



**CASSADY  
ENGINEERING LTD.**

4954 - 89 STREET, EDMONTON, ALBERTA T6E 5K1

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

#2

Our File: 00-12-9091  
Your W.O.: 53312

January 2, 2001

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

Attention: Roger

## **CERTIFICATION**

---

Owner: Viper Rentals  
Equipment: **Bowen Power Swivel**  
Model: 85 Ton (S 2.5)  
S/N: 527  
File No.: CE 9091 (stamped)

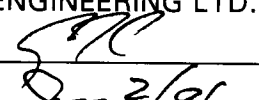
---

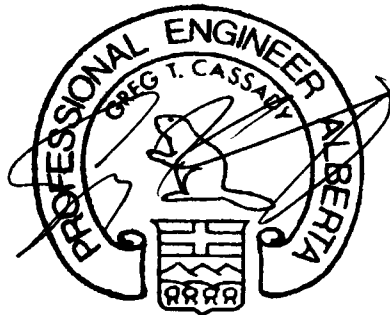
On December 11, 2000 we completed a review of the above mentioned equipment which was in disassembled and sandblasted condition. Magnetic particle and visual inspections included all accessible areas of the swivel.

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.

<p><b>PERMIT TO PRACTICE</b> CASSADY ENGINEERING LTD.</p> <p>Signature <u></u></p> <p>Date <u>Jan 2/01</u></p> <p><b>PERMIT NUMBER: P 4384</b></p> <p>The Association of Professional Engineers, Geologists and Geophysicists of Alberta</p>
---



## Certification & Usage Record



Swivel Head SN: 527
---------------------

Certification is valid for 1000 Operating Days
--

Date	Located on Swivel #	Days Rented	Ticket #	Remaining Days
1/2/2001	Certified			1000
1/31/2001	2	2	8526	998
2/26/2001		4		994
3/12/2001		1	8673	993
3/14/2001		5	8820	988
3/26/2001		2	8759	986
3/26/2001		10	8675	976
4/14/2001		2	8868	974
4/23/2001		2	8704	972
4/30/2001		2	8851	970
5/16/2001		1	8985	969
5/28/2001		1	8926	968
6/27/2001		1	9129	967
6/30/2001		2	9051	965
6/30/2001		2	9090	963
7/16/2001		4	9137	959
8/7/2001		1	9170	958
8/26/2001		1	8974	957
9/9/2001		1	9278	956
9/14/2001		4	9298	952
10/6/2001		2	9240	950
10/26/2001		7	9313	943
11/22/2001		3	9495	940
1/3/2002		1	9439	939
1/13/2002		1	9535	938
1/25/2002		1	9624	937
1/28/2002		1	9636	936
2/2/2002		7	9648	929
3/3/2002		1	9833	928
3/9/2002		1	12018	927
3/30/2002		3	12092	924
3/17/2002		4	12100	920
4/8/2002		1	12047	919
6/28/2002		5	12161	914
8/21/2002		6	12184	908
9/5/2002		4	12197	904
9/28/2002		0	12226	904

10/8/2002		2	12243	902
10/24/2002		1	12264	901
11/15/2002		2	12285	899
12/4/2002		18	12317	881
1/18/2003		2	12430	879
1/28/2003		6	12465	873
2/7/2003		3	12523	870
2/17/2003		2	12572	868
3/3/2003		5	12656	863
3/15/2003		3	12718	860
3/19/2003		5	12743	855
4/2/2003		1	12788	854
4/5/2003		3	12802	851
4/4/2003		1	12796	850
4/9/2003		1	12811	849
6/4/2003		5	12857	844
6/18/2003		4	12872	840
7/14/2003		4	12916	836
8/2/2003		2	129965	834
8/8/2003		12	12978	822
9/8/2003		4	13069	818
10/4/2003		1	13136	817
9/10/2003		12	13074	805
11/1/2003		5	13184	800
11/16/2003		1	13212	799
11/19/2003		1	13221	798
12/8/2003		5	13261	793
1/31/2004		1	13443	792
1/11/2004		1	13336	791
2/3/2004		4	13461	787
2/15/2004		2	13510	785
2/22/2004		1	13551	784
2/28/2004		1	13591	783
2/29/2004		1	13611	782
3/3/2004		2	13624	780
3/5/2004		2	13635	778
3/13/2004		15	13670	763
5/16/2004		3	13790	760
7/28/2004		12	13879	748
8/30/2004		18	13933	730
10/26/2004		2	14045	728
11/3/2004		23	14068	705
12/18/2004		2	14187	703
1/1/2005		4	14207	699
1/10/2005		6	14273	693
2/8/2005		1	14392	692
2/21/2005		1	14438	691

2/13/2005		2	14417	689
2/24/2005		2	14479	687
3/6/2005		1	14528	686
3/23/2005		2	14607	684
3/29/2005		2	14633	682
6/3/2005		3	14719	679
7/25/2005		4	14789	675
10/19/2005		1	14884	674
1/22/2006		5	15162	669
2/11/2006		6	15263	663
2/25/2006		22	15367	641
3/25/2006		1	15532	640
6/16/2006		12	15698	628
8/18/2006		2	15800	626
9/5/2006		4	15845	622
8/26/2006		3	15827	619
9/29/2006		3	15911	616
10/22/2006		1	15961	615
11/1/2006		3	16036	612
11/29/2006		5	15972	607
1/12/2007		2	16121	605
2/25/2007		2	16311	603
3/8/2007		4	16364	599
3/20/2007		4	16414	595
5/4/2007		4	16466	591
6/10/2007		13	16505	578
1/11/2008		1	16747	577
2/26/2008		9	16955	568
3/8/2008		5	17025	563
8/24/2008		11	17230	552
1/7/2009		3	17347	549
1/30/2009		3	17417	546
11/12/2009		2	17615	544
12/31/2009		1	17671	543
1/6/2010		2	17687	541
1/9/2010		10	17695	531
1/22/2010		1	17750	530
2/1/2010		2	17780	528
2/23/2010		6	17837	522
3/21/2010		1	17921	521
3/27/2010		1	17926	520
5/22/2010		4	17944	516
7/1/2010		4	17957	512
7/18/2010		8	17971	504
9/3/2010		10	17999	494
1/17/2011		5	18179	489
2/14/2011		4	18336	485

