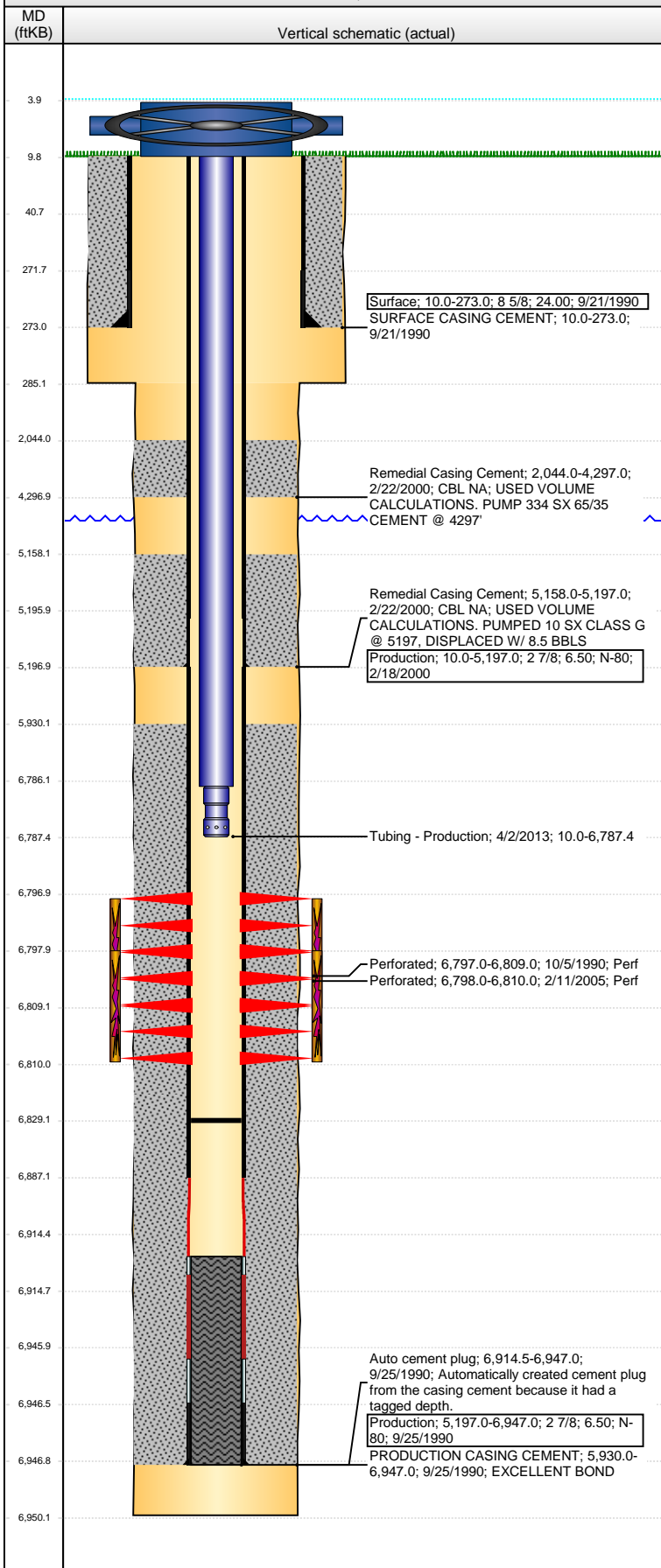


Well Name: LARSON A25-02

VERTICAL - ORIGINAL HOLE, 2/10/2016 12:28:29 PM



Well Header

API	Business Unit	District	Well Config
05-123-14702	DJ BASIN	15	VERTICAL
Original KB Elevation (ft)	KB - GL / MSL (ftKB)	Spud Date	P & A Date
4,650.00	10.00	9/20/1990	

Comment
CASING REPAIR IN 2000 - CSG PATCH @ ~5200. CS HYDRIL CSG ABOVE PATCH & DSS CSG BELOW PATCH.

