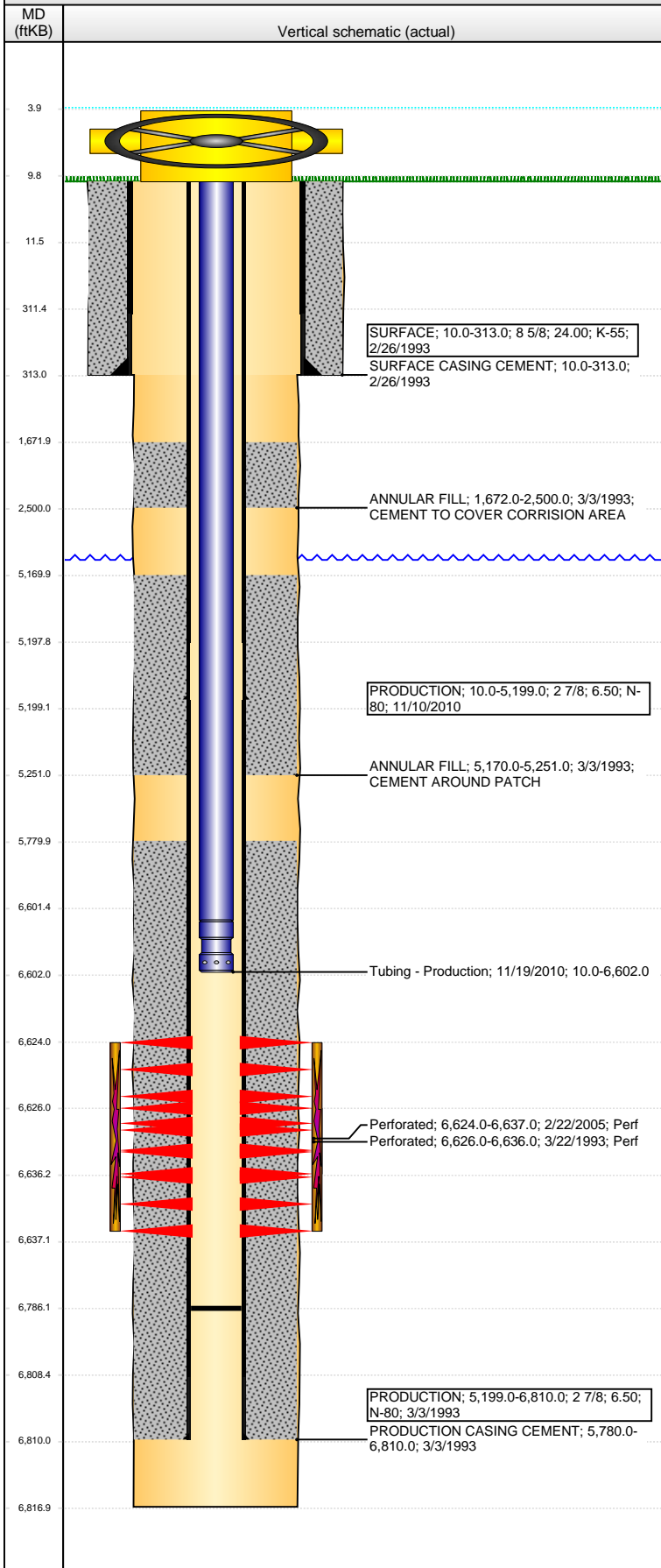


Well Name: ROTHE STATE B36-08

VERTICAL - ORIGINAL HOLE, 3/4/2016 9:59:12 AM



Well Header

API	Business Unit	District	Well Config
05-123-16705	DJ BASIN	15	VERTICAL
Original KB Elevation (ft)	KB - GL / MSL (ftKB)	Spud Date	P & A Date
4,597.00	10.00	2/25/1993	

Comment
st lse 80-5555, tag fill @ 6630 3/15/05, Discrepancy in reports on # of joints and weight.
CSG CUT @5224' 11/8/2010

