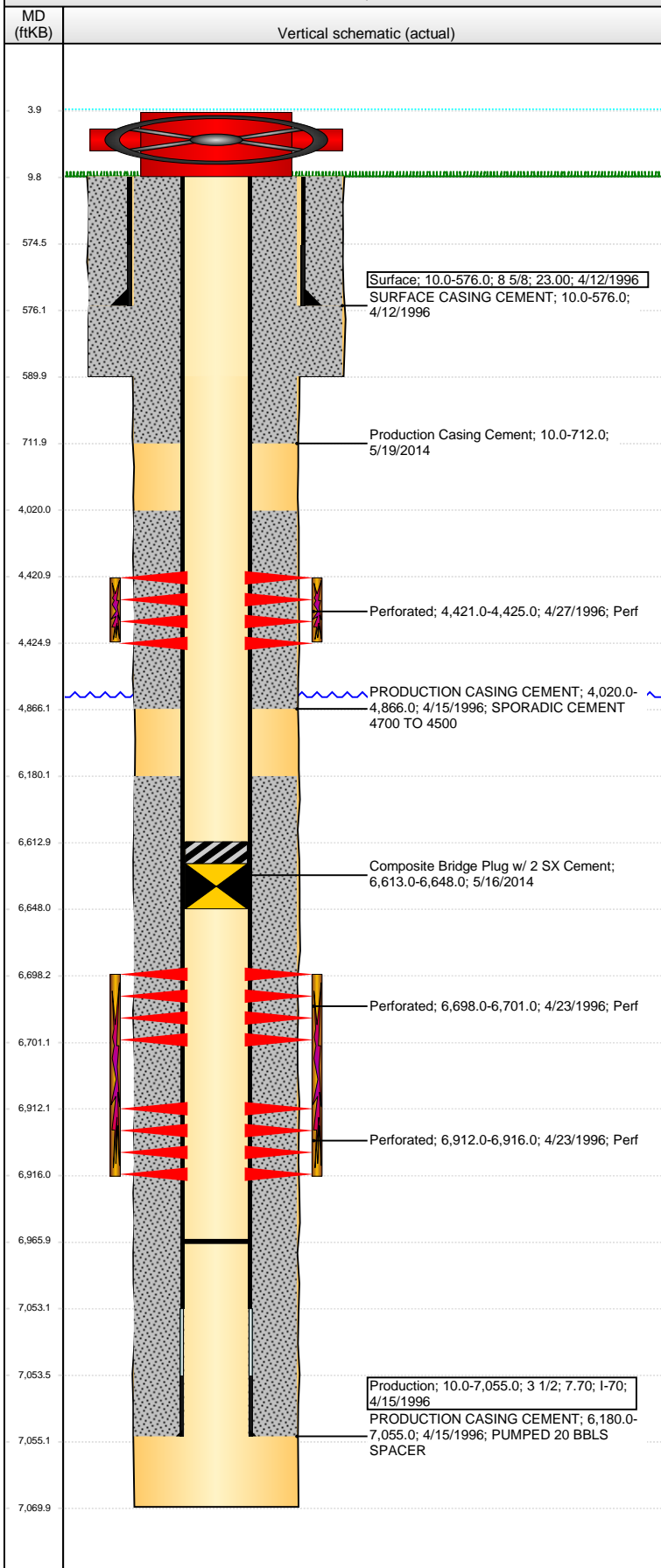


Well Name: HSR-GUTTERSEN-STATE 5-14

VERTICAL - ORIGINAL HOLE, 7/2/2015 2:02:06 PM



Well Header

API 05-123-19143	Business Unit DJ BASIN	District 15	Well Config VERTICAL
Original KB Elevation (ft) 4,798.00	KB - GL / MSL (ftKB) 10.00	Spud Date 4/12/1996	P & A Date

Comment
DISCREPANCY: DR RPT/ST RPT TD 7062'; LOG TD 7070'. ST RPT/DRL RPT PROD CSG @ 7055'; SCHEMATIC PROD CSG @ 7056'

