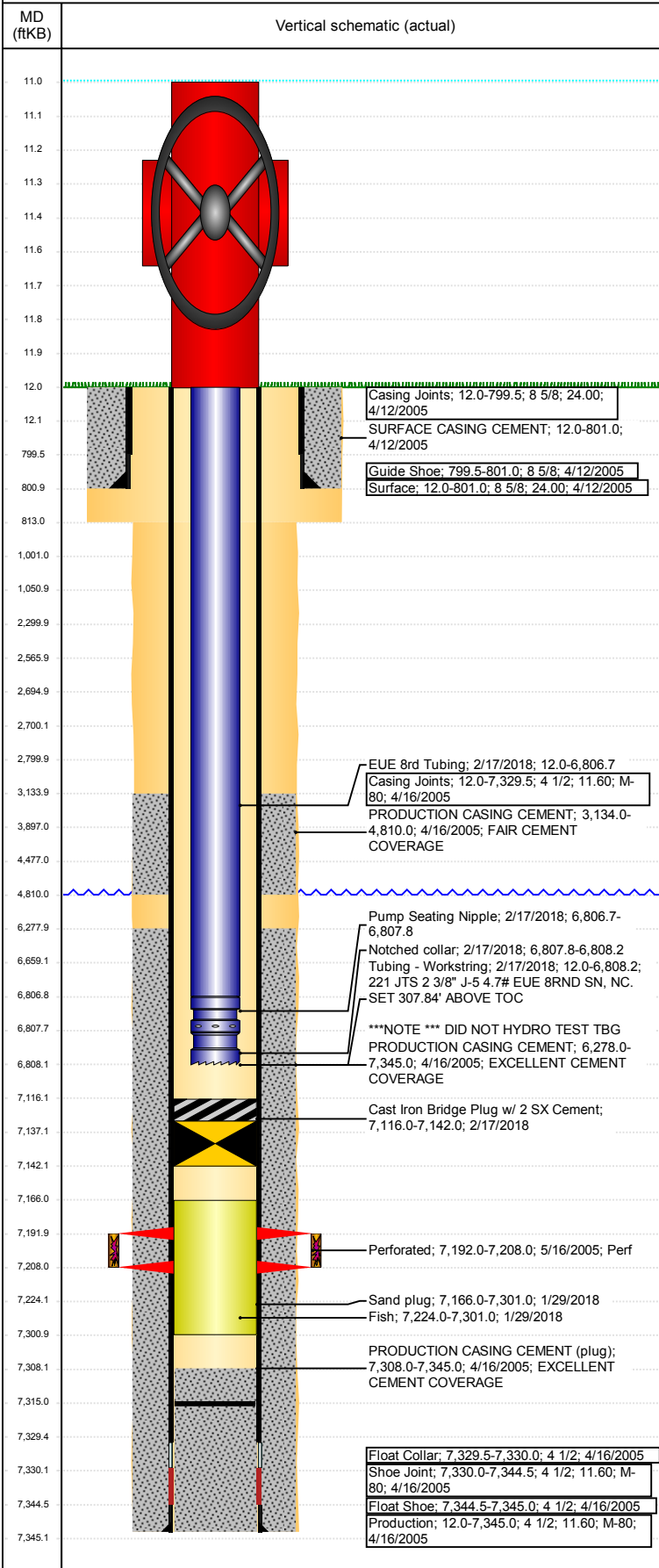


Well Name: DUNBAR 18-33

VERTICAL - ORIGINAL HOLE, 6/12/2018 12:51:15 PM



Well Header			
API 05-123-22743	Business Unit DJ BASIN	District 15	Well Config VERTICAL
Original KB Elevation (ft) 4,846	KB - GL / MSL (ftKB) 12.00	Spud Date 4/11/2005	P & A Date
Comment			

Directions To Well
HWY 392 & RD 25, N 2/10, E 1/10, S INTO.