LOGGER'S TD DEEPER (6958') THAN TD USED FOR THIS WELL FROM DRILLING (6950')

DUAL INDUCTION LOG HAS 13' KB, USED 10' KB FROM STATE/CBL

Directions To Well

RD 66 & RD 61. WEST 3/10. SOUTH 1/10 INTO.

Congressional Location

Quarter 1	Quarter 2	Quarter 3	Quarter 4	Section	Township	Twnshp N...	Range	Rng E/W Dir
		NW	NE	25	6	N	64	W

Bottom Hole Location

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

Plug Back Total Depths

Date	Depth (ftKB)	Method	Com
9/25/1990	6,914.5	CASING TALLY	TOP OF LATCH DOWN BAFFLE
10/5/1990	6,845.0	TAG	DEPTH LOGGER ON CBL
2/23/2005	6,836.0	TAG	LAST CLEANOUT OF WB
4/1/2013	6,802.0	TAG	SLICKLINE TAGGED.
4/2/2013	6,829.0	TAG	C/O WITH NC/SN.

Wellbore Sections

Section Des	Size (in)	Act Top, MD (ftKB)	Act Btm, MD (ftKB)
SURFACE	12 1/4	10.0	285.0
PRODUCTION	7 7/8	285.0	6,950.0

Zone Statuses

Zone Name	Status Date	Status	Fluid Type	Job	Prod Method
CODELL	10/11/1990	PR		DRILLING/CO...	
CODELL	3/2/2005	PR		RE-FRAC, 2/8/...	

Casing Strings

Surface, 273.0ftKB

Casing Description	Run Date	OD (in)	Wt/Len (l...)	Grade	Top, MD (ft...)	MD (ftKB)
Surface	9/21/1990	8 5/8	24.00		10.0	273.0

Production, 5,197.0ftKB

Casing Description	Run Date	OD (in)	Wt/Len (l...)	Grade	Top, MD (ft...)	MD (ftKB)
Production	2/18/2000	2 7/8	6.50	N-80	10.0	5,197.0

Production, 6,947.0ftKB

Casing Description	Run Date	OD (in)	Wt/Len (l...)	Grade	Top, MD (ft...)	MD (ftKB)
Production	9/25/1990	2 7/8	6.50	N-80	10.0	6,947.0

Cement

Description	Top Depth (ftKB)	Bottom Depth (ftKB)
SURFACE CASING CEMENT	10.0	273.0
PRODUCTION CASING CEMENT	5,930.0	6,947.0
Remedial Casing Cement	2,044.0	4,297.0
Remedial Casing Cement	5,158.0	5,197.0

