



PURPOSE

The Wireline Valve is a large valve installed between the lower lubricator section and tree connection (Wellhead). The Wireline Valve typically will hold pressure from below. It offers facilities for the emergency and contingency procedures. When closed, it enables the well pressure to be separated and released from the lubricator while keeping the wellbore valves open.

ASSEMBLY PARTS

- | | |
|---------------------------|--------------------------------------|
| 1. Cable Guide | 27. O-Ring |
| 2. Top Sub | 28. O-Ring |
| 3. Body | 29. O-Ring |
| 4. Nut | 30. O-Ring |
| 5. Locating Pin | 31. O-Ring |
| 6. Backup Ring | 32. O-Ring |
| 7. Backup Ring | 33. O-Ring |
| 8. Anti-Rotation Pin | 34. O-Ring |
| 9. Ram Block (Right Hand) | 35. O-Ring |
| 10. Ram Block (Left Hand) | 36. Backup Ring |
| 11. Key Retainer | 37. Backup Ring |
| 12. Adapter Plug | 38. Backup Ring |
| 13. By-pass Plug | 39. Backup Ring |
| 14. Bleed-Off Plug | 40. Backup Ring |
| 15. Nut | 41. Backup Ring |
| 16. Bottom Sub | 42. Valve Packing |
| 17. Bushing | 43. T-Seal |
| 18. Cylinder | 44. Inner Ram Seal |
| 19. Piston Shaft | 45. Outer Ram Seal |
| 20. Piston | 46. Retaining Ring - Int. |
| 21. End Cap | 47. Internal Retaining Ring |
| 22. Indicator Rod | 48. Retaining Ring - Ext. |
| 23. Lock-Out Bolt | 49. Hex Head Plug |
| 24. Stop Ring | 50. Socket Head Plug |
| 25. Lift Cap | 51. Countersunk Head Cap Screw |
| 26. O-Ring | 52. Hex Socket Button Head Cap Screw |
| | 53. Socket Head Plug |

DESCRIPTION

The main body in the shape of a cross has a vertical full bore section to allow movement of wireline tools in and out of the wellbore.

The horizontal ends of the cross often referred to as ram housing contain rams, with inner and outer seals. These rams can be rotated in and out of the housing with handles fastened to threaded stems for closing and opening ram bodies.

An equalizing assembly is located on the side of the main body with a bleed off port on the opposite side, and located 90 degrees from ram housings. By opening an allen wrench operated valve seat the equalizing assembly allows pressure to be returned to the lubricator from the wellbore with rams closed.

Wireline Valves are fitted with compatible hand unions for installation with surface equipment. Wireline Valve's seal and hold pressure from below only.

SPECIFICATION

10K PSI Working Pressure - N.A.C.E Spec
(Sizes on next page)

When ordering please specify part name and size. Call us Toll Free: 1-800-438-0061

13. pressure control equipment

Nominal Size		3"
Assembly Number		1301DWL300A1
Item	Part Name	
1	Cable Guide	1301CG30001
2	Top Sub	1301WLV30001
3	Body	1301DWL30002
4	Nut	1301WLV30003
5	Locating Pin	1301WLV30004
6	Backup Ring	1301WLV30012
7	Backup Ring	1301WLV30013
8	Anti-Rotation Pin	1301WLV30015
9	Ram Block (Right Hand)	1301WLV30018
10	Ram Block (Left Hand)	1301WLV30019
11	Key Retainer	1301WLV30023
12	Adapter Plug	1301WLV30024
13	By-Pass Plug	1301WLV30027
14	Bleed-Off Plug	1301WLV30028
15	Nut	1306HUN30001
16	Bottom Sub	1301WLV30030
17	Bushing	1301WLV30031
18	Cylinder	1301WVH30001
19	Piston Shaft	1301WVH30006
20	Piston	1301WVH30007
21	End Cap	1301WVH30008
22	Indicator Rod	1301WVH30009
23	Lock-Out Bolt	1301WVH30010
24	Stop Ring	1301WVH30011
25	Lift Cap	1301LS30002
26	O-Ring	2009
27	O-Ring	2111
28	O-Ring	2114
29	O-Ring	2121
30	O-Ring	2125
31	O-Ring	2215
32	O-Ring	2234
33	O-Ring	2236
34	O-Ring	2338
35	O-Ring	2340
36	Backup Ring	8009
37	Backup Ring	8114
38	Backup Ring	8215
39	Backup Ring	8234
40	Backup Ring	8236
41	Backup Ring	8238
42	Valve Packing	1.5 GLV
43	T-Seal	TP034
44	Inner Ram Seal	I-RAM SEAL
45	Outer Ram Seal	O-RAM SEAL
46	Retaining Ring - Int.	HO-156
47	Internal Retaining Ring	NA2-11/2
48	Retaining Ring - Ext.	RST-400
49	Hex Head Plug	1/2-14 NPT
50	Socket Head Plug	1/4-18 NPT
51	Countersunk Head Cap Screw	.250-20 UNC x .63 LG
52	Hex Socket Button Head Cap Screw	.250-20x.50LG
53	Socket Head Plug	1/8-27 NPT x .25 LG
Upper Thread Connection		4.75" - 4 ACME
Lower Thread Connection		4.75" - 4 ACME

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