2005/04/10	08:43:00	5.3653	52.607	97.912
2005/04/10	08:45:00	5.3986	52.566	97.997
2005/04/10	08:47:00	5.4319	53.281	98.067
Initial Flow				
2005/04/10	08:48:00	5.4486	56.266	98.105
2005/04/10	08:49:15	5.4694	60.975	98.159
2005/04/10	08:51:00	5.4986	69.833	98.213
2005/04/10	08:53:00	5.5319	83.075	98.289
2005/04/10	08:55:00	5.5653	100.382	98.368
2005/04/10	08:57:00	5.5986	123.461	98.442
2005/04/10	08:59:00	5.6319	154.702	98.521
2005/04/10	09:01:00	5.6653	196.292	98.595
2005/04/10	09:03:00	5.6986	248.335	98.677
2005/04/10	09:05:15	5.7361	314.153	98.766
2005/04/10	09:07:00	5.7653	363.766	98.836
2005/04/10	09:09:15	5.8028	418.549	98.928
2005/04/10	09:11:15	5.8361	457.539	98.998
2005/04/10	09:13:15	5.8694	487.641	99.077
2005/04/10	09:15:15	5.9028	512.089	99.145
2005/04/10	09:17:15	5.9361	531.217	99.210
2005/04/10	09:19:15	5.9694	546.927	99.280
2005/04/10	09:21:15	6.0028	560.071	99.352
2005/04/10	09:23:15	6.0361	571.268	99.419
2005/04/10	09:25:15	6.0694	580.831	99.484
2005/04/10	09:27:15	6.1028	589.249	99.536
2005/04/10	09:29:15	6.1361	596.595	99.599
2005/04/10	09:31:00	6.1653	602.506	99.651
2005/04/10	09:33:15	6.2028	609.192	99.716
2005/04/10	09:35:15	6.2361	614.408	99.784
2005/04/10	09:37:15	6.2694	618.868	99.835
2005/04/10	09:39:15	6.3028	623.824	99.892
2005/04/10	09:41:15	6.3361	628.237	99.946
2005/04/10	09:43:15	6.3694	632.103	100.000
Initial Buildup				
2005/04/10	09:45:00	6.3986	635.339	100.053



Company Name Murfin Drilling Company, Inc.
Well Name RFP 1-32
Type of Test DST #1 3536 to 3600
Date(s) of Test 4-10-2005

Date	Time	Cum. Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2005/04/10	09:45:15	6.4028	631.379	100.065
Final Flow				
2005/04/10	09:46:45	6.4278	54.152	100.013
2005/04/10	09:47:00	6.4319	54.117	100.006
2005/04/10	09:49:15	6.4694	54.866	100.036
2005/04/10	09:51:00	6.4986	55.817	100.078
2005/04/10	09:53:00	6.5319	56.631	100.114
2005/04/10	09:55:00	6.5653	57.116	100.164
2005/04/10	09:57:00	6.5986	57.759	100.220
2005/04/10	09:59:00	6.6319	58.470	100.265
2005/04/10	10:01:00	6.6653	58.770	100.315
2005/04/10	10:03:15	6.7028	59.444	100.375
2005/04/10	10:05:00	6.7319	59.818	100.413
2005/04/10	10:07:15	6.7694	60.548	100.468
2005/04/10	10:09:15	6.8028	61.044	100.515
2005/04/10	10:11:15	6.8361	61.591	100.564
2005/04/10	10:13:15	6.8694	62.083	100.611
2005/04/10	10:15:15	6.9028	62.487	100.657
2005/04/10	10:17:15	6.9361	62.987	100.713
2005/04/10	10:19:15	6.9694	63.531	100.749
2005/04/10	10:21:00	6.9986	63.981	100.792
2005/04/10	10:23:15	7.0361	64.508	100.843
2005/04/10	10:25:15	7.0694	64.911	100.899
2005/04/10	10:27:15	7.1028	65.497	100.933
2005/04/10	10:29:15	7.1361	65.866	100.976
2005/04/10	10:31:15	7.1694	66.281	101.017
2005/04/10	10:33:15	7.2028	66.721	101.070
2005/04/10	10:35:15	7.2361	67.213	101.116
2005/04/10	10:37:15	7.2694	67.669	101.158
2005/04/10	10:39:15	7.3028	68.166	101.201
2005/04/10	10:41:15	7.3361	68.624	101.235
2005/04/10	10:43:15	7.3694	68.972	101.284
2005/04/10	10:45:00	7.3986	69.413	101.323
2005/04/10	10:47:15	7.4361	72.001	101.368
Final Flow				
2005/04/10	10:47:45	7.4444	73.748	101.376
2005/04/10	10:49:00	7.4653	79.114	101.406
2005/04/10	10:51:00	7.4986	88.774	101.451
2005/04/10	10:53:00	7.5319	99.927	101.489
2005/04/10	10:55:00	7.5653	113.190	101.541
2005/04/10	10:57:00	7.5986	128.793	101.581
2005/04/10	10:59:00	7.6319	147.559	101.628
2005/04/10	11:01:00	7.6653	169.602	101.669
2005/04/10	11:03:15	7.7028	199.094	101.721
2005/04/10	11:05:00	7.7319	225.200	101.759
2005/04/10	11:07:00	7.7653	257.634	101.808
2005/04/10	11:09:00	7.7986	291.490	101.853
2005/04/10	11:11:00	7.8319	324.786	101.899
2005/04/10	11:13:00	7.8653	355.906	101.946
2005/04/10	11:15:00	7.8986	383.584	101.989



Company Name Murfin Drilling Company, Inc.
Well Name RFP 1-32
Type of Test DST #1 3536 to 3600
Date(s) of Test 4-10-2005

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2005/04/10	11:17:15	7.9361	410.205	102.042
2005/04/10	11:19:00	7.9653	427.935	102.081
2005/04/10	11:21:15	8.0028	447.294	102.126
2005/04/10	11:23:15	8.0361	461.913	102.171
2005/04/10	11:25:15	8.0694	474.720	102.211
2005/04/10	11:27:15	8.1028	485.923	102.247
2005/04/10	11:29:15	8.1361	495.851	102.286
2005/04/10	11:31:15	8.1694	504.501	102.321
2005/04/10	11:33:15	8.2028	512.270	102.357
2005/04/10	11:35:15	8.2361	519.499	102.398
2005/04/10	11:37:15	8.2694	526.220	102.438
2005/04/10	11:39:15	8.3028	532.199	102.468
2005/04/10	11:41:15	8.3361	537.807	102.506
2005/04/10	11:43:15	8.3694	542.991	102.535
2005/04/10	11:45:15	8.4028	547.830	102.573
2005/04/10	11:47:15	8.4361	552.440	102.612
2005/04/10	11:49:15	8.4694	556.736	102.637
2005/04/10	11:51:15	8.5028	560.735	102.673
2005/04/10	11:53:15	8.5361	564.587	102.702
2005/04/10	11:55:15	8.5694	568.226	102.736
2005/04/10	11:57:15	8.6028	571.630	102.771
2005/04/10	11:59:00	8.6319	574.544	102.799
2005/04/10	12:01:15	8.6694	578.088	102.837
2005/04/10	12:03:00	8.6986	580.660	102.859
2005/04/10	12:05:00	8.7319	583.492	102.897
2005/04/10	12:07:00	8.7653	586.262	102.924
2005/04/10	12:09:00	8.7986	588.933	102.956
2005/04/10	12:11:00	8.8319	591.417	102.987
2005/04/10	12:13:00	8.8653	593.859	103.014
2005/04/10	12:15:15	8.9028	596.534	103.051
Final Buildup				
2005/04/10	12:15:45	8.9111	597.086	103.059
2005/04/10	12:17:00	8.9319	1739.852	103.203
Final HYD				
2005/04/10	12:18:00	8.9486	1737.560	103.294
2005/04/10	12:19:15	8.9694	1720.189	103.361
2005/04/10	12:21:15	9.0028	1707.434	103.408
2005/04/10	12:23:15	9.0361	1715.776	103.467
2005/04/10	12:25:00	9.0653	1614.546	103.480
2005/04/10	12:27:00	9.0986	1636.417	103.460
2005/04/10	12:29:00	9.1319	1565.521	103.406
2005/04/10	12:31:15	9.1694	1569.693	103.370
2005/04/10	12:33:00	9.1986	1534.873	103.303
2005/04/10	12:35:15	9.2361	1453.416	103.150
2005/04/10	12:37:15	9.2694	1453.806	102.891
2005/04/10	12:39:15	9.3028	1358.511	102.506
2005/04/10	12:41:15	9.3361	1360.162	102.034
2005/04/10	12:43:15	9.3694	1272.388	101.469
2005/04/10	12:45:15	9.4028	1269.673	100.861
2005/04/10	12:47:15	9.4361	1182.256	100.182

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Ricketts Testing, Inc.



