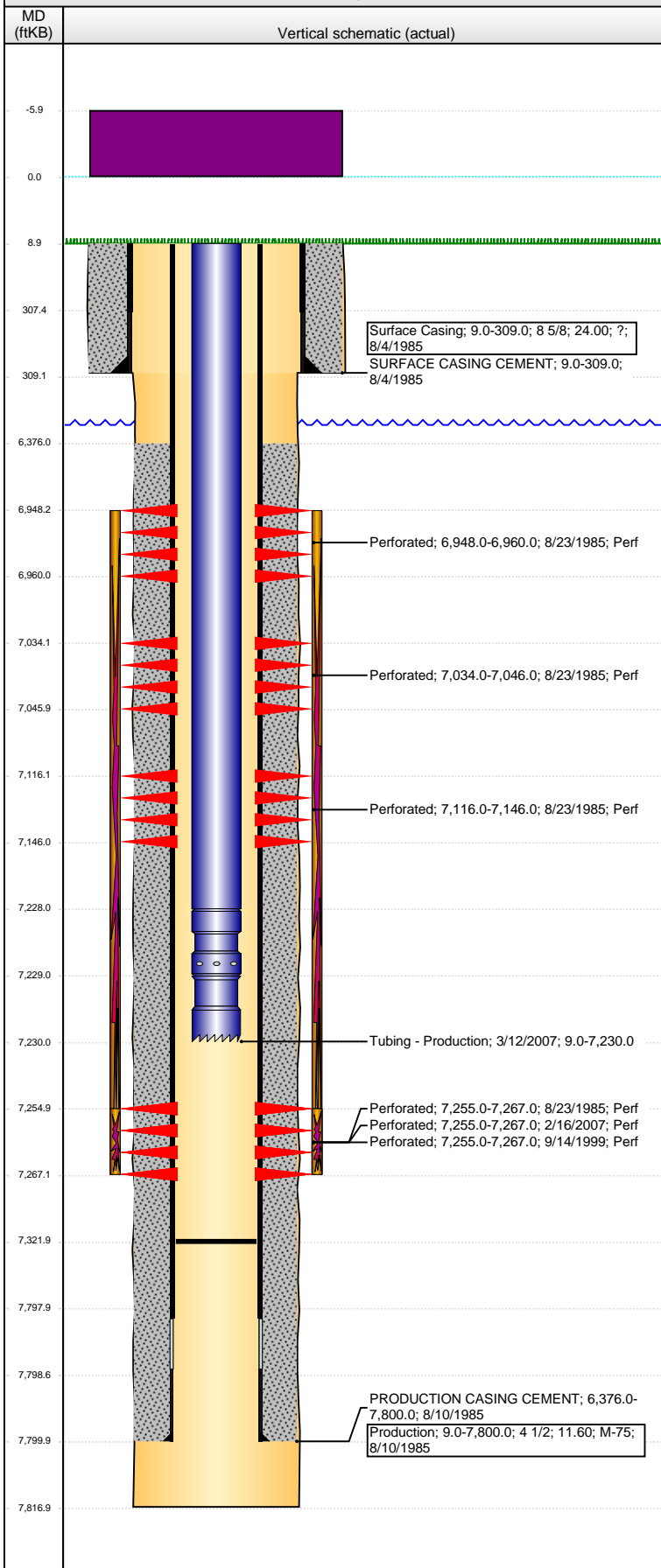


Well Name: BIRD RK20-01

VERTICAL - ORIGINAL HOLE, 1/28/2016 11:50:27 AM



Well Header

API 05-123-12552	Business Unit DJ BASIN	District 15	Well Config VERTICAL
Original KB Elevation (ft) 4,751.00	KB - GL / MSL (ftKB) 9.00	Spud Date 8/4/1985	P & A Date
Comment NO DRILL REPORTS FROM SPUD TO END OF 1ST FRAC. SOME DATES ARE EST. SURF CSG DISCREPANCY = DRL RPT=309', ST CMP=310'. TD DISCREPANCY = DRL RPT=7817', ST CMP=7802' ONLY HAVE HARD COPY OF GAMMA RAY LOG			
Directions To Well			

Congressional Location

Quarter 1	Quarter 2	Quarter 3	Quarter 4	Section	Township	Twship N...	Range	Rng E/W Dir
		NE	NE	20	4	N	66	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
8/22/1985	7,722.0	CASED HOLE LOG	DEPTH LOGGER
9/13/1999	7,257.0	TAG	
3/12/2007	7,322.0	TAG	C/O TO RUN TBG

Wellbore Sections

Section Des	Size (in)	Act Top, MD (ftKB)	Act Btm, MD (ftKB)
SURFACE	12 1/4	9.0	309.0
PRODUCTION	7 7/8	309.0	7,817.0

Zone Statuses

Zone Name	Status Date	Status	Fluid Type	Job	Prod Method
NIOBRARA	9/3/1985	PR		DRILLING/CO...	
CODELL	9/3/1985	PR		DRILLING/CO...	
CODELL	9/21/1999	PR		RE-FRAC, 9/10...	
CODELL	4/12/2007	PR		TRI-FRAC, 2/1...	