Tubing Strings

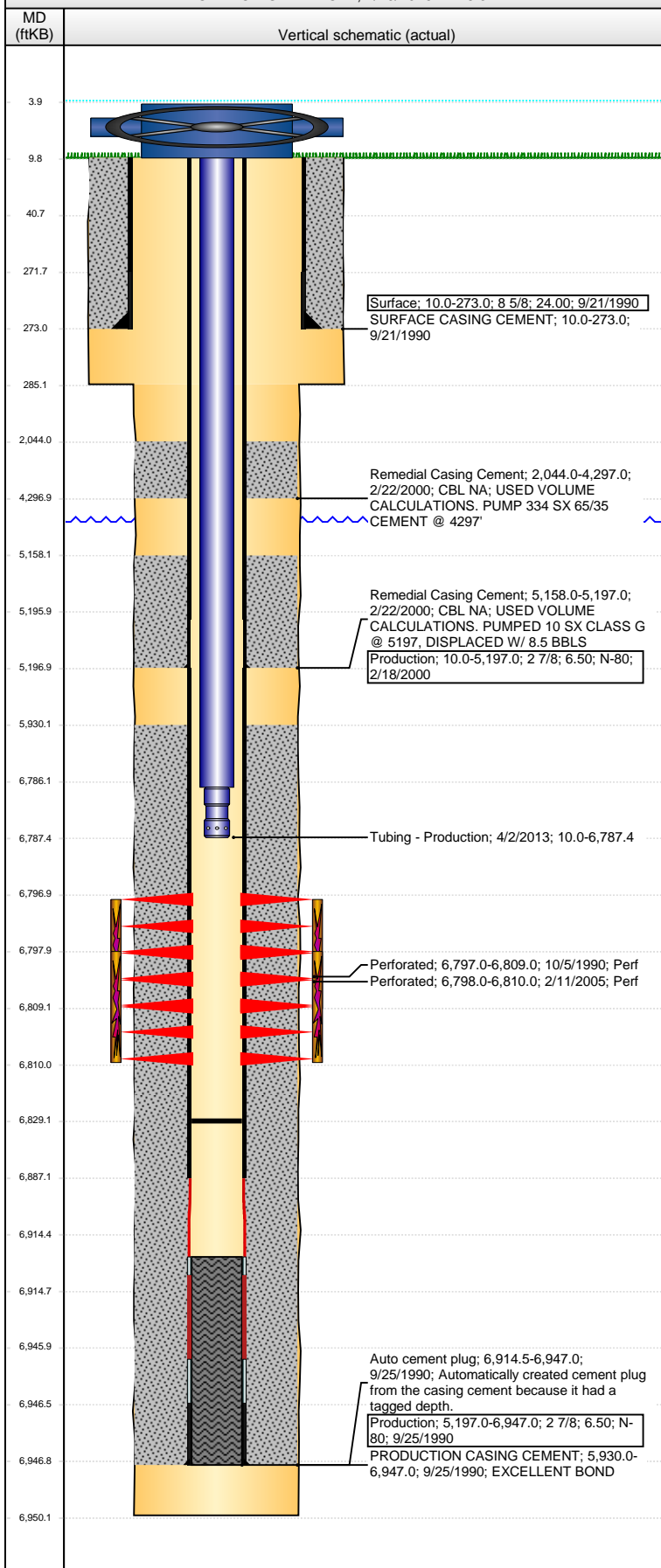
Tubing Description	Run Date	String...	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Set De...
Tubing	2/28/2005	1.66	1.380	2.33	J-55	6,766.70	
Tubing - Production	4/2/2013	1.66	1.380	2.30	J-55	6,777.41	

Tubing Components

Item Des	OD (in)	Wt (lb/ft)	Grade	Jts	Len (ft)	Btm (ftKB)	Btm (TVD) (ftKB)
Tubing	1.66	2.30	J-55	206	6,776.21	6,786.2	
Pump Seating Nipple	1 1/4	2.30	N-80	1	1.20	6,787.4	

Well Name: LARSON A25-02

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Perforation Data

Zone	Brnch/St g	Entered Shot Total	Top (ftKB)	Btm (ftKB)	Date
CODELL, ORIGINAL HOLE		26	6,797.00	6,809.00	10/5/1990
CODELL, ORIGINAL HOLE		48	6,798.00	6,810.00	2/11/2005

Stimulations & Treatments

Date	Zone	Primary Job Type
10/6/1990	CODELL, ORIGINAL HOLE	DRILLING/COMPLETION - ORIGINAL
Technical Result	Tech Result Details	Tech Result Note
Success	According to Plan	

Comment
POST FRAC ISIP'S:

5 MIN = 3270 PSI
10 MIN = 3170 PSI
15 MIN = 3140 PSI

Date	Zone	Primary Job Type
2/18/2005	CODELL, ORIGINAL HOLE	RE-FRAC
Technical Result	Tech Result Details	Tech Result Note
Success	According to Plan	

Comment
POST FRAC 5 MIN ISIP= 3052 PSI
F.G. = 0.768

Other In Hole

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

Logs

Date	Type	Top, MD (ftKB)	Btm, MD (ftKB)
9/25/1990	COMPENSATED DENSITY	3,468.0	6,956.0
10/5/1990	CBL/CCL/GR	5,800.0	6,840.0
3/20/2014	GYRO	10.0	6,700.0