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Company MURFIN DRILLING COMPANY, INC. Lease & Well No. RFP #1-32

Elevation 1902 G.L. Formation ARBUCKLE Ticket No. 2308

Date 4-11-05 Sec. 32 Twp. 21S Range 13W County STAFFORD State KS

Test Approved by JEFF ZOLLER Ricketts Representative JIMMY RICKETTS

Formation Test No. 2 Interval Tested from 3720 ft. to 3790 ft. Total Depth 3790 ft.

Packer Depth 3720 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Packer Depth 3717 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3725 ft. Recorder Number 11027 Cap. 4275

Bottom Recorder Depth (Outside) 3728 ft. Recorder Number W1023 Cap. 10000

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____

Drilling Contractor BERENTZ DRILLING RIG #1 Drill Collar Length 208 I.D. 2.25 in.

Mud Type CHEMICAL Viscosity 50 Weight Pipe Length _____ I.D. _____ in.

Weight 9.3 Water Loss 8.0 cc. Drill Pipe Length 3492 I.D. 3.25 in.

Chlorides 5500 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 in.

Jars: Make _____ Serial Number _____ Anchor Length 70 ft. Size 5 1/2 in.

Did Well Flow? NO Reversed Out NO Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Gravity Oil _____ Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 XH in.

Blow: WEAK BLOW BUILDING TO 3" INITIAL FLOW PERIOD. NO BLOW FINAL FLOW PERIOD.

Recovered 70 ft. of VERY SLIGHTLY OIL SPECKED MUD.

Recovered _____ ft. of _____

Remarks: _____

Time Set Packer (s) 1:20 P.M. Time Started Off Bottom 4:35 P.M. Maximum Temperature 106°

Initial Hydrostatic Pressure.....(A) 1868 P.S.I.

Initial Flow PeriodMinutes 30 (B) 43 P.S.I. to

(C) 61 P.S.I.

Initial Closed In PeriodMinutes 60 (D) 1130 P.S.I.

Final Flow PeriodMinutes 15 (E) 65 P.S.I. to

(F) 75 P.S.I.

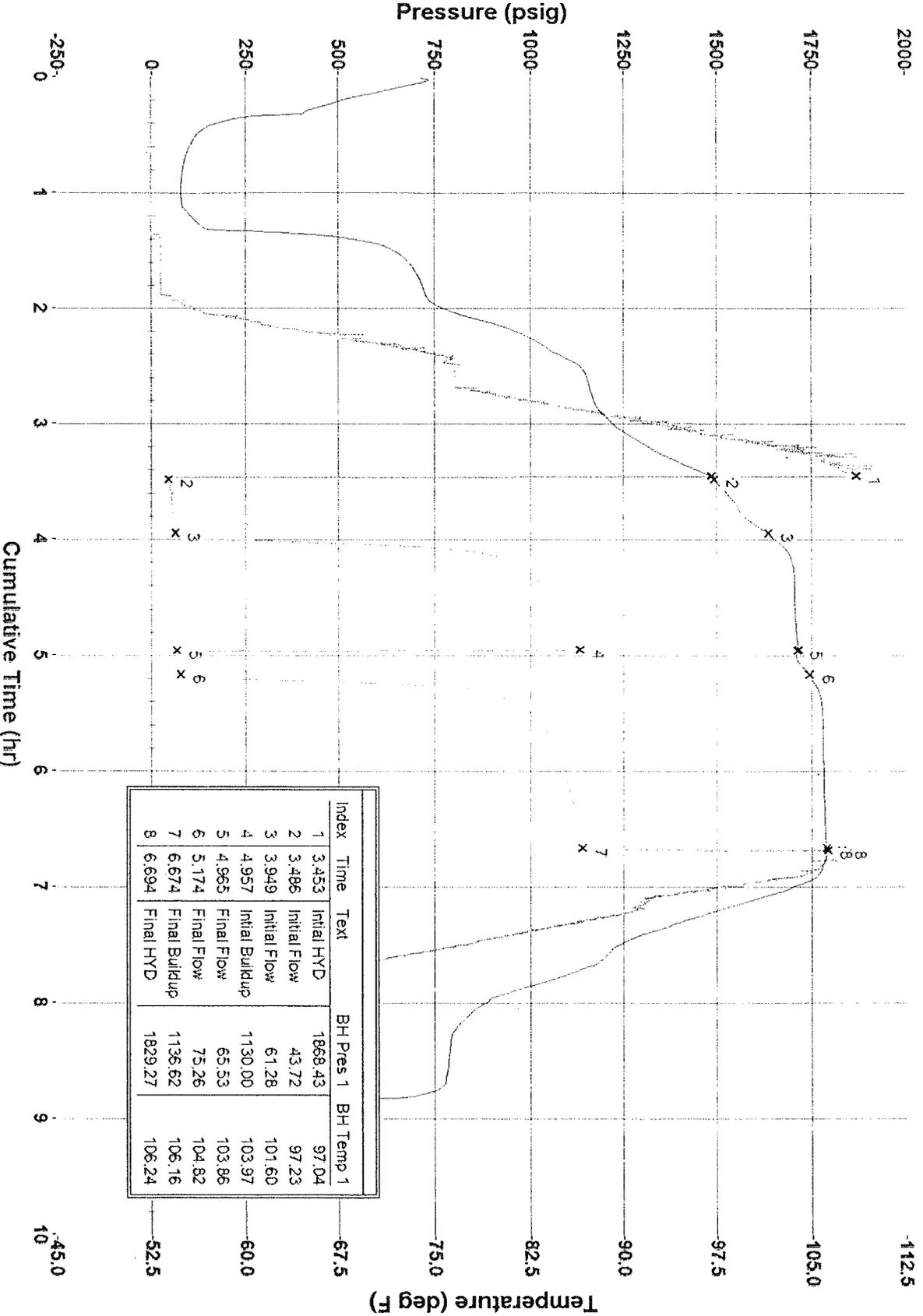
Final Closed In Period.....Minutes 90 (G) 1136 P.S.I.

Final Hydrostatic Pressure.....(H) 1829 P.S.I.



Company Name: Murfin Drilling Company, Inc.
 Well Name: RFP 1-32
 Type of Test: DST #2 3720 to 3790
 Date(s) of Test: 4-11-2005

RFP 1-32 DST #2



Pressure Test Report

COMPANY INFORMATION

Company Name Murfin Drilling Company, Inc.
Representative Jeff Zoller
Phone
Fax
Address

E-Mail Address
Service Company

WELL INFORMATION

Well Name RFP 1-32
Well Location 32-21S-13W SE SE NW
Field and Pool Wildcat
Status (Oil, Gas, Water, Injection) Oil and Gas
Perforated Intervals
Mid-point of Perforated Intervals (MPP)
Drilling Rig Number Berentz Drilling #1
Elevations
 Kelly Bushing (KB) 1907 KB
 Casing Flange (CF)
 KB-CF
 Ground Level 1902 GL
Plug Back Total Depth
Total Depth 3790
Production Casing
Production Tubing

TEST INFORMATION

Type of Test DST #2 3720 to 3790
Date(s) of Test 4-11-2005
Dead-weight Gauge Tubing Pressure
Dead-weight Gauge Casing Pressure
Shut-in Date (Duration) 4-11-2005
Date / Time on Bottom 4-11-2005 1:20 pm
Date / Time off Bottom 4-11-2005 4:35 pm

Probe Serial Number
Probe Offset from End of Tool String
Run Depth at Probe Pressure Port 3725

PRESSURE TEST RESULTS

Maximum Recorded Probe Pressure 1913.6 psig
Maximum Recorded Probe Temperature 106.2 deg F
Final Buildup Pressure
Gradient Survey Information
 Extrapolated Pressure to MPP
 Final Gradient at Depth
Job Number



Company Name Murfin Drilling Company, Inc.
Well Name RFP 1-32
Type of Test DST #2 3720 to 3790
Date(s) of Test 4-11-2005

COMMENTS

Reported By Jimmy Ricketts

Weak blow building to 3" initial flow period. No blow final flow period. Recovery - 70' very slightly oil specked mud.



