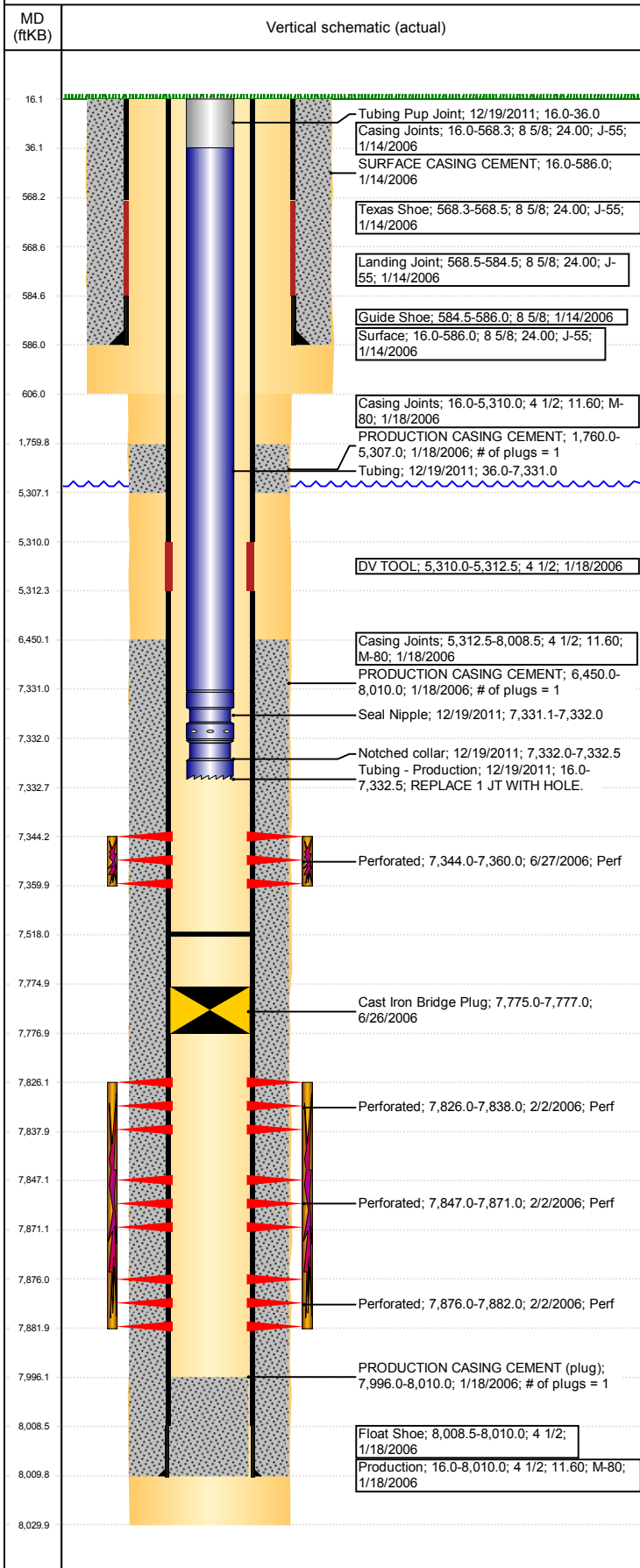


# Operations Wellbore Schematic Report

**Well Name: AUSTYN J09-05**

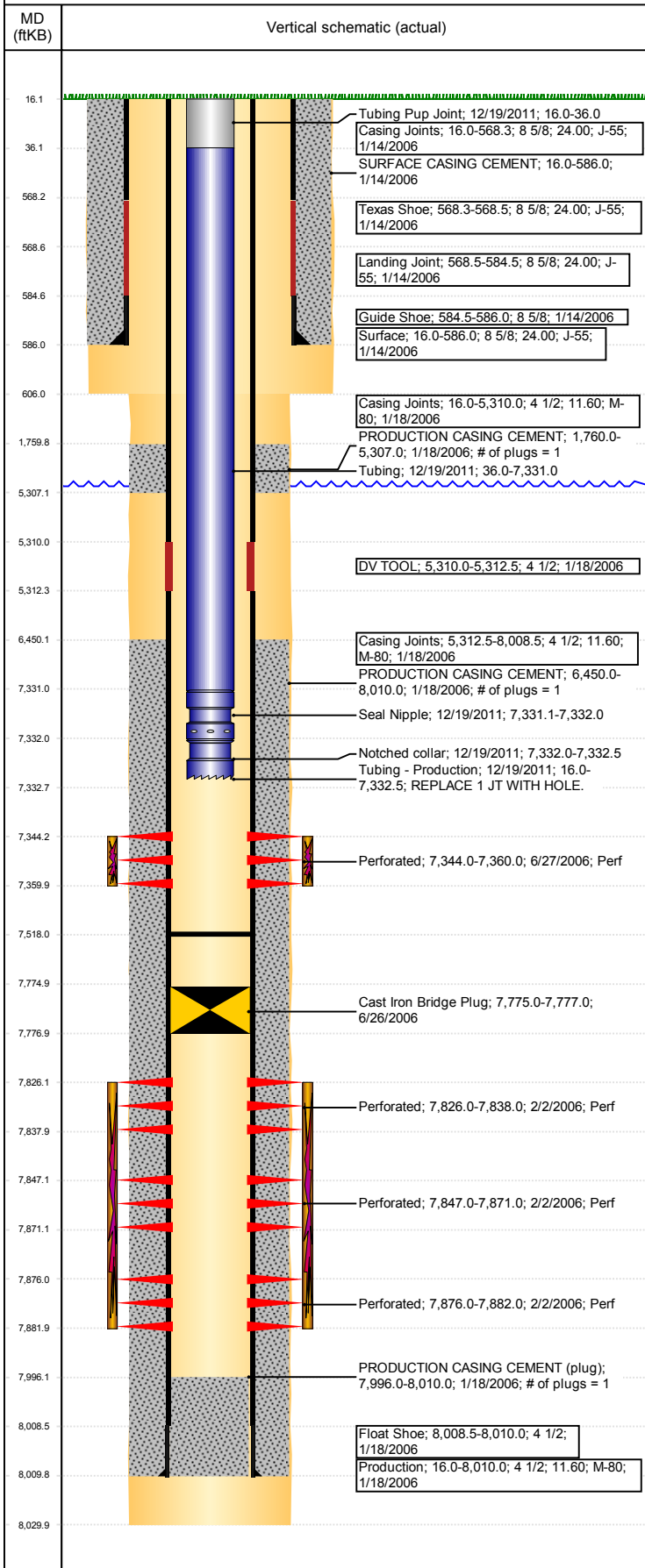
DEVIATED - ORIGINAL HOLE, 4/28/2017 9:29:36 AM



