Foundation Energy Management, LLC

Drilling - Completion - Workover - Facilities

WELLBORE DIAGRAM

Well / Battery	Prospect Name	Total Depth	Last Updated
Appel 2	DJ Merit	4,750'	3/30/2011 (JAF)
Location	**Sec-Twn-Rng**	**Producing Horizon**	**County & State**
NW NW	29-02N-66W	Sussex	Weld, CO

WELLBORE DIAGRAM

General Info

API #: 05-123-08029

KB Elevation: 4,891'
GL Elevation: 4,883'

Spud Date: 8 April 1974
Completion Date: 29 April 1974

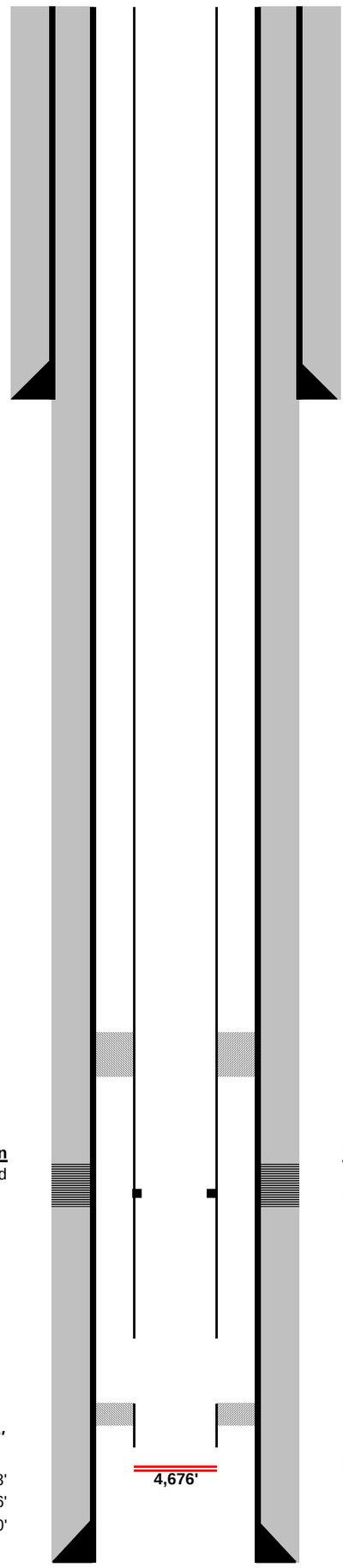
TD: 4,750'

Special Problems

> NOTE Fish in Hole.

> Records on Fill Mixed - Tag Carefully

> Tubing/Rod Details Correct?



Surface Pump
National 114 - Electric

Surface Casing
8-5/8" 20# @ 607' in 12-1/4" Hole
475 sks
TOC @ Surface

Rods
1 - 1 1/4" PR
1 - 3/4" x 2' sub
183 - 3/4"

Pump
1-1/4 x 16 THD

Tubing
2-3/8" x 141 Joints
4-1/2" x 2-3/8" Anchor
2-3/8" x 6 Joints
Seating Nipple
25' Mud Anchor

Tubing Anchor
4,456'

Seating Nipple
4,621'

Mud Anchor
4,646'

Stimulation
52.4k gal E-1 & 100k# snd

Perforations
4,616 - 4,640' (Sussex)
IP Test: 142 bopd, 64 Mcfg, 4 bwpd, 450 scf/stb

Est. Rat Hole: 22'

Current PBTD (4/25/74): 4,668'
Original PBTD: 4,676'
TD: 5,050'

4,676'

Baker Pkr pushed to bottom

Production Casing
4-1/2", 9.5#, @ 4,739' in 7-7/8" Hole
300 sk
TOC @ +/-2,982'