Company Name Murfin Drilling Company, Inc.
 Well Name RFP 1-32
 Type of Test DST #2 3720 to 3790
 Date(s) of Test 4-11-2005

Date	Time	Cum. Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2005/04/11	13:13:15	3.3361	1814.870	94.611
2005/04/11	13:15:00	3.3653	1825.627	95.191
2005/04/11	13:17:15	3.4028	1831.519	96.062
2005/04/11	13:19:15	3.4361	1867.419	96.721
Initial HYD				
2005/04/11	13:20:15	3.4528	1868.427	97.038
2005/04/11	13:21:00	3.4653	41.090	97.003
Initial Flow				
2005/04/11	13:22:15	3.4861	43.716	97.234
2005/04/11	13:23:00	3.4986	44.068	97.374
2005/04/11	13:25:15	3.5361	46.789	97.783
2005/04/11	13:27:15	3.5694	48.970	98.098
2005/04/11	13:29:00	3.5986	56.249	98.317
2005/04/11	13:31:00	3.6319	52.043	98.551
2005/04/11	13:33:15	3.6694	53.840	98.868
2005/04/11	13:35:15	3.7028	54.722	99.079
2005/04/11	13:37:15	3.7361	55.187	99.234
2005/04/11	13:39:00	3.7653	55.905	99.381
2005/04/11	13:41:00	3.7986	56.623	99.723
2005/04/11	13:43:15	3.8361	57.677	100.132
2005/04/11	13:45:15	3.8694	58.923	100.537
2005/04/11	13:47:00	3.8986	60.117	100.958
2005/04/11	13:49:15	3.9361	60.986	101.448
Initial Flow				
2005/04/11	13:50:00	3.9486	61.282	101.595
2005/04/11	13:51:00	3.9653	64.782	101.779
2005/04/11	13:53:00	3.9986	178.877	102.157
2005/04/11	13:55:15	4.0361	562.430	102.594
2005/04/11	13:57:15	4.0694	758.674	102.924
2005/04/11	13:59:00	4.0986	842.274	103.138
2005/04/11	14:01:00	4.1319	896.553	103.321
2005/04/11	14:03:15	4.1694	935.371	103.455
2005/04/11	14:05:15	4.2028	959.839	103.554
2005/04/11	14:07:15	4.2361	979.780	103.613
2005/04/11	14:09:00	4.2653	994.080	103.656
2005/04/11	14:11:00	4.2986	1008.323	103.676
2005/04/11	14:13:15	4.3361	1022.335	103.689
2005/04/11	14:15:15	4.3694	1033.454	103.705
2005/04/11	14:17:00	4.3986	1042.292	103.705
2005/04/11	14:19:00	4.4319	1051.173	103.692
2005/04/11	14:21:15	4.4694	1060.175	103.687
2005/04/11	14:23:00	4.4986	1066.602	103.690
2005/04/11	14:25:15	4.5361	1074.289	103.708
2005/04/11	14:27:15	4.5694	1080.507	103.712
2005/04/11	14:29:00	4.5986	1085.523	103.725
2005/04/11	14:31:00	4.6319	1090.956	103.734
2005/04/11	14:33:15	4.6694	1096.690	103.759
2005/04/11	14:35:15	4.7028	1101.371	103.773
2005/04/11	14:37:15	4.7361	1105.794	103.797
2005/04/11	14:39:00	4.7653	1109.542	103.813



Company Name Murfin Drilling Company, Inc.
Well Name RFP 1-32
Type of Test DST #2 3720 to 3790
Date(s) of Test 4-11-2005

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2005/04/11	14:41:00	4.7986	1113.466	103.843
2005/04/11	14:43:15	4.8361	1117.852	103.878
2005/04/11	14:45:15	4.8694	1121.344	103.908
2005/04/11	14:47:00	4.8986	1124.348	103.937
2005/04/11	14:49:00	4.9319	1127.580	103.950
Intial Buildup				
2005/04/11	14:50:30	4.9569	1129.996	103.973
Final Flow				
2005/04/11	14:51:00	4.9653	65.526	103.865
2005/04/11	14:51:15	4.9694	65.599	103.852
2005/04/11	14:53:15	5.0028	65.953	103.806
2005/04/11	14:55:00	5.0319	67.569	103.840
2005/04/11	14:57:15	5.0694	70.103	104.094
2005/04/11	14:59:00	5.0986	71.631	104.333
2005/04/11	15:01:00	5.1319	72.874	104.563
2005/04/11	15:03:15	5.1694	74.988	104.785
Final Flow				
2005/04/11	15:03:30	5.1736	75.258	104.819
2005/04/11	15:05:15	5.2028	184.666	104.977
2005/04/11	15:07:15	5.2361	547.458	105.201
2005/04/11	15:09:00	5.2653	738.824	105.381
2005/04/11	15:11:00	5.2986	841.071	105.541
2005/04/11	15:13:15	5.3361	898.386	105.663
2005/04/11	15:15:15	5.3694	929.041	105.732
2005/04/11	15:17:00	5.3986	949.581	105.778
2005/04/11	15:19:00	5.4319	967.595	105.829
2005/04/11	15:21:15	5.4694	984.264	105.865
2005/04/11	15:23:15	5.5028	996.751	105.881
2005/04/11	15:25:00	5.5319	1006.168	105.901
2005/04/11	15:27:00	5.5653	1015.873	105.908
2005/04/11	15:29:15	5.6028	1025.255	105.919
2005/04/11	15:31:00	5.6319	1032.431	105.917
2005/04/11	15:33:15	5.6694	1040.364	105.928
2005/04/11	15:35:15	5.7028	1046.770	105.933
2005/04/11	15:37:15	5.7361	1052.661	105.933
2005/04/11	15:39:00	5.7653	1057.504	105.940
2005/04/11	15:41:00	5.7986	1062.756	105.935
2005/04/11	15:43:15	5.8361	1067.991	105.944
2005/04/11	15:45:15	5.8694	1072.443	105.951
2005/04/11	15:47:00	5.8986	1076.223	105.951
2005/04/11	15:49:00	5.9319	1080.272	105.957
2005/04/11	15:51:15	5.9694	1084.418	105.962
2005/04/11	15:53:15	6.0028	1088.092	105.964
2005/04/11	15:55:00	6.0319	1091.019	105.966
2005/04/11	15:57:00	6.0653	1094.178	105.971
2005/04/11	15:59:15	6.1028	1097.802	105.975
2005/04/11	16:01:15	6.1361	1100.750	105.982
2005/04/11	16:03:00	6.1653	1103.188	105.984
2005/04/11	16:05:15	6.2028	1106.422	105.989
2005/04/11	16:07:15	6.2361	1108.930	106.005



Company Name Murfin Drilling Company, Inc.
Well Name RFP 1-32
Type of Test DST #2 3720 to 3790
Date(s) of Test 4-11-2005