Casing Strings

Surface Casing, 309.0ftKB

Casing Description	Run Date	OD (in)	Wt/Len (l...)	Grade	Top, MD (ft...)	MD (ftKB)
Surface Casing	8/4/1985	8 5/8	24.00	?	9.0	309.0

Production, 7,800.0ftKB

Casing Description	Run Date	OD (in)	Wt/Len (l...)	Grade	Top, MD (ft...)	MD (ftKB)
Production	8/10/1985	4 1/2	11.60	M-75	9.0	7,800.0

Cement

Description	Top Depth (ftKB)	Bottom Depth (ftKB)
SURFACE CASING CEMENT	9.0	309.0
PRODUCTION CASING CEMENT	6,376.0	7,800.0

Tubing Strings

Tubing Description	Run Date	String...	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Set De...
Tubing - Production	3/12/2007	2 3/8	1.995	4.70	J-55	7,221.00	

Tubing Components

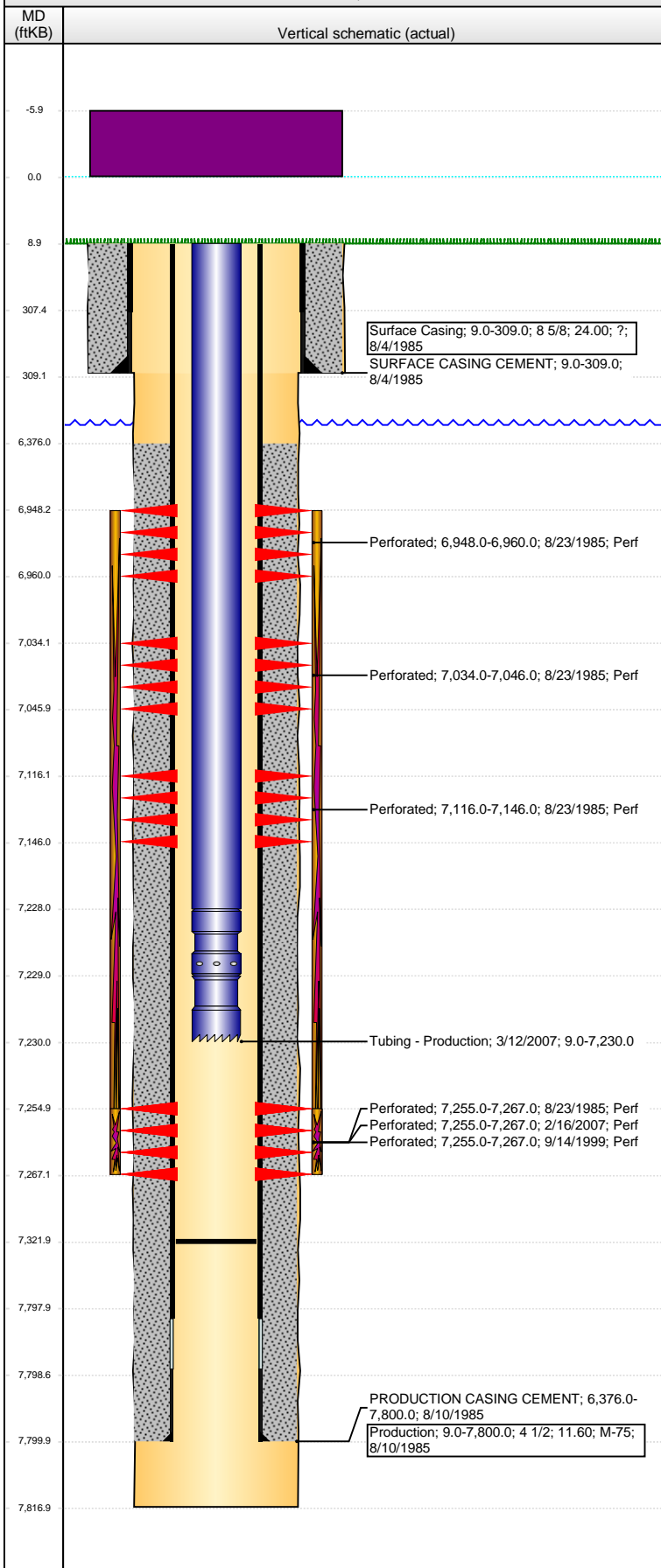
Item Des	OD (in)	Wt (lb/ft)	Grade	Jts	Len (ft)	Btm (ftKB)	Btm (TVD) (ftKB)
Tubing	2 3/8	4.70	J-55	222	7,219.00	7,228.0	
Seating Nipple	2 3/8			1	1.00	7,229.0	
Notched collar	2 3/8			1	1.00	7,230.0	

Perforation Data

Zone	Bnch/St g	Entered Shot Total	Top (ftKB)	Btm (ftKB)	Date
NIOBRARA, ORIGINAL HOLE	A		6,948.00	6,960.00	8/23/1985
NIOBRARA, ORIGINAL HOLE	B		7,034.00	7,046.00	8/23/1985
NIOBRARA, ORIGINAL HOLE	C		7,116.00	7,146.00	8/23/1985
CODELL, ORIGINAL HOLE			7,255.00	7,267.00	8/23/1985
CODELL, ORIGINAL HOLE			7,255.00	7,267.00	9/14/1999
CODELL, ORIGINAL HOLE			7,255.00	7,267.00	2/16/2007

Well Name: BIRD RK20-01

VERTICAL - ORIGINAL HOLE, 1/28/2016 11:50:30 AM



Stimulations & Treatments

Date	Zone	Primary Job Type
8/25/1985	NIORARA-CODELL, ORIGINAL HOLE	DRILLING/COMPLETION - ORIGINAL
Technical Result	Tech Result Details	Tech Result Note

Comment
LIMITED ENTRY FRAC

Date	Zone	Primary Job Type
9/16/1999	CODELL, ORIGINAL HOLE	RE-FRAC
Technical Result	Tech Result Details	Tech Result Note

Comment

Date	Zone	Primary Job Type
3/8/2007	CODELL, ORIGINAL HOLE	TRI-FRAC
Technical Result	Tech Result Details	Tech Result Note

Comment

Other In Hole

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

Logs

Date	Type	Top, MD (ftKB)	Btm, MD (ftKB)
8/22/1985	CEMENT BOND	6,200.0	7,716.0