Well Header			
API 05-123-23260	Business Unit DJ BASIN	District 15	Well Config DEVIATED
Original KB Elevation (ft) 4,775	KB - GL / MSL (ftKB) 16.00	Spud Date 1/13/2006	P & A Date
Comment DIRECTIONAL DV TOOL @ +/- 5310, DRILLED OUT 2/1/2006 Directions To Well W. 10TH ST. & 71ST AVE. SOUTH 0.2, E. INTO Current PBTD (mKB) ORIGINAL HOLE - 7,518.0			
Surface Location (Congressional)			
Quarter 3 NW	Quarter 4 NW	Section 9	Township 5 N
Township N/S Dir N	Range 66	Range E/W Dir W	
Bottom Hole Location			
North-South Distance (ft) 2,028.0	From N or S Line FNL	East-West Distance (ft) 781.0	From E or W Line FWL
Plug Back Total Depths			
Date	Depth (ftKB)	Method	Com
1/17/2006	7,996.0	CASING TALLY	
2/2/2006	7,982.0	CASED HOLE LOG	CBL DEPTH LOGGER
12/20/2011	7,518.0	TAG	MOST RECENT C/O 158 FT OF RAT HOLE
Wellbore Sections			
Section Des	Size (in)	Act Top, MD (ftKB)	Act Btm, MD (ftKB)
SURFACE	12 1/4	16	606
PRODUCTION	7 7/8	606	8,030
Zone Statuses			
Zone Name	Status Date	Status	Fluid Type
J SAND	2/23/2006	PR	Gas
J SAND	6/26/2006	SI	
CODELL	7/16/2006	PR	
Casing Strings			
Csg Des	Run Date	OD (in)	Wt/Len (lb/ft)
Surface	1/14/2006	8 5/8	24.00
Production	1/18/2006	4 1/2	11.60
Cement			
Des	Top (ftKB)	Btm (ftKB)	
SURFACE CASING CEMENT	16.0	586.0	
PRODUCTION CASING CEMENT	1,760.0	5,307.0	
PRODUCTION CASING CEMENT	6,450.0	8,010.0	
Tubing Components			
Item Des	OD (in)	Wt (lb/ft)	Grade
Tubing Pup Joint	2 3/8	4.70	J-55
Tubing	2 3/8	4.70	J-55
Seal Nipple	2 3/8		
Notched collar	2 3/8		
Perforation Data			
Linked Zone	Bnch/Stg	Sum of Entered Shot Total	Date
CODELL, ORIGINAL HOLE		64	6/27/2006
J SAND, ORIGINAL HOLE		48	2/2/2006
J SAND, ORIGINAL HOLE		96	2/2/2006
J SAND, ORIGINAL HOLE		24	2/2/2006
<b>Total (Sum)</b>		<b>232</b>	
Other In Hole			
Run Date	Des	OD (in)	Top (ftKB)
6/26/2006	Cast Iron Bridge Plug	3.99	7,775.0
Logs			
Date	Type	Top, MD (ftKB)	Btm, MD (ftKB)
1/18/2006	COMPENSATED DENSITY	3,650.0	8,010.0
1/18/2006	INDUCTION	586.0	8,030.0
2/2/2006	CBL/CCL/GR	1,550.0	7,981.0

**Well Name: AUSTYN J09-05**

DEVIATED - ORIGINAL HOLE, 4/28/2017 9:29:37 AM



Stimulation Intervals				
Bnch/Stg	Start Date	Primary Job Type		
	2/15/2006	DRILLING/COMPLETION - ORIGINAL		
Comment				
Volume Slurry Total (gal)				
138,096.00				
Treat Pressure Avg (psi)	Treat Pressure Max (psi)		Slurry Rate Avg (bbl/min)	Slurry Rate Max (bbl/min)
4,917.0	5,020.0		20.6	21.6
Bnch/Stg	Start Date	Primary Job Type		
	7/14/2006	RECOMPLETION		
Comment				
Volume Slurry Total (gal)				
124,404.00				
Treat Pressure Avg (psi)	Treat Pressure Max (psi)		Slurry Rate Avg (bbl/min)	Slurry Rate Max (bbl/min)
7,262.0	7,575.0		16.6	17.1