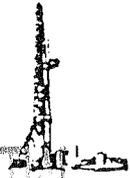
Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2005/04/11	16:09:00	6.2653	1111.220	106.018
2005/04/11	16:11:00	6.2986	1113.721	106.029
2005/04/11	16:13:15	6.3361	1116.352	106.032
2005/04/11	16:15:15	6.3694	1118.740	106.045
2005/04/11	16:17:00	6.3986	1120.598	106.048
2005/04/11	16:19:00	6.4319	1122.843	106.061
2005/04/11	16:21:15	6.4694	1125.193	106.074
2005/04/11	16:23:15	6.5028	1127.122	106.081
2005/04/11	16:25:00	6.5319	1128.853	106.102
2005/04/11	16:27:00	6.5653	1130.729	106.117
2005/04/11	16:29:15	6.6028	1132.834	106.124
2005/04/11	16:31:15	6.6361	1134.725	106.146
2005/04/11	16:33:00	6.6653	1136.247	106.156
Final Buildup				
2005/04/11	16:33:30	6.6736	1136.625	106.158
Final HYD				
2005/04/11	16:34:45	6.6944	1829.267	106.243
2005/04/11	16:35:00	6.6986	1818.071	106.236
2005/04/11	16:37:15	6.7361	1793.027	106.137
2005/04/11	16:39:15	6.7694	1823.065	106.079
2005/04/11	16:41:00	6.7986	1785.011	105.957
2005/04/11	16:43:15	6.8361	1766.385	105.831
2005/04/11	16:45:15	6.8694	1740.213	105.732
2005/04/11	16:47:00	6.8986	1729.956	105.492
2005/04/11	16:49:00	6.9319	1644.902	105.183
2005/04/11	16:51:15	6.9694	1576.523	104.401
2005/04/11	16:53:15	7.0028	1525.711	103.512
2005/04/11	16:55:00	7.0319	1479.030	102.963
2005/04/11	16:57:00	7.0653	1394.414	101.910
2005/04/11	16:59:15	7.1028	1324.848	100.679
2005/04/11	17:01:15	7.1361	1309.985	99.705
2005/04/11	17:03:00	7.1653	1285.379	98.757
2005/04/11	17:05:00	7.1986	1286.312	97.714
2005/04/11	17:07:15	7.2361	1225.589	96.561
2005/04/11	17:09:15	7.2694	1198.318	95.668
2005/04/11	17:11:15	7.3028	1139.992	94.649
2005/04/11	17:13:00	7.3319	1058.729	93.819
2005/04/11	17:15:15	7.3694	1001.568	92.894
2005/04/11	17:17:00	7.3986	956.399	91.872
2005/04/11	17:19:00	7.4319	922.899	91.027
2005/04/11	17:21:15	7.4694	864.218	90.221
2005/04/11	17:23:15	7.5028	814.737	89.629
2005/04/11	17:25:00	7.5319	772.826	89.085
2005/04/11	17:27:00	7.5653	712.781	88.839
2005/04/11	17:29:15	7.6028	651.239	88.506
2005/04/11	17:31:15	7.6361	589.668	88.129
2005/04/11	17:33:00	7.6653	531.491	87.757
2005/04/11	17:35:00	7.6986	484.372	86.841
2005/04/11	17:37:15	7.7361	413.249	85.971
2005/04/11	17:39:15	7.7694	364.339	85.105

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Ricketts
Testing, Inc.

KCC
JUL 15 2005
CONFIDENTIAL

ORIGINAL



CONFIDENTIAL

Company MURFIN DRILLING COMPANY, INC. Lease & Well No. RFP #1-32
Elevation 1902 G.L. Formation ARBUCKLE Ticket No. 2309
Date 4-12-05 Sec. 32 Twp. 21S Range 13W County STAFFORD State KS
Test Approved by JEFF ZOLLER Ricketts Representative JIMMY RICKETTS

Formation Test No. 3 Interval Tested from 3788 ft. to 3797 ft. Total Depth 3797 ft.
Packer Depth 3788 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 3785 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3793 ft. Recorder Number 11027 Cap. 4275
Bottom Recorder Depth (Outside) 3796 ft. Recorder Number W1023 Cap. 10000
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____

Drilling Contractor BERENTZ DRILLING RIG #1 Drill Collar Length 382 I.D. 2.25 in.
Mud Type CHEMICAL Viscosity 48 Weight Pipe Length _____ I.D. _____ in.
Weight 9.1 Water Loss 9.2 cc. Drill Pipe Length 3386 I.D. 3.25 in.
Chlorides 6000 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 in.
Jars: Make _____ Serial Number _____ Anchor Length 9 ft. Size 5 1/2 in.
Did Well Flow? NO Reversed Out NO Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
Gravity Oil _____ Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 XH in.

Blow: WEAK BLOW BUILDINT 0 7" INITIAL FLOW PERIOD. WEAK BLOW BUILDING TO A STRONG BLOW IN 35 MINUTES FINAL FLOW PERIOD.

Recovered 360 ft. of WATER.
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Remarks: DST FLUID CHLORIDES 21,000 PPM

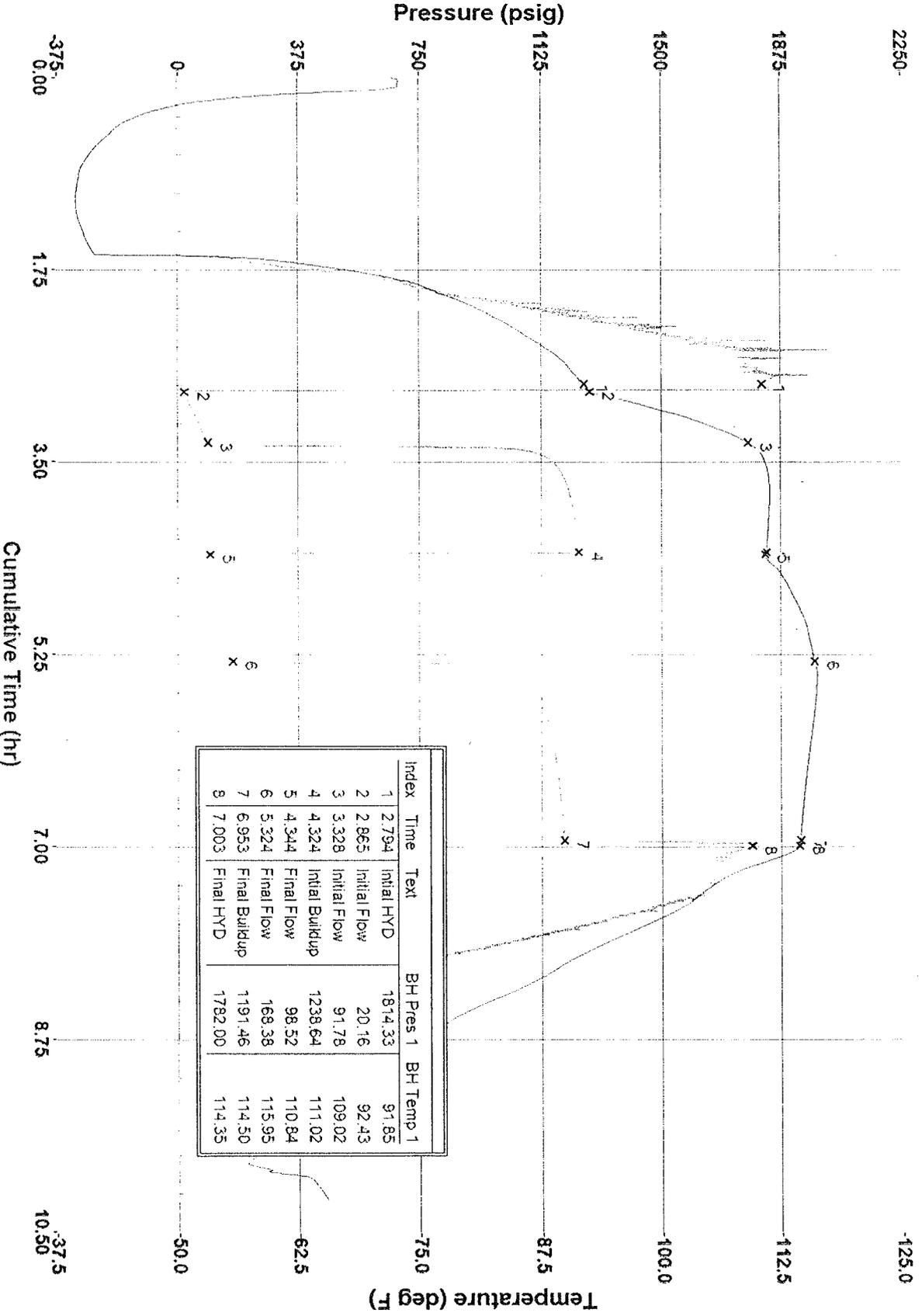
Time Set Packer (s) 5:37 A.M. Time Started Off Bottom 9:37 A.M. Maximum Temperature 114°

Initial Hydrostatic Pressure.....(A)	<u>1814</u>	P.S.I.	
Initial Flow PeriodMinutes	<u>30</u>	(B)	<u>20</u> P.S.I. to
		(C)	<u>91</u> P.S.I.
		(D)	<u>1238</u> P.S.I.
Initial Closed In PeriodMinutes	<u>60</u>	(E)	<u>98</u> P.S.I. to
		(F)	<u>168</u> P.S.I.
		(G)	<u>1191</u> P.S.I.
Final Flow PeriodMinutes	<u>90</u>	(H)	<u>1782</u> P.S.I.



