IW 42dH-10-65 Well History

**July 21, 2005** – Mix mud and spud well with 12 ¼” bit. Survey at 165’.


**July 24, 2005** – Wait on cement. Rig up and run 1” pipe down annulus and tag cement top at 55’ below KB. Rig up Halliburton and cement casing with 50 sx. Wait on cement. Cut off conductor and weld on casing bowl. Test wellhead to 750 psl. Nipple up BOPE. Function test BOP. Tested BOPE as per regulation. DOGAMI unable to witness.

**July 25, 2005** – Pressure test pipe rams, Kelly cook, stand pipe valve. All OK. Drill out 13 3/8” casing shoe. Trip out of hole and pick up 8 ¾” bit and directional tools. Drill ahead to 1450’ as per directional program. Mud weight = 8.7, Viscosity = 49.

**July 26, 2005** – Drill ahead as per directional program to 2400’. Hole angle 73 degrees. Mud weight = 8.9, Viscosity = 49.


**July 28, 2005** – Open hole to 12 ¾” from 1106’ to 2131’. Mud weight = 9.0, Viscosity = 66.


**July 30, 2005** – Trip out hole for logs. Safety meeting. Lay down hole opener. Rig up Halliburton and log as per program. Pick up hole opener and run in hole and wait on cementers. Spot gel pill on bottom. Trip out for casing. Mud weight = 9.2, Viscosity = 73.


**August 1, 2005** – Work tight casing. Establish full circulation and work mud ball off of annulus casing packer. Wash casing to bottom. Condition mud and hole to cement. Rig up Halliburton and cement casing with lead slurry of 160 sx type III mixed with 2% Caselat + 2% CaCl2 + 5.52%sx salt + 3% Versanet + 5#sx gilsonite + 5% microbond. Tail in 450 sx mixed with 1.16#/sx KOI + 10% microbond + 1.3% 344 + .6% CFR + .5 D-Air. Inflated casing packer. Cut off casing and install secondary packing ring. Clean up cement. Mud weight = 9.0, Viscosity = 45.


**August 3, 2005** – Conduct safety meeting. Clean mud tanks. Fill tanks with drill in fluid from storage. Circulate and condition fluid to drill sand section. Trip out of hole and pick up directional tools. Trip in hole and drill ahead from 2472’ to 2949’. Drilling at 90.6 degrees. Mud weight = 8.8, Viscosity = 34.

**August 4, 2005** – Conduct safety meeting. Drill to 3134’ (TD). Circulate hole clean. Trip out of hole into casing. Trip to bottom. Circulate and condition fluid and hole. Trip out of hole and lay down directional tools. Pick up slick string and bit and trip in hole. Circulate at 9 5/8” shoe and wait on Halliburton logging unit. Mud weight = 8.8, Viscosity = 33.

**August 5, 2005** – Conduct safety meeting. Trip in hole to 3134’. Circulate. Trip out of hole for logging. Rig up Halliburton and run
cased hole logs. Pick up open hole tools. Trip in tools to 3117'. Log horizontal section with drill pipe push. FMI tool failed. Relog from 3117' to casing shoe. Mud weight = 8.8, Viscosity = 33.

**August 6, 2005** – Conduct safety meeting. Continue logging with Halliburton. Trip out of hole with logging tools and lay down same. Trip in hole with bit and drill string. Displace hole with 8.8 lb/gal filtered KCl water. Trip out of hole. Rig up to run liner. Mud weight = 8.8, Viscosity = 33.


**August 24, 2005** – Vetco Service hand on site and replaced o-rings and repaired leaky wellhead. Well ready for testing.