

Campbell, Patricia

From: Sprowls, John M
Sent: Monday, April 13, 2015 7:40 AM
To: Euser, Sara; Campbell, Patricia
Subject: RE: FC 004 FT 2 - Refrac SOR

Sara and Patti,

Here is what we are carrying as tops and bottoms for the Fruitland Coal and the individual coal seams.

| | # of <u>Seams</u> | <u>Top</u> | <u>Bottom</u> |
|-----------------|----------------------|------------|---------------|
| Fruitland | | 2651 | 3084 |
| Lemon | 3 | 2694 | 2726 |
| Lower Lemon | 3 | 2758 | 2890 |
| Ignacio | 2 | 2933 | 2956 |
| Cottonwood | 1 | 3001 | 3036 |
| Cahn | 2 | 3070 | 3084 |
| | 11 | | |
| Pictured Cliffs | | 3084 | |
| PC Tongue 2 | | N/A | |
| PC Tongue 1 | | N/A | |

The perfs that we would like to add are in the following coal seams:

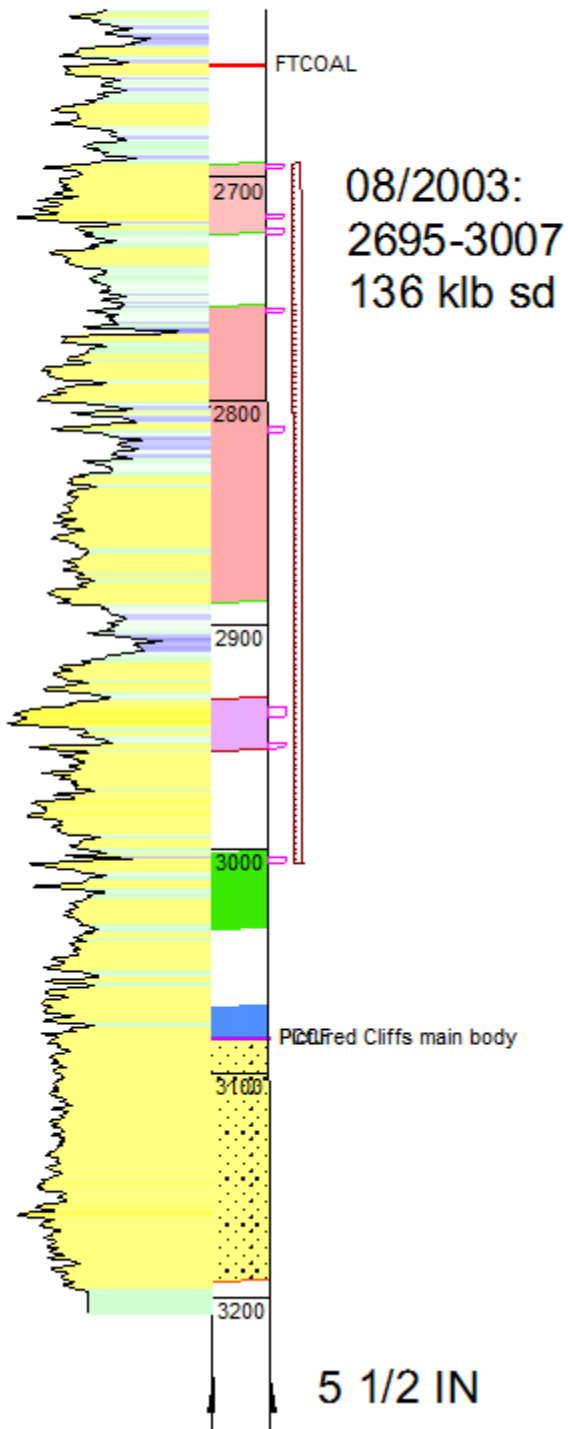
| | | |
|-----------|---------|---------------------------------|
| 3002-3008 | Ignacio | Will be fracture stimulated |
| 3015-3018 | Ignacio | Will be fracture stimulated |
| 3074-3076 | Cahn | Will not be fracture stimulated |
| 3080-3082 | Cahn | Will not be fracture stimulated |

Below is a log section from Petra showing the tops and bottoms of the color coded coal seams.

05067088270000



FC SO UTE COM 4 FT #2



Let me know if you need anything else.

Thanks,

John

From: Euser, Sara
Sent: Sunday, April 12, 2015 11:10 PM
To: Sprowls, John M
Subject: Fwd: FC 004 FT 2 - Refrac SOR

John can you help me with Patti's question below please?
S

Sent from my iPhone

Begin forwarded message:

From: "Campbell, Patricia" <Patricia.Campbell@bp.com>
Date: April 12, 2015 at 1:17:23 PM MDT
To: "Euser, Sara" <Sara.Euser@bp.com>
Subject: RE: FC 004 FT 2 - Refrac SOR

Hi Sara,

The COGCC Scout card shows the Bottom of the Fruitland coal at 3007 and per the SOR you plan to perf 3008-3082. Do we have PETRA data indicating this is in the Fruitland formation? We will have to update their data.

Thank you,

Patti Campbell
Regulatory Analyst
(970) 335-3828 (Office)
(970) 375-7529 (Fax)
[*patricia.campbell@bp.com*](mailto:patricia.campbell@bp.com)

From: Euser, Sara
Sent: Friday, April 10, 2015 3:41 PM
To: Loose, Phyllis K
Cc: Hamshari, Ali; Lanan, Kevin T; Hise, Nathan; Bileen, Marcus D; Greenwood, Gene; Joseph, Jason M; Hawk, Andrew G; Campbell, Patricia; Simmons, Mike; Clutter, Heather J
Subject: FC 004 FT 2 - Refrac SOR

Phyllis,
The FC 004 FT 2 Refrac SOR is ready to go. All relevant documentation is in the folder below. Let me know if there is anything else you need from me.

<< File: FC004FT2_RefracSOR_UpdatedForm.pdf >>
I:\Engineering\Rig\SORs_From_Production_Engineers\FC 004 FT 2 (Refrac)

Patti, we will be adding perforations to this well.

Thanks,

Sara Euser

San Juan North Base Team

Petroleum Engineer

office: 970.382.2982

cell: 303.718.0119

sara.euser@bp.com