Company Name: Murfin Drilling Company, Inc.
 Well Name: RFP 1-32
 Type of Test: DST #3 3788 to 3797
 Date(s) of Test: 4-12-2005

RFP 1-32 DST #3



Index	Time	Text	BH Pres 1	BH Temp 1
1	2.794	Initial HYD	1814.33	91.85
2	2.865	Initial Flow	20.16	92.43
3	3.328	Initial Flow	91.78	109.02
4	4.324	Initial Buildup	1238.64	111.02
5	4.344	Final Flow	98.52	110.84
6	5.324	Final Flow	168.38	115.95
7	6.953	Final Buildup	1191.46	114.50
8	7.003	Final HYD	1782.00	114.35

Pressure Test Report

COMPANY INFORMATION

Company Name Murfin Drilling Company, Inc.
Representative Jeff Zoller
Phone
Fax
Address

E-Mail Address
Service Company

WELL INFORMATION

Well Name RFP 1-32
Well Location 32-21S-13W SE SE NW
Field and Pool Wildcat
Status (Oil, Gas, Water, Injection) Oil and Gas
Perforated Intervals
Mid-point of Perforated Intervals (MPP)
Drilling Rig Number Berentz Drilling #1
Elevations
 Kelly Bushing (KB) 1907 KB
 Casing Flange (CF)
 KB-CF
 Ground Level 1902 GL
Plug Back Total Depth
Total Depth 3797
Production Casing
Production Tubing

TEST INFORMATION

Type of Test DST #3 3788 to 3797
Date(s) of Test 4-12-2005
Dead-weight Gauge Tubing Pressure
Dead-weight Gauge Casing Pressure
Shut-in Date (Duration) 4-12-2005
Date / Time on Bottom 4-12-2005 5:37 am
Date / Time off Bottom 4-12-2005 9:37 am

Probe Serial Number
Probe Offset from End of Tool String
Run Depth at Probe Pressure Port 3793

PRESSURE TEST RESULTS

Maximum Recorded Probe Pressure 2020.8 psig
Maximum Recorded Probe Temperature 116.2 deg F
Final Buildup Pressure
Gradient Survey Information
 Extrapolated Pressure to MPP
 Final Gradient at Depth
Job Number



Company Name Murfin Drilling Company, Inc.
Well Name RFP 1-32
Type of Test DST #3 3788 to 3797
Date(s) of Test 4-12-2005

COMMENTS

Reported By

Jimmy Ricketts

Weak blow building to 7" initial flow period. Weak blow building to strong blow in 35 minutes into final flow period. Recovery - 360' water. DST fluids were 21,000 chlorides.



Company Name Murfin Drilling Company, Inc.
 Well Name RFP 1-32
 Type of Test DST #3 3788 to 3797
 Date(s) of Test 4-12-2005

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2005/04/12	04:27:15	1.6694	233.742	61.227
2005/04/12	04:29:15	1.7028	313.196	64.013
2005/04/12	04:31:00	1.7319	400.548	66.367
2005/04/12	04:33:15	1.7694	490.688	69.186
2005/04/12	04:35:15	1.8028	571.611	71.251
2005/04/12	04:37:15	1.8361	632.115	73.008
2005/04/12	04:39:00	1.8653	693.844	74.458
2005/04/12	04:41:15	1.9028	748.744	75.697
2005/04/12	04:43:15	1.9361	822.192	76.617
2005/04/12	04:45:00	1.9653	846.867	77.207
2005/04/12	04:47:15	2.0028	902.784	78.474
2005/04/12	04:49:15	2.0361	963.800	79.403
2005/04/12	04:51:15	2.0694	1023.797	80.335
2005/04/12	04:53:15	2.1028	1087.895	81.066
2005/04/12	04:55:15	2.1361	1146.638	81.842
2005/04/12	04:57:00	2.1653	1199.866	82.479
2005/04/12	04:59:00	2.1986	1270.462	83.149
2005/04/12	05:01:15	2.2361	1326.432	83.964
2005/04/12	05:03:00	2.2653	1390.936	84.501
2005/04/12	05:05:15	2.3028	1449.892	85.176
2005/04/12	05:07:15	2.3361	1476.218	85.777
2005/04/12	05:09:00	2.3653	1534.999	86.263
2005/04/12	05:11:15	2.4028	1633.278	87.024
2005/04/12	05:13:15	2.4361	1660.598	87.580
2005/04/12	05:15:00	2.4653	1722.241	88.011
2005/04/12	05:17:00	2.4986	1744.727	88.617
2005/04/12	05:19:15	2.5361	1731.234	89.157
2005/04/12	05:21:00	2.5653	1780.854	89.573
2005/04/12	05:23:00	2.5986	1764.352	89.978
2005/04/12	05:25:15	2.6361	1801.665	90.316
2005/04/12	05:27:00	2.6653	1818.828	90.581
2005/04/12	05:29:15	2.7028	1960.349	91.013
2005/04/12	05:31:15	2.7361	1843.391	91.305
2005/04/12	05:33:00	2.7653	1826.894	91.569
Initial HYD				
2005/04/12	05:34:45	2.7944	1814.328	91.852
2005/04/12	05:35:15	2.8028	1810.575	91.933
2005/04/12	05:37:15	2.8361	1863.276	92.291
Initial Flow				
2005/04/12	05:39:00	2.8653	20.155	92.431
2005/04/12	05:39:15	2.8694	21.055	92.610
2005/04/12	05:41:15	2.9028	27.743	94.557
2005/04/12	05:43:00	2.9319	30.931	95.986
2005/04/12	05:45:15	2.9694	35.748	97.632
2005/04/12	05:47:15	3.0028	39.899	98.982
2005/04/12	05:49:00	3.0319	44.774	100.180
2005/04/12	05:51:15	3.0694	51.470	101.813
2005/04/12	05:53:15	3.1028	57.153	102.997
2005/04/12	05:55:15	3.1361	63.367	104.058
2005/04/12	05:57:00	3.1653	67.887	104.947



Company Name Murfin Drilling Company, Inc.
Well Name RFP 1-32
Type of Test DST #3 3788 to 3797
Date(s) of Test 4-12-2005

Date	Time	Cum. Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2005/04/12	05:59:15	3.2028	72.670	106.061
2005/04/12	06:01:15	3.2361	76.895	107.112
2005/04/12	06:03:15	3.2694	81.308	107.920
2005/04/12	06:05:15	3.3028	87.169	108.579
Initial Flow				
2005/04/12	06:06:45	3.3278	91.776	109.022
2005/04/12	06:07:00	3.3319	92.412	109.099
2005/04/12	06:09:15	3.3694	993.335	109.881
2005/04/12	06:11:15	3.4028	1092.626	110.304
2005/04/12	06:13:15	3.4361	1126.688	110.566
2005/04/12	06:15:00	3.4653	1144.639	110.741
2005/04/12	06:17:15	3.5028	1160.522	110.926
2005/04/12	06:19:15	3.5361	1171.216	111.058
2005/04/12	06:21:00	3.5653	1178.559	111.146
2005/04/12	06:23:15	3.6028	1186.506	111.232
2005/04/12	06:25:15	3.6361	1192.396	111.290
2005/04/12	06:27:15	3.6694	1197.309	111.339
2005/04/12	06:29:15	3.7028	1201.674	111.358
2005/04/12	06:31:15	3.7361	1205.512	111.376
2005/04/12	06:33:00	3.7653	1208.510	111.378
2005/04/12	06:35:00	3.7986	1211.533	111.387
2005/04/12	06:37:15	3.8361	1214.783	111.378
2005/04/12	06:39:00	3.8653	1217.006	111.362
2005/04/12	06:41:15	3.9028	1219.567	111.348
2005/04/12	06:43:15	3.9361	1221.880	111.337
2005/04/12	06:45:00	3.9653	1223.527	111.315
2005/04/12	06:47:15	4.0028	1225.679	111.288
2005/04/12	06:49:15	4.0361	1227.493	111.261
2005/04/12	06:51:00	4.0653	1228.863	111.243
2005/04/12	06:53:00	4.0986	1230.489	111.211
2005/04/12	06:55:15	4.1361	1232.035	111.180
2005/04/12	06:57:00	4.1653	1233.086	111.153
2005/04/12	06:59:00	4.1986	1234.484	111.124
2005/04/12	07:01:15	4.2361	1235.757	111.088
2005/04/12	07:03:00	4.2653	1236.832	111.063
2005/04/12	07:05:15	4.3028	1237.992	111.033
Initial Buildup				
2005/04/12	07:06:30	4.3236	1238.640	111.016
2005/04/12	07:07:15	4.3361	97.223	110.854
Final Flow				
2005/04/12	07:07:45	4.3444	98.525	110.842
2005/04/12	07:09:00	4.3653	102.113	110.914
2005/04/12	07:11:00	4.3986	107.163	111.252
2005/04/12	07:13:15	4.4361	110.062	111.735
2005/04/12	07:15:00	4.4653	112.119	112.100
2005/04/12	07:17:00	4.4986	114.314	112.419
2005/04/12	07:19:15	4.5361	116.876	112.685
2005/04/12	07:21:00	4.5653	118.813	112.892
2005/04/12	07:23:00	4.5986	121.707	113.126
2005/04/12	07:25:15	4.6361	124.187	113.329