Directions To Well

WCR 61 AND HWY 34 SOUTH 2/10 TO TB THEN W 2/10 SOUTH INTO

Congressional Location

Quarter 1	Quarter 2	Quarter 3	Quarter 4	Section	Township	Twnshp N...	Range	Rng E/W Dir
		SE	NE	36	5	N	64	W

Bottom Hole Location

North-South Distance (ft)	From N or S Line	East-West Distance (ft)	From E or W Line
1,976.0	FNL	609.0	FEL

Plug Back Total Depths

Date	Depth (ftKB)	Method	Com
3/3/1993	6,755.0	TAG	
3/22/1993	6,755.0	CASED HOLE LOG	CBL DEPTH LOGGER
11/5/2010	6,702.0	TAG	
11/18/2010	6,786.0	TAG	CLEAN OT TO AFTER CSG PATCH

Wellbore Sections

Section Des	Size (in)	Act Top, MD (ftKB)	Act Btm, MD (ftKB)
SURFACE	12 1/4	10.0	313.0
PRODUCTION	7 7/8	313.0	6,817.0

Zone Statuses

Zone Name	Status Date	Status	Fluid Type	Job	Prod Method
CODELL	5/4/1993	PR	Gas	DRILLING/CO...	
CODELL	3/9/2005	PR	Gas	RE-FRAC, 2/18...	

Casing Strings

SURFACE, 313.0ftKB

Casing Description	Run Date	OD (in)	Wt/Len (l...	Grade	Top, MD (ft...	MD (ftKB)
SURFACE	2/26/1993	8 5/8	24.00	K-55	10.0	313.0

PRODUCTION, 5,199.0ftKB

Casing Description	Run Date	OD (in)	Wt/Len (l...	Grade	Top, MD (ft...	MD (ftKB)
PRODUCTION	11/10/2010	2 7/8	6.50	N-80	10.0	5,199.0

PRODUCTION, 6,810.0ftKB

Casing Description	Run Date	OD (in)	Wt/Len (l...	Grade	Top, MD (ft...	MD (ftKB)
PRODUCTION	3/3/1993	2 7/8	6.50	N-80	10.0	6,810.0

Cement

Description	Top Depth (ftKB)	Bottom Depth (ftKB)
SURFACE CASING CEMENT	10.0	313.0
Description	Top Depth (ftKB)	Bottom Depth (ftKB)
ANNULAR FILL	1,672.0	2,500.0
Description	Top Depth (ftKB)	Bottom Depth (ftKB)
ANNULAR FILL	5,170.0	5,251.0
Description	Top Depth (ftKB)	Bottom Depth (ftKB)
PRODUCTION CASING CEMENT	5,780.0	6,810.0

Tubing Strings

Tubing Description	Run Date	String...	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Set De...
Tubing - Production	3/15/2005	1.66	1.380	2.30	J-55	6,599.00	
Tubing Description	Run Date	String...	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Set De...
Tubing - Production	11/19/2010	1.66	1.380	2.30	J-55	6,592.00	

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	200	6,591.50	6,601.5	
Notched Pump Seating Nipple	1.66			1	0.50	6,602.0	

Perforation Data

Zone	Bnch/St g	Entered Shot Total	Top (ftKB)	Btm (ftKB)	Date
CODELL, ORIGINAL HOLE		52	6,624.00	6,637.00	2/22/2005
CODELL, ORIGINAL HOLE		40	6,626.00	6,636.00	3/22/1993

Well Name: ROTHE STATE B36-08

VERTICAL - ORIGINAL HOLE, 3/4/2016 9:59:15 AM

Stimulations & Treatments

Date	Zone	Primary Job Type
3/24/1993	CODELL, ORIGINAL HOLE	DRILLING/COMPLETION - ORIGINAL
Technical Result	Tech Result Details	Tech Result Note

Comment

Date	Zone	Primary Job Type
3/8/2005	CODELL, ORIGINAL HOLE	RE-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)
3/3/1993	Compensated Density	5,900.0	6,820.0
3/22/1993	CBL/CCL/GR	5,680.0	6,748.0
11/17/2010	CBL/CCL/GR	1,672.0	5,250.0

