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Wellhead Change for Safety Prep

KOESTER 14-33

API: 05-123-17920

WINS: 75722

Step Description

1	Well needs tubing head assembly change by utilizing an RBP for safety prep. Well is a leaseholder - cannot leave any plugs downhole. Frac is 2' away from the well.
2	Contact field foreman or field coordinator before rig up to isolate production equipment if possible. Notify Automation Removal Group at least 24 hours prior to rig move. If surface casing is not accessible at ground level, re-pipe so valve is at ground level. Plug all disconnected valves around wellhead.
3	MIRU Slickline. Pull production equipment and tag bottom. Record tag depth in Open Wells. Well has Gyro from 01/09/15. RDMO Slickline.
4	Prepare location for base beam equipped rig. Install perimeter fence as needed.
5	Refer to BOP testing guidelines, fluid barrier management, and tripping best practices as applicable. All wireline operations will need a flanged changeover, WL BOP, Lubricator with an ID to fit the largest OD of the toolstring, and a packoff. WL and Slickline max speed is 500 ft/min. Please contact foreman to discuss arrangement of stack, or alternate plan. Contact your foremen with any questions regarding standard operating procedures or any potential deviations.
6	MIRU WO rig. Kill well as necessary using fresh water with biocide. ND WH. NU BOP. Unland tbg using unlanding joint and LD unlanding joint. **Barrier Management** Fluid will be the only barrier while NU BOP. Stop and review JSA.
7	TOOH tallying. SB all 2-1/16" tbg.
8	PU and TIH with 10,000 psi rated RBP (3-1/2", 7.7#) above and below on 2-1/16" tbg. Set RBP at +/-6510'. Collars at 6498' & 6536'.
9	Load hole with fresh water + biocide and circulate all gas out of well. Pressure test to 500 psi and hold for 15 minutes to confirm RBP set.
10	Stack out tubing on RBP. ND BOPS and tbg head. NU 5K tbg head. Install two 5K rated casing valves on the offside and two 5K rated casing valves on the flowline side for a total of 4 casing valves and XXH nipples (8" XXH nipple between wellhead and first casing valve and 4" XXH nipple between the two casing valves). NU BOPS.
11	Pressure test casing to 500 psi and hold for 15 minutes. No leakoff is acceptable. If leakoff occurs, contact engineer or foreman.
12	TOOH with RBP and LD.
13	TIH with 2-1/16" NC, 2-1/16" XN nipple and 2-1/16" tubing to +/-7280'. TOOH with 2 stands of tubing to +/-7202' to lower the fluid level in casing. Land tbg in tbg hanger.
14	RU slickline. Broach tubing to XN nipple with broach measured to tubing drift. RD slickline.
15	ND BOP. NU 7-1/16", 5K flanged tubing head adaptor w/ two new 2-1/16", 5K flanged master valves. Put new R46 gasket on tubing head. Install new tubing hanger ring gaskets. Install new lockdown screw packing. Ensure WH, valves, and fittings are rated to 5K. All soft goods should be new. Torque and test WH. Create Wellhead Report in OpenWells.
16	If Seabord/Weir - RU hydrotester. Install 2-3/8" pup joint above master valve. Hydrotest wellhead first to 250 psi for a low pressure test for 15 minutes. Then, hydrotest wellhead to 5,000 psi for 15 minutes. Document results. No leakoff is acceptable. RD hydrotester. If GE - pressure test void first to 250 psi for a low pressure test for 15 minutes. Then, pressure wellhead to 5,000 psi for 15 minutes. Document results. No leakoff is acceptable. Bleed off all pressure from the void when you are done.
17	Secure wellhead, clean up location. RDMO WO rig.