Company Name Murfin Drilling Company, Inc.
Well Name RFP 1-32
Type of Test DST #3 3788 to 3797
Date(s) of Test 4-12-2005

Date	Time	Cum. Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2005/04/12	07:27:00	4.6653	126.108	113.502
2005/04/12	07:29:00	4.6986	128.518	113.691
2005/04/12	07:31:15	4.7361	130.767	113.918
2005/04/12	07:33:15	4.7694	133.350	114.129
2005/04/12	07:35:00	4.7986	135.504	114.318
2005/04/12	07:37:15	4.8361	137.809	114.510
2005/04/12	07:39:00	4.8653	139.756	114.663
2005/04/12	07:41:00	4.8986	141.683	114.840
2005/04/12	07:43:15	4.9361	143.944	115.002
2005/04/12	07:45:00	4.9653	145.825	115.117
2005/04/12	07:47:00	4.9986	147.791	115.227
2005/04/12	07:49:15	5.0361	149.949	115.324
2005/04/12	07:51:15	5.0694	151.889	115.398
2005/04/12	07:53:00	5.0986	153.683	115.464
2005/04/12	07:55:15	5.1361	156.114	115.554
2005/04/12	07:57:15	5.1694	158.180	115.641
2005/04/12	07:59:00	5.1986	159.829	115.716
2005/04/12	08:01:15	5.2361	162.334	115.797
2005/04/12	08:03:00	5.2653	163.983	115.835
2005/04/12	08:05:00	5.2986	166.259	115.896
Final Flow				
2005/04/12	08:06:30	5.3236	168.378	115.948
2005/04/12	08:07:15	5.3361	822.397	116.058
2005/04/12	08:09:00	5.3653	988.043	116.166
2005/04/12	08:11:00	5.3986	1030.261	116.211
2005/04/12	08:13:15	5.4361	1055.851	116.217
2005/04/12	08:15:00	5.4653	1069.566	116.217
2005/04/12	08:17:15	5.5028	1083.080	116.206
2005/04/12	08:19:15	5.5361	1092.616	116.195
2005/04/12	08:21:00	5.5653	1099.832	116.181
2005/04/12	08:23:15	5.6028	1107.644	116.146
2005/04/12	08:25:15	5.6361	1113.771	116.119
2005/04/12	08:27:00	5.6653	1118.499	116.089
2005/04/12	08:29:00	5.6986	1123.466	116.056
2005/04/12	08:31:15	5.7361	1128.394	116.010
2005/04/12	08:33:00	5.7653	1131.899	115.968
2005/04/12	08:35:00	5.7986	1135.524	115.923
2005/04/12	08:37:15	5.8361	1139.429	115.871
2005/04/12	08:39:00	5.8653	1142.153	115.828
2005/04/12	08:41:15	5.9028	1145.587	115.779
2005/04/12	08:43:15	5.9361	1148.239	115.729
2005/04/12	08:45:00	5.9653	1150.653	115.687
2005/04/12	08:47:00	5.9986	1153.024	115.637
2005/04/12	08:49:15	6.0361	1155.671	115.581
2005/04/12	08:51:00	6.0653	1157.641	115.540
2005/04/12	08:53:00	6.0986	1159.760	115.493
2005/04/12	08:55:15	6.1361	1161.811	115.437
2005/04/12	08:57:00	6.1653	1163.622	115.398
2005/04/12	08:59:00	6.1986	1165.452	115.345
2005/04/12	09:01:15	6.2361	1167.427	115.295



Company Name Murfin Drilling Company, Inc.
Well Name RFP 1-32
Type of Test DST #3 3788 to 3797
Date(s) of Test 4-12-2005

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2005/04/12	09:03:00	6.2653	1169.055	115.255
2005/04/12	09:05:00	6.2986	1170.506	115.205
2005/04/12	09:07:15	6.3361	1172.276	115.158
2005/04/12	09:09:15	6.3694	1173.899	115.115
2005/04/12	09:11:00	6.3986	1175.156	115.075
2005/04/12	09:13:15	6.4361	1176.701	115.034
2005/04/12	09:15:00	6.4653	1177.917	114.994
2005/04/12	09:17:00	6.4986	1179.224	114.958
2005/04/12	09:19:15	6.5361	1180.769	114.912
2005/04/12	09:21:00	6.5653	1181.728	114.883
2005/04/12	09:23:00	6.5986	1182.876	114.836
2005/04/12	09:25:15	6.6361	1184.273	114.805
2005/04/12	09:27:00	6.6653	1185.171	114.775
2005/04/12	09:29:15	6.7028	1186.416	114.730
2005/04/12	09:31:15	6.7361	1187.384	114.701
2005/04/12	09:33:00	6.7653	1188.300	114.669
2005/04/12	09:35:15	6.8028	1189.444	114.633
2005/04/12	09:37:15	6.8361	1190.456	114.602
2005/04/12	09:39:15	6.8694	1186.984	114.568
2005/04/12	09:41:15	6.9028	1189.979	114.537
2005/04/12	09:43:15	6.9361	1191.224	114.519
Final Buildup				
2005/04/12	09:44:15	6.9528	1191.460	114.499
2005/04/12	09:45:00	6.9653	1809.411	114.559
2005/04/12	09:47:00	6.9986	1788.998	114.393
Final HYD				
2005/04/12	09:47:15	7.0028	1781.996	114.352
2005/04/12	09:49:15	7.0361	1753.838	113.864
2005/04/12	09:51:00	7.0653	1715.126	113.205
2005/04/12	09:53:15	7.1028	1722.286	112.055
2005/04/12	09:55:15	7.1361	1686.423	110.964
2005/04/12	09:57:00	7.1653	1664.001	109.890
2005/04/12	09:59:15	7.2028	1659.651	108.601
2005/04/12	10:01:15	7.2361	1659.173	107.641
2005/04/12	10:03:00	7.2653	1658.548	106.932
2005/04/12	10:05:00	7.2986	1658.368	106.246
2005/04/12	10:07:15	7.3361	1660.361	105.609
2005/04/12	10:09:00	7.3653	1639.293	105.098
2005/04/12	10:11:00	7.3986	1627.664	104.538
2005/04/12	10:13:15	7.4361	1628.200	103.960
2005/04/12	10:15:00	7.4653	1569.810	103.568
2005/04/12	10:17:15	7.5028	1516.975	103.003
2005/04/12	10:19:15	7.5361	1508.341	102.394
2005/04/12	10:21:00	7.5653	1472.499	101.775
2005/04/12	10:23:00	7.5986	1395.360	101.034
2005/04/12	10:25:15	7.6361	1383.290	100.173
2005/04/12	10:27:00	7.6653	1302.446	99.462
2005/04/12	10:29:00	7.6986	1295.328	98.629
2005/04/12	10:31:15	7.7361	1235.947	97.691
2005/04/12	10:33:00	7.7653	1173.119	96.949

SUPERIOR TESTERS ENTERPRISES INC.

