

Hollar 30-43 (WI 31.71625%; PTD 7600')

ID#13615

SW/4SE/4 Sec. 30, T7N-R66W

Weld County, CO

Daily Drilling Reports

Fort Rig #5

05/29/08

PO: Rigging up

Present depth: 883'. Rotating hrs this 24 = 10.00. Fort Rig 5 spud @ 12:25 PM, 05/28/08. RIH w/ 11 jts 8.5/8" 24# csg set @ 401'. Cemented w/ Premium Lite 350 sxs, Class G 100 sxs. Plug down @ 2:00 PM. Svys: 0.50° @ 400', 1.00° @ 883'. Bit #1: 12 1/4" in @ 0' to 883' in 10.00 hrs.

883'

05/30/08

PO: Drilling

Present depth: 5416'. Rotating hrs this 24 = 16.25. Svys: 0.50° @ 1000', 0.50° @ 1500', 0.50° @ 2000', 0.50° @ 2516', 1.00° @ 3015', 1.50° @ 3515', 0.50° @ 4014', 1.00° @ 4513', 0.50° @ 4951'. Bit #1: 7 7/8" in @ 883' to 5416' in 16.25 hrs.

05/31/08

PO: Drilling

Present depth: 7570'. Rotating hrs this 24 = 12.75. Svys: 0.50° @ 5750', 0.50° @ 6820', 0.50° @ 7007'. Bit #1: 7 7/8" in @ 883' to 7570' in 29.00 hrs.

06/01/08

Fort Rig 5 reached DTD of 7570' @ 00:00 hrs 05/31/08. Circulate and condition mud [00:00-00:30]. Short trip above Niobrara [00:30-01:15]. Circulate and condition mud [01:15-02:45]. Lay down drill string f/ wire line logging [02:45-09:30]. Wait on PSI [09:30-10:30]. Rig up PSI & run wire line logs [10:30-13:30]. LTD 7593', Parkman 3787', Sussex 4494', Shannon 4930', Niobrara 7092', Ft. Hayes 7379', Codell 7400'. Rig up Kimzey casing crew & run 4.5" casing, circulated @ 80 & 120 jts [13:30-18:30]. Circulate, thin back mud, set slips [18:30-20:00]. Mix & pump cement w/ Halliburton [20:00-21:30]. Plug down @ 21:30 hrs 05/31/08. Rig released @ 23:30 hrs 05/31/08. **Casing report:** Ran 178 jts 4.5", 11.6#/ft, M-80 LT&C 7100 psi test Tenaris casing delivered from Colorado Tubular yard in Ft. Morgan. Total 7554.63' landed @ 7566.98' KB w/ 1.35' shoe and 11' landing jt in. Shoe 1.35', shoe jt 19.19', Baffle plate, 11 jts 469.08', Niobrara marker jt 18.59', 165 jts 7047.77'. **PBTD 7546.44'**. There are 5 jts left on rack (one has a bad collar and one is bent) that total 202.26' that will be moved to the next well. Tagged with 14' landing joint and 30' in on tag joint in for a TD of 7600'. Ran 20 centralizers on bottom every jt from 6717' to 7546'. We also ran centralizers @ 3730', 4413', and 4882' (1 @ each depth). Baskets were run @ 3772', 4456', and 4925'.

Cement report: Halliburton Services pumped 20 bbls of pre-flush with Clayfix, then 24 bbls Mud Flush III, followed by 20 bbl Clayfix spacer. Then mix and pump: **Lead Cement, 1050 sx** [ordered] 1052 sx [calculated] 50/50 Poz standard w/ 0.2% Halad-23, and 0.2% HR-5. The slurry was 250.6 bbl [calculated], 251 bbl [measured] mixed @ 13.8 ppg for a yield of 1.34 cu ft/sk. **Cement covers from surface to 5400'** with 2% excess. Then mix and pump: **1st Tail Cement, 75 sx** [ordered] 75 [calculated] HLC, 65% cement, 35% Poz, w/ 4% Gel, 0.5% Econolite, 0.2% D-air, and 5 #/sk Silicalite. The slurry was 54.2 bbl [calculated], 54 bbl [measured] mixed @ 10.5 ppg for a yield of 4.06 cu ft/sk. **Cement covers from 5400' to 6550'** with 5% excess. Then mix and