

## Light, Cheryl

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**From:** Diane McCoy - DNR <diane.mccoy@state.co.us>  
**Sent:** Friday, January 11, 2019 10:07 AM  
**To:** Cordaro, Chris  
**Cc:** Pitts, Bob; Light, Cheryl; Barber, Candice; Thomas, Jennifer; Gray, Cindy  
**Subject:** Re: BROWN 32-35 - API 05-123-27132

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Per our phone conversation, please squeeze into the cut attempt at 2500'. The rest of the changes approved as requested. Submit the CBL with the Form 6 subsequent.

Thanks,

Diane McCoy  
Engineer



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On Thu, Jan 10, 2019 at 4:49 PM Cordaro, Chris <[Chris.Cordaro@anadarko.com](mailto:Chris.Cordaro@anadarko.com)> wrote:

Diane,

On the Brown 32-35 we tried to cut our casing at 2500'. We ran several cutting tools, and tried to pull it using casing jacks. We can circulate through the cut to surface, but the casing seems to be stuck. We ran a CBL, and although it probably isn't cement, it looks like mud or something is holding our casing from 1470' – 2220'.

I would like to pump a 20 sx plug across our multiple cut attempts at 2500' to cover the holes from 2600'-2400'. This plug will be tagged.

I would like to propose a new casing cut point, at 1430'. We will pump a plug from 1530'-1330', half in the 4.5" and half in the Open Hole. This plug will be tagged, and we will confirm no pressure before pumping a plug from 1330'-769'.

|                 |                           |               |             |          |                      |
|-----------------|---------------------------|---------------|-------------|----------|----------------------|
| API:            | 05-123-27132              | ELEVATION:    | 5020        | QTR-QTR: | NWSW                 |
| WELL NAME:      | BROWN 32-35               | GROUND LEVEL: | 5004        | SECTION: | 35                   |
| COUNTY:         | WELD                      | MD:           | 7708        | TWNSHIP  | 3N                   |
| LATITUDE:       | 40.1799926                | PBMD:         | 7665        | RANGE:   | 66W                  |
| LONGITUDE:      | -104.7515259              | CREATED BY:   | D. MCDANIEL |          |                      |
|                 |                           | DATE:         | 1/10/2019   |          |                      |
|                 |                           |               |             |          |                      |
|                 | Existing                  |               | DATUM: RKB  |          | Proposed             |
|                 |                           |               | KB=16'      |          |                      |
| Hole Size/Depth | 12-1/4" / 835'            |               | Cmt to Surf |          |                      |
|                 |                           |               | 80'         |          |                      |
|                 |                           |               |             | 769'     | TOC in S.C.          |
| Surface Casing  | 8-5/8", 24#/ft set @ 819' |               |             |          |                      |
|                 | 379 Sx Cmt                |               | 290 sx      |          |                      |
|                 | Fox Hills Marker          | 1269'         | 1.55 yld    |          |                      |
|                 |                           |               |             | 1330'    | BOC inside csg       |
|                 |                           |               | 14#         | 1330'    | TOC in OH            |
|                 |                           |               | 1.55 yld    | 1430'    | Shoot off casing     |
|                 |                           |               | 55 sxs      | 1530'    | BOC inside csg       |
|                 |                           |               |             |          |                      |
|                 |                           |               | 20 sxs      | 2400'    | TOC inside casing    |
|                 |                           |               | 1.16 yld    | 2500'    | Attempted casing cut |
|                 |                           |               | 15.8 ppg    | 2600'    | BOC inside csg       |
|                 |                           |               |             |          |                      |
|                 | TOC (from CBL)            | 3215'         |             |          |                      |

Please let me know if this will be acceptable.

These are the Verbal Approval Instructions

Verbal approval for plugging as follows:

Call and email area inspector to notify them of plugging operations. Implement measures to control venting, to protect health and safety, and to ensure that vapors and odors from well plugging operations do not constitute a nuisance or hazard to public welfare. Please contact John Axelson to determine what sampling is required.

CIBP at 7190' with 25 sacks of cement on top.  
CIBP at 4365' with two sacks of cement on top.  
Cut and pull production casing at 2500'

Plug from 2600-2000', must be tagged, wait at least 8 hours after pumping this plug to verify there is no longer gas or liquid migration to surface.

Surface casing shoe plug from 1370-769', must be tagged at 769' or shallower.

CIBP at 80' with cement to surface.

Properly abandon on-location flowlines per Rule 1105. File electronic Form 42 once abandonment complete. Within 30 days of completing abandonment requirements for an off-location flowline or crude oil transfer line the operator must submit a Flowline Report, Form 44

Thanks,

Chris Cordaro

Cell: 432.209.1371

Office: 970.515.1677