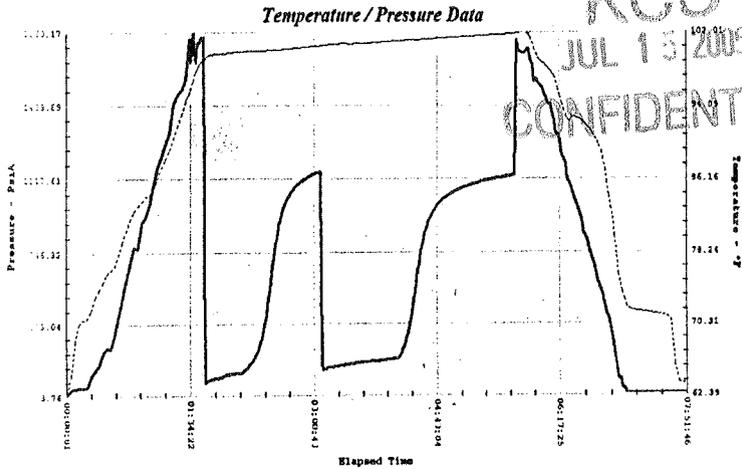
CONFIDENTIAL

DRILL STEM TEST REPORT

ORIGINAL
GREAT BEND, KANSAS 67530

1(800)792-6902

Company: **MURFIN DRILLING COMPANY INC.**
SEC. 32 TWP. 21S RGE. 13W
Lease & Well No. **R.F.P. #1-32**
Test #: **4**
Date: **04-13-2005**



- 1 Initial Hydrostatic Pressure 1831
- 2 Initial Flow Pressure 73
- 3 Final Initial Flow Pressure 124
- 4 Initial Shut-In Pressure 1157
- 5 Initial Final Flow Pressure 136
- 6 Final Flow Pressure 194
- 7 Final Shut-In Pressure 1138
- 8 Final Hydrostatic Pressure 1818

Maximum Temperature 102

GENERAL INFORMATION

COMPANY NAME **MURFIN DRILLING COMPANY INC.**

TEST DATE **4/13/05**

LEASE AND WELL NUMBER **RFP #1-32**

SECTION-TOWN-RANGE **32-21S-13W**

FORMATION TESTED **CONGLOMERATE**

STATE **KANSAS**

DRILL STEM TEST NUMBER **4**

COUNTY **STAFFORD**

REPORT NUMBER **14744**

ELEVATION GROUND LEVEL **1902**

ELEVATION KELLY BUSHINGS **1907**

COMPANY REPRESENTATIVE **JEFF ZOLLER**

TESTING ENGINEER **GENE BUDIG**

TOOL SETTING INFORMATION

TEST INTERVAL (From) **3614**

TOP PACKER DEPTH **3609-3614**

TEST INTERVAL (to) **3704**

BOTTOM PACKER DEPTH **3704**

ANCHOR LENGTH **90**

NUMBER OF PACKERS **2**

TOTAL DEPTH (ft) **3900**

PACKER SIZE **6 3/4**

HOLE SIZE **7 7/8**

FLOW TIMES

TOOL OPEN (from) **10:15**

TOOL OPEN (from) **11:45**

INITIAL OPEN TOOL OPEN (to) **10:45**

FINAL OPEN TOOL OPEN (to) **12:45**

DURATION (min.) **30**

DURATION (min.) **60**

TOOL CLOSED (from) **10:45**

TOOL CLOSED (from) **12:45**

INITIAL SHUT-IN TOOL CLOSED (to) **11:45**

FINAL SHUT-IN TOOL CLOSED (to) **2:15**

DURATION (min.) **60**

DURATION (min.) **90**

INITIAL FLOW

**FAIR BLOW BUILT TO THE BOTTOM OF A 5 GALLON BUCKET IN 25 MINUTES F
DID BLOW BACK ON THE 1ST SHUT-IN**

FINAL FLOW

**FAIR BLOW BUILT TO THE BOTTOM OF A 5 GALLON BUCKET IN 8 MINUTES F
DID BLOW BACK ON THE 2ND SHUT-IN**

FEET OF Recovery	RECOVERY DESCRIPTION	% GAS	% OIL	% MUD	% WATER
1) 525	GAS IN THE PIPE				
2) 130	MUD CUT VERY GASSY OIL	40	40	20	0
3) 180	VERY GASSY MUDDY OIL	50	20	30	0
4)					
5)					
6)					

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SUPERIOR TESTERS ENTERPRISES INC.

DRILL STEM TEST REPORT

GREAT BEND ,KANSAS 67530 (800)792-6902

GENERAL INFORMATION

COMPANY NAME	MURFIN DRILLING COMPANY INC.	LEASE AND WELL NUMBER	RFP #1-32
TEST DATE	4/13/05	FORMATION TESTED	CONGLOMERATE
SECTION-TOWN-RANGE	32-21S-13W	DRILL STEM TEST NUMBER	4
STATE	KANSAS	REPORT NUMBER	14744
COUNTY	STAFFORD	ELEVATION KELLY BUSHINGS	1907
ELEVATION GROUND LEVEL	1902	TESTING ENGINEER	GENE BUDIG
COMPANY REPRESENTATIVE	JEFF ZOLLER		

EXTRA EQUIPMENT

JARS	NO	EXTRA PACKER (3RD)	NO
SAFETY JOINT	NO	EXTRA PACKER (4TH)	NO
ELECTRONIC RECORDER	YES	STRADDLE	NO
CIRCULATING SUB	NO	HOOK WALL	NO
		SAMPLER	NO
	38 MILES ROUND TRIP FROM GREAT BEND		
TOP RECORDER DEPTH	3670	BOTTOM RECORDER DEPTH	3996
RECORDER NUMBER	91981	RECORDER NUMBER	5463

WELL INFORMATION

DRILLING CONTRACTOR	BERENTZ RIG #5	DRILL COLLAR LENGTH	382
DRILL PIPE LENGTH	3211	DRILL COLLAR I.D.	2.25
DRILL PIPE I.D.	3.8	TOOL JOINT SIZE	4 1/2 X.H.
TOOL JOINT SIZE	4 1/2 X.H.		
WEIGHT PIPE LENGTH		MUD WEIGHT #/GAL	9.1
WEIGHT PIPE I.D.	2.25	VISCOSITY	46
TOOL JOINT SIZE	4 1/2 X.H.	WATER LOSS	8.8
		CHLORIDES-PITS	6200
		CHLORIDES-DST	

COMMENTS

SUPERIOR TESTERS ENTERPRISES INC.

