



**CASSADY  
ENGINEERING LTD.**

4954 - 89 STREET, EDMONTON, ALBERTA T6E 5K1

TEL: (780) 461-3366  
FAX: (780) 461-3344

Our File: 01-6-9422  
Your W.O.: 54065

September 7, 2001

Tri Service Oilfield Manufacturing Ltd.  
9545 - 58 Avenue  
Edmonton, Alberta.  
T6E 0B8

Attention: Chris

## **CERTIFICATION**

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Owner: Viper Rentals  
Equipment: **Bowen Power Swivel**  
Model: 85 Ton (S 2.5)  
S/N: 2045  
File No.: CE 9422 (stamped)

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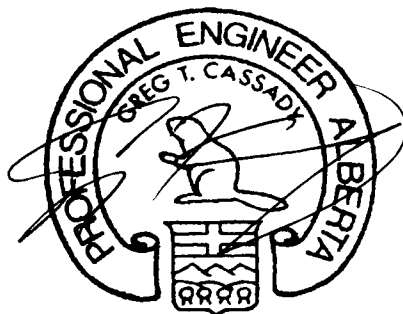
On June 6, 2001 we completed a review of the above mentioned equipment which was in disassembled and sandblasted condition. Magnetic particle and visual inspections included all accessible areas of the swivel.

The inspections and repairs completed on the swivel are noted on the attached summary.

Based on the inspections and repairs completed to this equipment, it is our opinion that the unit may be returned to operation within the manufacturer's recommended capacity.

This certification is valid for a period of 1000 operating days or until the unit has been damaged structurally as a result of operation or handling.

<b>PERMIT TO PRACTICE</b>	
CASSADY ENGINEERING LTD.	
Signature	
Date	Sept 7/01
<b>PERMIT NUMBER: P 4384</b>	
The Association of Professional Engineers, Geologists and Geophysicists of Alberta	



## Certification & Usage Record



Swivel Head SN: 2045
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Certification is valid for 1000 Operating Days
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Date	Located on Swivel #	Days Rented	Ticket #	Remaining Days
6/22/2001	Certified			1000
6/26/2001	7	1	9127	999
7/10/2001		1	9138	998
7/23/2001		1	9159	997
7/30/2001		1	9179	996
8/7/2001		1	9197	995
8/16/2001		1	9217	994
9/4/2001		1	9268	993
10/4/2001		5	9335	988
10/29/2001		3	9392	985
10/31/2001		7	9393	978
11/22/2001		7	9439	971
1/12/2002		18	9523	953
2/18/2002		1	9750	952
2/20/2002		2	9764	950
2/8/2002		6	9686	944
2/17/2002		1	9745	943
2/26/2002		2	9793	941
3/9/2002		7	9854	934
3/13/2002		7	9867	927
4/14/2002		1	9884	926
5/4/2002		3	12085	923
6/18/2002		10	12120	913
6/14/2002		1	12136	912
9/10/2002		4	12206	908
11/9/2002		2	12275	906
12/9/2002		4	12330	902
1/5/2003		1	12389	901
1/15/2003		1	12422	900
1/22/2003		6	12451	894
2/4/2003		1	12504	893
2/6/2003		2	12515	891
2/14/2003		1	12566	890
2/17/2003		0	12577	890
2/22/2003		5	12607	885
3/14/2003		1	12707	884
3/17/2003		2	12724	882

3/22/2003		2	12751	880
3/24/2003		1	12762	879
3/30/2003		1	12779	878
4/4/2003		1	12795	877
4/5/2003		1	12801	876
4/7/2003		1	12804	875
5/1/2003		4	12830	871
5/20/2003		1	12841	870
5/24/2003		1	12847	869
6/17/2003		2	12874	867
6/24/2003		13	12888	854
8/4/2003		1	12970	853
8/8/2003		5	12980	848
8/17/2003		2	13017	846
8/26/2003		1	13038	845
9/1/2003		1	13055	844
9/9/2003		2	13075	842
9/26/2003		2	13115	840
10/15/2003		19	13162	821
11/16/2003		1	13214	820
11/23/2003		3	13233	817
12/9/2003		4	13276	813
1/19/2004		7	13353	806
1/25/2004		8	13417	798
2/17/2004		0		798
2/19/2004		1	13531	797
2/21/2004		1	13550	796
2/23/2004		2	13553	794
2/26/2004		1	13583	793
2/28/2004		3	13600	790
3/8/2004		2	13651	788
3/15/2004		9	13680	779
4/2/2004		3	13748	776
5/31/2004		1	13813	775
6/12/2004		3	13829	772
6/22/2004		2	13876	770
7/10/2004		2	13859	768
8/1/2004		1	13886	767
8/3/2004		8	13882	759
8/20/2004		1	13916	758
8/31/2004		17	13939	741
10/11/2004		2	14014	739
11/1/2004		12	14057	727
12/10/2004		8	14171	719
1/20/2005		3	14287	716
2/1/2005		4	14349	712
2/7/2005		5	14387	707

3/1/2005		4	14502	703
3/12/2005		1	14649	702
4/2/2005		4	14650	698
11/17/2005		1	15009	697
3/4/2006		1	15469	696
4/19/2006		3	15584	693
6/2/2006		1	15676	692
7/16/2006		2	15747	690
8/2/2006		2	15775	688
8/29/2006		8	15833	680
9/16/2006		5	15871	675
9/26/2006		3	15898	672
10/9/2006		8	15939	664
12/1/2006		3	16042	661
12/11/2006		2	16057	659
1/11/2006		1	16122	658
2/8/2006		4	16240	654
2/23/2006		3	16313	651
3/13/2007		1	16391	650
3/22/2007		1	16421	649
4/8/2007		1	16454	648
10/12/2007	5	2	16623	646
1/6/2008		3	16730	643
2/22/2008		1	16929	642
3/2/2008		1	16982	641
3/10/2008		1	17041	640
3/21/2008		1	17104	639
9/13/2008		3	17246	636
2/1/2009		4	17449	632
2/11/2009		1	17418	631
2/24/2009		5	17480	626
3/12/2009		1	17509	625
10/16/2009		7	17597	618
11/25/2009		11	17631	607
12/15/2009		1	17658	606
1/15/2010		1	17723	605
1/10/2010		2	17709	603
1/21/2010		7	17740	596
2/23/2010		2	17846	594
3/16/2010		1	17908	593
3/4/2010		7		586
3/11/2010		1	17917	585
4/5/2010		4	17930	581
11/25/2010		1	18100	580
12/10/2010		2	18117	578
1/7/2011		7	18149	571
1/29/2011		17	18224	554

3/9/2011		9	18369	545
5/26/2011		2	18454	543
7/13/2011		1	18490	542
8/11/2011		4	18510	538
9/24/2011		7	18538	531
11/21/2011	3			531
1/20/2012		11	18691	520
2/10/2012		9	18727	511
5/14/2012		2	18868	509
6/25/2012		5	18906	504
11/17/2012		13	19048	491
1/23/2013		13	19173	478
3/14/2013		2	19320	476
7/8/2013		5	19413	471
8/9/2013		12	19439	459
8/22/2013		2	19450	457
12/1/2013		5	19521	452
3/14/2014		3	34391	449
				449