SKETCHY DATA AFTER 2006

FISH PLUNGER @ 4712'; FISH SPRING @ 4713'

Directions To Well

C RDS 34 AND 53 E AND S 2.6 MI +- SE INTO

Congressional Location

Quarter 1	Quarter 2	Quarter 3 SW	Quarter 4 NW	Section 14	Township 3 N	Twnshp N...	Range 64	Rng E/W Dir W
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Bottom Hole Location

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

Date	Depth (ftKB)	Method	Com
4/19/1996	6,999.0	CASED HOLE LOG	DEPTH LOGGER ON CBL
5/2/1996	7,020.0	TAG	CLEAN OUT TO LAND TUBING
5/15/2014	6,966.0		

Wellbore Sections

Section Des	Size (in)	Act Top, MD (ftKB)	Act Btm, MD (ftKB)
SURFACE	12 1/4	10.0	590.0
PRODUCTION	7 7/8	590.0	7,070.0

Zone Statuses

Zone Name	Status Date	Status	Fluid Type	Job	Prod Method
SUSSEX	5/7/1996	PR		DRILLING/CO...	
NIOBRARA	5/7/1996	PR		DRILLING/CO...	
CODELL	5/7/1996	PR		DRILLING/CO...	

Casing Strings

Surface, 576.0ftKB

Casing Description	Run Date	OD (in)	Wt/Len (l...)	Grade	Top, MD (ft...)	MD (ftKB)
Surface	4/12/1996	8 5/8	23.00		10.0	576.0

Production, 7,055.0ftKB

Casing Description	Run Date	OD (in)	Wt/Len (l...)	Grade	Top, MD (ft...)	MD (ftKB)
Production	4/15/1996	3 1/2	7.70	I-70	10.0	7,055.0

Cement

Description	Top Depth (ftKB)	Bottom Depth (ftKB)
SURFACE CASING CEMENT	10.0	576.0
PRODUCTION CASING CEMENT	4,020.0	4,866.0
PRODUCTION CASING CEMENT	6,180.0	7,055.0
Production Casing Cement	10.0	712.0

Tubing Strings

Tubing Description	Run Date	String...	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Set De...
Tubing	6/2/2006	2 1/16	1.751	3.25	J-55	6,852.00	

Perforation Data

Zone	Bnch/St g	Entered Shot Total	Top (ftKB)	Btm (ftKB)	Date
SUSSEX, ORIGINAL HOLE		16	4,421.00	4,425.00	4/27/1996
NIOBRARA, ORIGINAL HOLE		7	6,698.00	6,701.00	4/23/1996
CODELL, ORIGINAL HOLE		8	6,912.00	6,916.00	4/23/1996

Stimulations & Treatments

Date	Zone	Primary Job Type
4/24/1996	NIOBRARA-CODELL, ORIGINAL HOLE	DRILLING/COMPLETION - ORIGINAL
Technical Result	Tech Result Details	Tech Result Note

Comment
LIMITED ENTRY

Well Name: HSR-GUTTERSEN-STATE 5-14

VERTICAL - ORIGINAL HOLE, 7/2/2015 2:02:09 PM

Stimulations & Treatments

Date 4/29/1996	Zone SUSSEX, ORIGINAL HOLE	Primary Job Type DRILLING/COMPLETION - ORIGINAL
Technical Result	Tech Result Details	Tech Result Note
Comment		

Other In Hole

Run Date	Des	OD (in)	Top (ftKB)	Btm (ftKB)
5/16/2014	Composite Bridge Plug w/ 2 SX Cement	2.99	6,613.0	6,648.0

Logs

Date	Type	Top, MD (ftKB)	Btm, MD (ftKB)
4/15/1996	COMPENSATED DENSITY	576.0	7,062.0
4/15/1996	INDUCTION	576.0	7,062.0
4/19/1996	CEMENT BOND	3,930.0	6,992.0