GREAT BEND, KANSAS

SUPERPOSITION ANALYSIS

(800) 792-6902

2ND SHUT-IN

State KANSAS

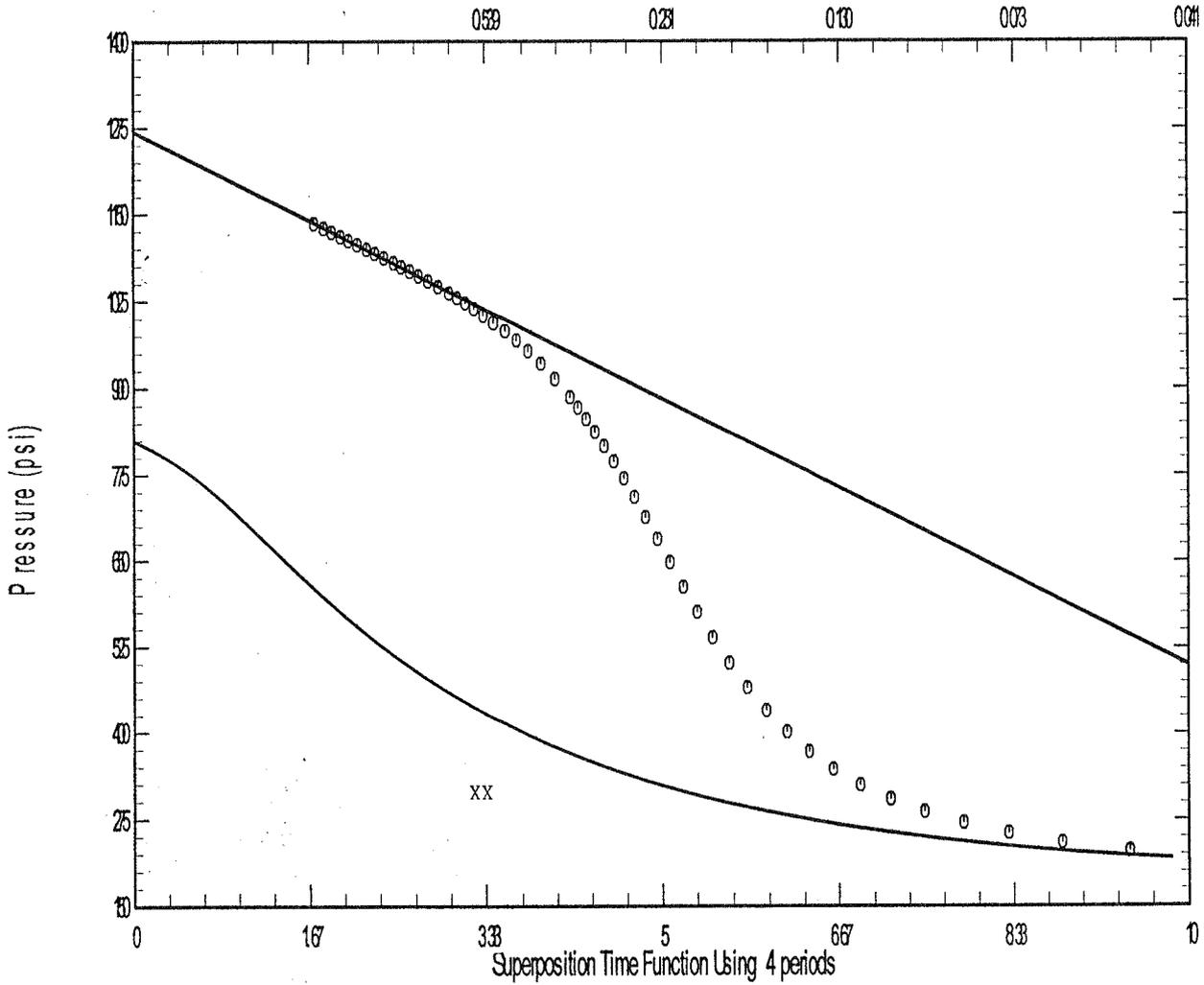
Test Date

County STAFFORD

Sec Town Range 32-21S-13W

Field

Report Number 14744



MODEL RESULTS

Coreat Storage
C1 : 0.00244/psi

Skin Model
Skin : 1.5'

Homogeneous
k : 1.27 md
Est PI: 624.4 psi

No Boundaries

h : 4 ft
mu : 0.350 cp
pi : 16.0%
d : 6.05E-04 1/psi
rw : 3.23 ft
FVF : 6.66

Field :
County or Parish :
State :

Date Printed: 04/13/05 17:20:19
Analysis Period : 2nd shut-in
Comment : Line #

Superposition Slope -> m'	-76.983150
Horner Slope -> m	-538.882027
Intercept	1269.488
P(dt=1 hr)	1096.007
Pwf	193.660
R Sqr	0.9992
k (md)	1.23176
kh (md-ft)	4.92705
k/u (md/cp)	3.51831
kh/uB (md-ft/cp)	2.11215
Skin	1.559
DP Skin	730.960
Total DP	1075.828
Percent DP	67.94%
Radius Invest (ft)	8
Radius Time (hrs)	1.49
Delta Q =	7
h (ft)=	4
mu =	0.350
B =	6.663
First Point #	51
Second Point #	112
Start Real Time	0.625
End Real Time	1.488
Start SF Time	3.067

SUPERIOR TESTERS ENTERPRISES INC.

GREAT BEND, KANSAS

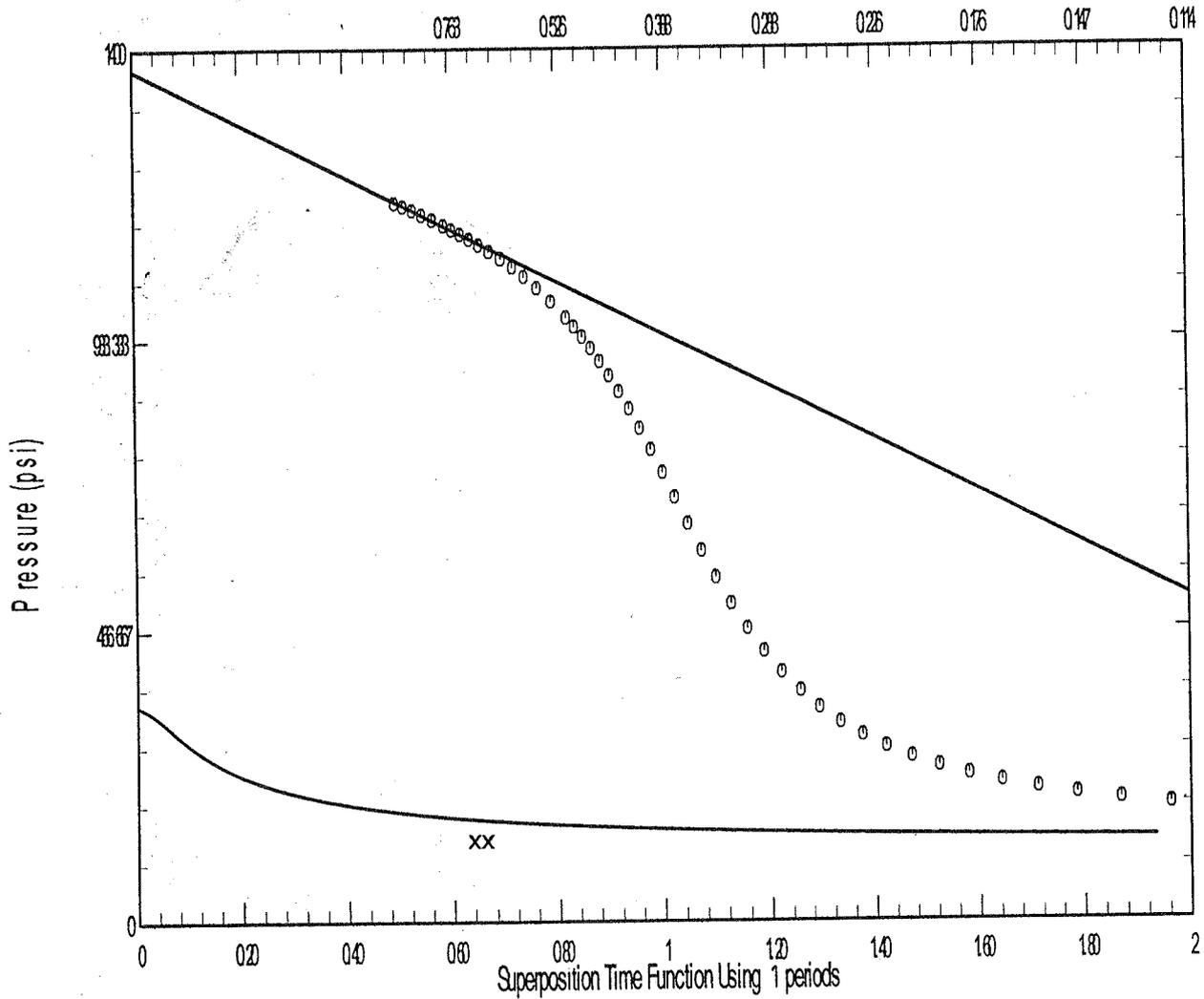
SUPERPOSITION ANALYSIS

800) 792-6902

1ST SHUT-IN

State KANSAS
 County STAFFORD
 Field

Test Date
 Sec Town Range 32-21S-13W
 Report Number 14744



MODEL RESULTS

Constant Storage
 C1 : 0.002141/psi

Skin Modf
 Skin : 1.52

Homogeneous
 k : 0.247 md
 Est Pi: 347.5 psi

No Barriers

h : 4 ft
 mu : 0.330 cp
 phi : 16.0%
 d : 6.051E-04 1/psi
 rw : 3.228 ft
 FVF : 6.66

Field :
County or Parish :
State :

Date Printed: 04/13/05 17:16:40
Analysis Period : 1ST SHUT-IN
Comment : Line #

Superposition Slope -> m'	-425.511400
Horner Slope -> m	-1225.472783
Intercept	1368.639
P(dt=1 hr)	1161.789
Pwf	124.100
R Sqr	0.9976
k (md)	0.22285
kh (md-ft)	0.89140
k/u (md/cp)	0.63653
kh/uB (md-ft/cp)	0.38213
Skin	1.461
DP Skin	1557.727
Total DP	1244.539
Percent DP	125.16%
Radius Invest (ft)	3
Radius Time (hrs)	0.99
Delta Q =	3
h (ft)=	4
mu =	0.350
B =	6.663
First Point #	55
Second Point #	78
Start Real Time	0.675
End Real Time	0.962
Start SF Time	0.666