

	HydraShock Jointed Pipe		Treatment Date
			2-Oct-2018
	Jointed Pipe Case History		Pages
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Document Number	Approver Position	Technical Engineer	
JP-0003	Approver Name	Logen Kanngiesser	

Days stuck before called: 6

Location: Susquehanna / PA

Formation: Marcellus

Scope Of Work:

Assist in freeing production tubing and regaining production of well

Background:

Tubing Size: 2-3/8" EUE

HydraShock tool: JP rescue tool

Immediate Concerns:

No circulation, flow from annulus, pipe rotation or tubing movement.

SICP: 0 psi SICP

Completion Specifics:

- 5.5" 20 #
- 6,660' 90°
- 0 psi SICP
- 160° BHT
- Obstruction- Sand from frac hit

Prior to Tenax being contacted the customer pulled to 112,000 lbs. several times as well as bump backside up to 5,000 psi. Rotation was attempted to 1,800 ft-lbs. with no success. A coil tubing unit was brought inn and sand was cleaned out of the tubing from 5,421' to a depth of 6,400'.

Treatment:

Tenax downhole specialist was dispatched and arrived on site, all data was verified with on site representative. Tubing hanger was pulled to the rig floor and removed. Injection through the string was achieved at 2 BPM at 2,000 psi. The 1.875" JP rescue tool was deployed and seated on the XN at 6,444' with a control Δnball on seat. Base line pressures and extrusion pressures were recorded. Δnball's were deployed with tubing in neutral weight. Two green Δnball's were sent down hole with no string movement noticed. Stepped up to blue Δnball's for a series of three with pipe in neutral weight, after the third ball hit free movement and string rotation was achieved. Circulated a surface to surface and tripped out of hole.