



Outlook

WGV 414-27-697 - P&A Approval Request

From Brent Antolik <Brent.Antolik@FlywheelEnergy.com>

Date Sat 8/23/2025 11:16 AM

To diana.burn@state.co.us <diana.burn@state.co.us>

Cc Jeff Kirtland <jeff.kirtland@flywheelenergy.com>; James Head <James.Head@FlywheelEnergy.com>;
curtis.haverkamp@state.co.us <curtis.haverkamp@state.co.us>; Aaron Katz - DNR <aaron.katz@state.co.us>;
Cole Walton <cole.walton@flywheelenergy.com>

Diana,

Thank you for the phone call and for granting us verbal approval to P&A this well if fishing operations are not successful.

Here is the information regarding the well in subject.

Well: WGV 414-27-697
 API: 05-045-24586-00
 Depth: 1,737'
 Fish Depth: ~1,296'

i: Description of Situation (Timeline):

08/22/25 (Time in MST)

0430: Became stuck while in the slips making a connection at 1,737'
 0430- 0730: Work on stuck pipe until freed
 0730 - 0800: Clean up cycle – prepped to TOOH
 0830: TOOH to 1525' and became stuck again (lost all rotation)
 0830- 1600: Unable to get pipe free after slacking off with torque in the string and attempting to alleviate pack off
 1600-1730: RU WLU and run free point – found pipe was fully free to the gap sub (deepest point WL could pass) on top of BHA at ~1296'
 1730-1830: Work string while waiting on fishing tools
 1830-1930: Backed off DS 1 stand of HWDP above the BHA ~1296'
 1930-2300: TOOH (found successfully backed off where planned), PU fishing tools, RIH with fishing BHA
 2300-2400: Screwed into fish

8/23/25

2400-1100: Presently jarring on fish to attempt to get free

ii: TMD reached: 1,737'

iii: Casing set

- 20" conductor casing set at 110'
- 14-3/4" open hole down to 1,737'

iv: Description of fish in hole:

Directional Drilling Assembly

Estimated length: 229'

Estimated Top of Fish: 1,296'

- 14-3/4" bit
- 9-5/8" directional motor
- Non-magnetic drilling collar (2)
- MWD Tool
- MWD Gap sub

v: Description of proposed plugs

- Set Depths: 1296' to 1098'

- Volume: **41.9 bbl**
- Height: 198'

vi: Type of Cement to be used

- Density: 15.8 ppg
- Type: Class G cement
- Compressive Strength : 500 psi in 08:03, 1482 psi in 24:00 (meets requirement for 300 psi in 8 hrs, 800 psi in 72 hrs)
- Yield: 1.16 cu-ft/sk
- Total Sacks: 202
- Water: 5.007 gal/sk

Plan Forward:

- Currently jarring on fish while waiting on Wireline unit to arrive on location
- Rig up wireline to perform backoff on Drill String at known free point (~1296')
- After backing off, TOO H to LD fishing tools and RIH with open-ended DP to spot cement plug on top of fish
- Spot 200' cement plug
 - 15.8 ppg Class G cement (300 psi in 24 hrs, 800 psi in 72 hrs)
- Skid off of 414-27-697 and finish P&A well offline by bringing cement to surface

Best,

Brent Antolik, P.E.
Senior Drilling Engineer



M: 570-592-1589

Brent.Antolik@FlywheelEnergy.com