Congressional Location					
Quarter 3 SW	Quarter 4 SW	Section 18	Township 6	Twntshp N/S Dir N	Range 66
Range E/W Dir W					

Bottom Hole Location			
North-South Distance (ft) 848.0	From N or S Line FSL	East-West Distance (ft) 728.0	From E or W Line FWL

Plug Back Total Depths			
Date	Depth (ftKB)	Method	Com
4/16/2005	7,329.0	TAG	TOP OF FLOAT COLLAR
4/20/2005	7,314.0	CASED HOLE LOG	DEPTH LOGGER ON CBL
11/19/2008	7,300.0	TAG	MOST RECENT CLEANOUT
3/28/2014	7,315.0	TAG	C/O TO 7315' KB

Wellbore Sections			
Section Des	Size (in)	Act Top, MD (ftKB)	Act Btm, MD (ftKB)
SURFACE	12 1/4	12	813
PRODUCTION	7 7/8	813	7,345

Zone Statuses					
Zone Name	Status Date	Status	Fluid Type	Job	Prod Method
CODELL	6/6/2005	PR	Water	DRILLING/CO...	Flowing
CODELL	5/7/2010	PR			
CODELL	1/19/2015	PR			
CODELL	1/26/2015	PR			
CODELL	1/30/2018	TA			

Casing Strings						
Surface, 801.0ftKB						
Casing Description	Run Date	OD (in)	Wt/Len (l...)	Grade	Top, MD (ft...)	MD (ftKB)
Surface	4/12/2005	8 5/8	24.00		12.0	801.0

Production, 7,345.0ftKB						
Casing Description	Run Date	OD (in)	Wt/Len (l...)	Grade	Top, MD (ft...)	MD (ftKB)
Production	4/16/2005	4 1/2	11.60	M-80	12.0	7,345.0

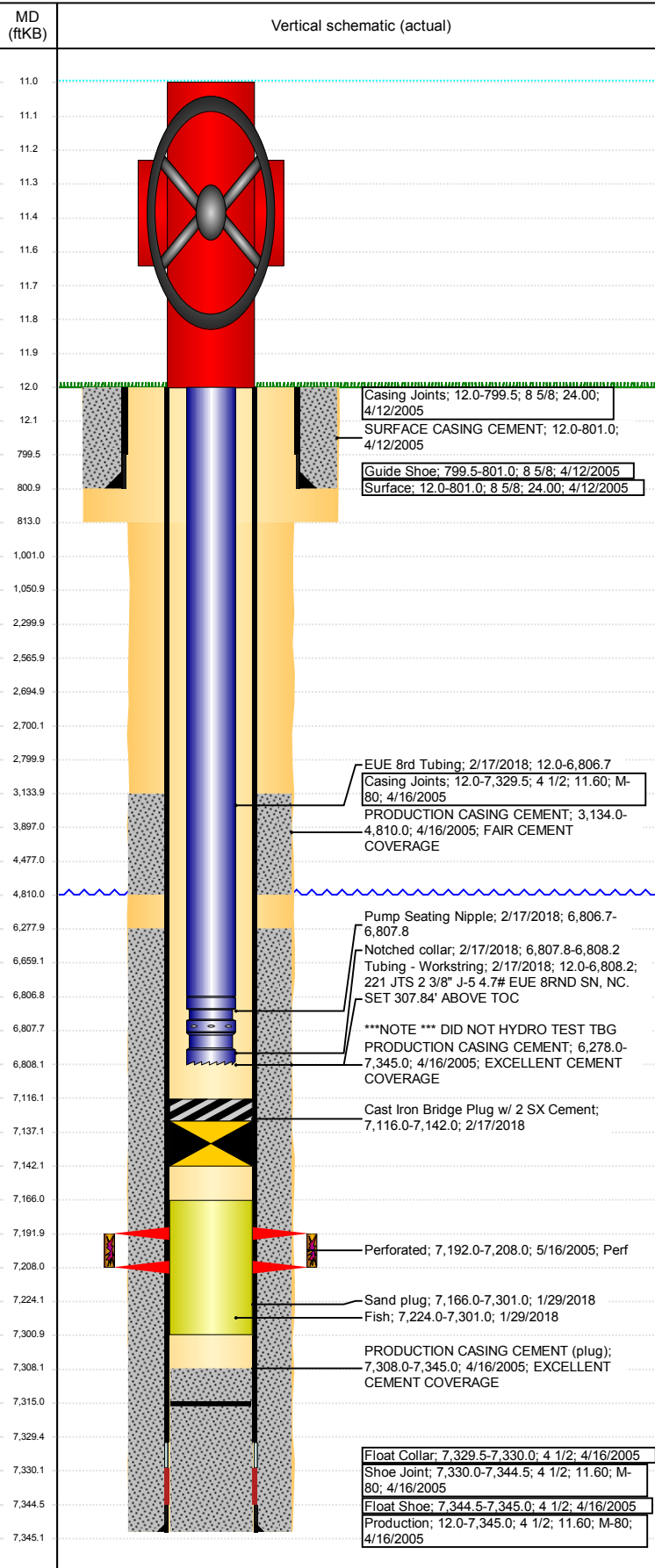
Cement		
Description	Top Depth (ftKB)	Bottom Depth (ftKB)
SURFACE CASING CEMENT	12.0	801.0
PRODUCTION CASING CEMENT	3,134.0	4,810.0
PRODUCTION CASING CEMENT	6,278.0	7,345.0
Cement Plug	6,659.0	7,137.0
Balance Plug	3,897.0	4,477.0
Cement Squeeze	2,300.0	2,800.0
Balance Plug	2,700.0	2,800.0
Cement Plug	2,566.0	2,695.0
Shoe Plug	1,001.0	1,051.0
Shoe Plug	12.0	1,001.0

