



Titan Oil and Gas Services, Inc.

PO Box 80570 Billings, MT 59108 800-406-5209 www.titanoilgas.com

**An integrated coiled tubing service company
focused on efficiency, safety and effectiveness.**

Titan Oil and Gas Services, Inc. delivers professional expertise to industry customers through its integrated coiled tubing trucks. Titan provides practical and innovative field service solutions, delivered through high quality services, in the most efficient and safest manner possible to meet the growing demands and ever changing industry needs of its customers. We pride ourselves on being innovative and adaptive to meeting and exceeding our customers needs. Additionally we look outside of the box to new methods and technologies such as the Dial a density under-balance foam generator and the CJS Flat-pak product. We ran the very first string of this multi-tubular umbilical product.

Since we cut our teeth in the coiled tubing business in 2005, in the gas fields of Montana, where the gas wells produce 30 to 100 MCF of gas a day, we have a keen understanding of the well economics and what it takes to offer a cost effective and competitive service solution. With this knowledge base gain we feel that we offer the very best value in coiled tubing solutions when you consider large coil units and traditional work over units.

We are a family owned business that operate coiled tubing trucks that integrate a 660 CFM / 2000 PSI air compressor, knuckle boom crane, on board foamer unit and coil tubing all into one unit. These units sometimes are known as bob tail units, body job or shallow / intermediate coil trucks. No matter what the trucks are called the question is can they do the work, do it as well, as effectively and as safely when compared to a traditional coiled tubing truck or work over rig. "YES" we can.

Why should you consider our services and the value that we bring to our customers?

- The equipment we bring to the job site has a much smaller foot print than traditional units—We typically show up with the coil truck,, a company pickup and 3 men...Less equipment, less man power, less overhead means a cost and safety rating savings to you.
- We rig up on a typical well in 22 minutes or less and are ready to start work—How is that possible you ask—well our picker crane is on the truck so no picker truck to spot, our air and foam are already plumbed in and the unit is all one unit...we simply back up to the well and go to work. This means your well is off line significantly LESS time than any other method. We typically can do 3 wells a day dependant on, of course, the type of work being performed.
- We own virtually every traditional tool that is run on coil-so you are not paying a tool rental company to be on the well site so you are saving you huge \$\$,\$\$\$\$ per day. The exception is that we do NOT own the drill motors we use to do drill outs.
- No added equipment for compressed nitrogen, No 2 or more additional men on site, nor do you have the added "footprint" take by additional non integrated equipmentspace taken by the nitrogen transport truck and trailer and the company pickup that comes with unit...not to mention what are you going to do if you run out of nitrogen.

Still on the fence—turn over for a comparative table to see why Titan Oil and Gas integrated coil units are for you



Titan Oil and Gas Services, Inc.

PO Box 80570 Billings, MT 59108 800-406-5209
www.titanoilgas.com

An integrated coiled tubing service company focused on efficiency, safety and effectiveness.

Compare the value of an INTEGRATED coil tubing truck to the value of a traditional coil unit or a traditional work over rig

	Integrated Coil Truck Titan Oil and Gas Services	Conventional Coil Tubing Unit	Traditional Work over Rig
Total Units on well Site & size of foot print needed	2 Truck and pickup	4 Semi truck & trailer, crane truck, pickup	5 Rig, Rig support semi and trailer pickup and tool shack
Rig up Time (with well head removed)	22 minutes	3 hours	4 hours
Operation Depths	0' - 7000' with 1.50" coil 0' - 9000' with 1.25"	0' - 12,000' with 2.00" coil 0' - 16,000 with 1.25" coil	Unlimited
Operation Pressures	0- 1500 PSI	0- 10,000 PSI	Well has to be killed
Run time to TD of 4000'	100 ft/ min = 40 minutes plus 22 minute rig up TOTAL time 62 minutes	80 ft/ min = 50 minutes plus 180 min rig up TOTAL time is 230 minutes or 3.95 hours	25 ft / min = 160 min plus 240 min rig up TOTAL time is 400 minutes or 6.7 hours
Kill the well	No	No	Yes
Tripping in or out speed	0-100' per minute	0- 80' per minute	25' per minute if pipe racked
Tool rental company needed	No	Yes, add \$0 -\$16,000 a day	Yes, add \$0 -\$16,000 a day
Number of men on site	3	5	5
Total down time of well	Minimal, 0 - 3 hours	Medium, 0 - 12 hours	High, 0 -48 hours
Nitrogen or Compressed air INCLUDED	Yes, Compressed Air included And we don't run out of air	No, add \$0 - 9,000 For Nitrogen	No, add \$0 - \$ 9,000 For Nitrogen
Rig up time for Nitrogen or compressed air	None, already plumbed in	30 minutes for Nitrogen plus the foot print of tractor trailer unit	30 minutes for Nitrogen plus the foot print of tractor trailer unit
Additional man power for Nitrogen if no compressed air	None	2 Men	2 Men
On Board Low Volume Foamer	Included	Available at \$4500 a day	Available at \$4500 a day
Dial a Rate Programmable Underbalanced Foamer	Available at \$4500 a day	Unknown	Unknown
# of wells worked in a day	1 - 4	0 -1	0 - 1
Day rate	\$9,000 -\$12,000	\$10,000 - \$25,000	\$5,000 - \$9,000