

Frac Wellbore Schematic Report

Well Name: CROISSANT 19-43

Well Config: VERTICAL - ORIGINAL HOLE, 3/12/2012 12:42:44 PM

Well Header

API	Business Unit		Spud Date		Well Configuration Type	
05-123-22800	WATTENBERG		5/26/2005		VERTICAL	
Orig KB Elev (ft)	KB - GL / ...	Quarter Quarter	Sec/Abs	Twn/Sur...	Range	P & A Date
4,811.00	10	SWSE	19	5N	67W	

Comment

KEEP GATES CLOSED AT ALL TIMES.

Directions To Well

RD54 / RD 15 WEST 2/10,NW TO TANK BATTERY NORTH 1/10 WEST 300' INTO

Current PBD (ftKB)

ORIGINAL HOLE - 7095.0

Bottom Hole Location

North-South Distance (ft)	From N or S Line	East-West Distance (ft)	From E or W Line

PBDs

Date	Depth (ftKB)	Method	Comment
6/1/2005	7,150.6	CASING TALLY	FLOAT COLLAR
6/27/2005	7,142.0	CASED HOLE LOG	DEPTH LOGGER

Wellbore Sections

Section	Size (in)	Act Top (ftKB)	Act Btm (ftKB)
SURFACE	12 1/4	10.0	400.0
PRODUCTION	7 7/8	400.0	7,162.0

Zone Statuses

Zone	Status Date	Status	Job
CODELL	10/6/2005	PR	DRILLING/COMPLETION - ORIGI...
CODELL	12/12/2011	PR	RE-FRAC, 10/11/2011 09:00

Casing Strings

Casing Description	Run Date	String OD (in)	String Wt (lbs/ft)	String Grade	Top (ftKB)	Set Depth (ftKB)
Surface	5/27/2005	8 5/8			10.0	390.0
Production	6/1/2005	4 1/2	11.60		9.8	7,162.0

Cement

Description	Top (ftKB)	Btm (ftKB)
REMEDIAL CASING CEMENT	10.0	3,996.0
SURFACE CASING CEMENT	10.0	390.0
PRODUCTION CASING CEMENT	6,076.0	7,162.0

Tubing Components

Item Description	OD (in)	Wt (lbs/ft)	Grade	Jts	Len (ft)
EUE 8rd Tubing	2 3/8	4.70	J-55	232	6,987.56
Seating Nipple	2 3/8	5.40	J-55	1	1.20
Notched collar	2 3/8		J-55	1	0.45

Perforation Data

Zone	Bnch/Stg	Entered Shot Total	Top (ftKB)	Btm (ftKB)	Date
CODELL, ORIGINA...		80	7,012.0	7,032.0	6/28/2005

Stimulations & Treatments

Bnch/...	Date	Zone	Primary Job Type
	7/8/2005	CODELL, ORIGINAL HOLE	DRILLING/COMPLETION - ORIGINAL

Comment

Total Add Amount	V (pumped) (gal)	V (slurry) (gal)	V (gas) (mcf)
Proppant 250690 lb; 25690 25690		81980	

Avg Treat Pressure (psi)	Max Treat Pressure (psi)	Avg Treat Rate (bbl/min)	Max Treat Rate (bbl/min)
3,130.0	3,741.0	26.00	

