



OWL CREEK 6 - Re-Entry Well Program

Well: OWL CREEK 6
 API: 05-123-11931
 Engineer: Greg DeRonde

Well Details:

Production Casing Size	4-1/2" 11.6#	Surface Casing Size	8-5/8" 24#
Production Casing Effective Depth	7114' Unknown cut depth	Surface Casing Depth	304'
Niobrara Top	6750'	Existing CIBP with 2sks of Cement (Form 6s)	6700'
A Sand Top	2520'	Fox Hills	N/A
Top Perf	6754'	Deepest Water Well	460'

Summary of Program

Scope is to drillout cement and establish A-Sand/WW/SC Shoe isolation.

Well History:

No CBL on file, assumed TOC at 6298' using a 9" hole.

Well was P&A'd by Jenex Petroleum Corp. in 2003. An intent or subsequent was never filled. All plugging history appears to be assumed.

According to the Form 6s that was compiled by the ECMC: a CIBP was set at 6700', a 75 sxs SC shoe was pumped from 250'-420', and a 10 sxs top of was performed.

Based on the recollection of the LO, casing was cut and pulled. The depth is unknown, however it was assumed it was cut and pulled deep to recoup value for the casing.

Proposed Method:	Re-Enter and P&A
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Re-Entry Procedure

Procedure

- 1 NU flange adaptor.
- 2 MIRU. Conduct pre-job safety meeting.
- 3 Complete a Form 17 Bradenhead Test. Note: per COA sampling is also required if initial BH pressure is greater than 25 psi, if liquids are present, or any pressure at end of test. Notify Engineer if sample is taken.
- 4 Kill well with 8.3 ppg fresh water. Consult Engineer if unable to kill well with FW.
- 5 Verify well is static. Flow check well for 15 minutes. N/U 5K 9" BOP (or larger): 2.875" pipe rams and blind rams. Adapter will be needed from WH to BOP.
- 6 Pressure test BOP connection. Bleed pressure.
- 7 RU Power swivel
- 8 PU Drillout BHA (tri-cone bit, bit sub, drill collars, tubing) and RIH to TOC and drill out to the second plug placed from 250' to 420'.
- 9 RIH and drill out to bottom of SC shoe plug, estimated BOC at 420'.
- 10 Wash down to 2500' (20' above A-Sand top).
- 11 Establish Circulation.
- 12 Circulate 2X bottoms up.
- 13 POOH, LD drillout BHA.
- 14 RIH to 2500' with workstring.
- 15 Pump 10bbls Chemical Wash followed by 116 sks of cement, plug from 2500'-2200' (A-Sand Plug). Displace with fresh water to balance plug.
- 16 POOH w/ workstring to 1800' and reverse circulate until clean returns observed.
- 17 Pump 10bbls Chemical Wash followed by 154 sks of cement, plug from 1800'-1400'. Displace with fresh water to balance plug.
- 18 POOH w/ workstring to 660' and reverse circulate until clean returns observed.
- 19 Pump 254 sacks of cement to surface.
- 20 Top off cement if needed. Cement needs to be approx. 10' from surface.
- 21 ND BOP.
- 22 RDMO.