Tubing Strings							
Tubing Description	Run Date	String...	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Set De...
Tubing - Production	11/19/2008	2 3/8	2.00	4.70	J-55	7,160.00	

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	234	7,158.40	7,170.4	
Seal Nipple	2 3/8			1	1.10	7,171.5	
Notched collar	2 3/8			1	0.50	7,172.0	

Well Name: DUNBAR 18-33

VERTICAL - ORIGINAL HOLE, 6/12/2018 12:51:15 PM



Tubing Strings							
Tubing Description	Run Date	String...	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Set De...
Tubing - Production	3/28/2014	2 3/8	2.00	4.70	J-55	7,156.97	

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	233	7,155.37	7,167.4	
Pump Seating Nipple	2 3/8	1.10	N-80	1	1.20	7,168.6	
Notched collar	2 3/8	4.70	J-55	1	0.40	7,169.0	

Tubing Components							
Item Des	OD (in)	Wt (lb/ft)	Grade	Jts	Len (ft)	Btm (ftKB)	Btm (TVD) (ftKB)
Tubing Description	Run Date	String...	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Set De...
Tubing - Workstring	2/17/2018	2 3/8	2.00	4.70	J-55	6,796.16	
EUE 8rd Tubing	2 3/8	4.70	J-55	221	6,794.66	6,806.7	
Pump Seating Nipple	2 3/8			1	1.10	6,807.8	
Notched collar	2 3/8			1	0.40	6,808.2	

Other In Hole				
Run Date	Des	OD (in)	Top (ftKB)	Btm (ftKB)
1/9/2018	Cast Iron Bridge Plug	3.99	7,137.0	7,142.0
1/10/2018	Cement Retainer	3.99	2,695.0	2,700.0
1/29/2018	Sand plug	4	7,166.0	7,301.0
1/29/2018	Fish	2 3/8	7,224.0	7,301.0
2/17/2018	Cast Iron Bridge Plug w/ 2 SX Cement	4	7,116.0	7,142.0

Logs			
Date	Type	Top, MD (ftKB)	Btm, MD (ftKB)
4/15/2005	COMPENSATED DENSITY	3,000.0	7,325.0
4/15/2005	INDUCTION	813.0	7,345.0
4/20/2005	CBL/CCL/GR	3,000.0	7,312.0
5/22/2018	GYRO	12.0	6,700.0

Perforation Data					
Linked Zone	Bnch/St g	Sum of Entered Shot Total	Top (ftKB)	Btm (ftKB)	Date
CODELL, ORIGINAL HOLE		0	2,800.00	2,800.00	1/9/2018
		0	7,192.00	7,208.00	5/16/2005
Total (Sum)		0			

Stimulation Intervals	
Start Date	Primary Job Type
5/20/2005	DRILLING/COMPLETION - ORIGINAL
Technical Result	Tech Result Details
	Tech Result Note

Comment