Bnch/...	Date	Zone	Primary Job Type
	11/1/2011	CODELL, ORIGINAL HOLE	RE-FRAC

Comment

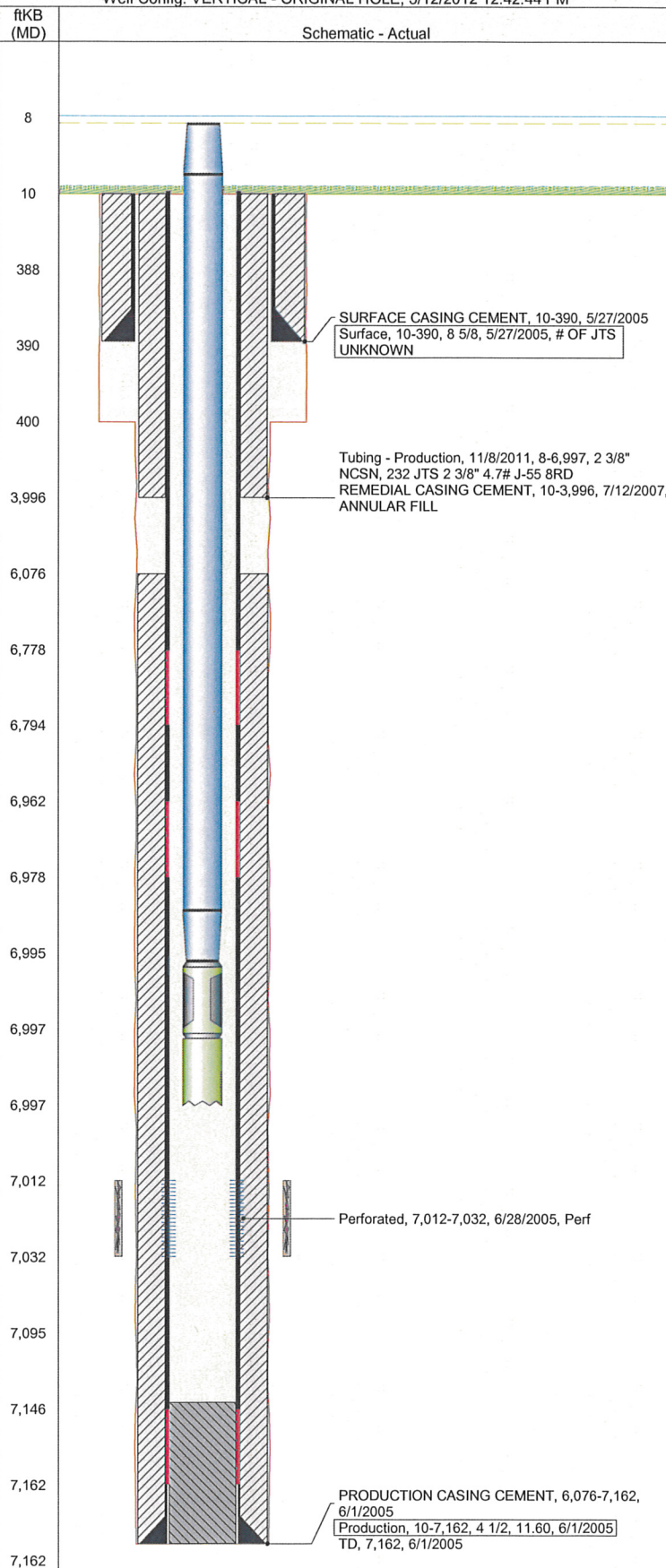
(CODELL RF) JOB WENT TO PLAN, WITHOUT INCIDENT. PH 10.25, TEMP 69.4 'F, AND FINAL 5 MIN SI 2876 PSI

Total Add Amount	V (pumped) (gal)	V (slurry) (gal)	V (gas) (mcf)
Proppant Ottawa 246901.241 lb	131582	142712	

Avg Treat Pressure (psi)	Max Treat Pressure (psi)	Avg Treat Rate (bbl/min)	Max Treat Rate (bbl/min)
4,500.0	6,462.0	14.90	15.20

Other In Hole

Run Date	Description	OD (in)	Top (ftKB)	Btm (ftKB)



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Logs

Date	Type	Top (ftKB)	Btm (ftKB)
6/1/2005	COMPENSATED DENSITY	3,200.0	7,145.0
6/1/2005	INDUCTION	400.0	7,165.0
6/27/2005	ACOUSTIC	5,900.0	7,140.0

