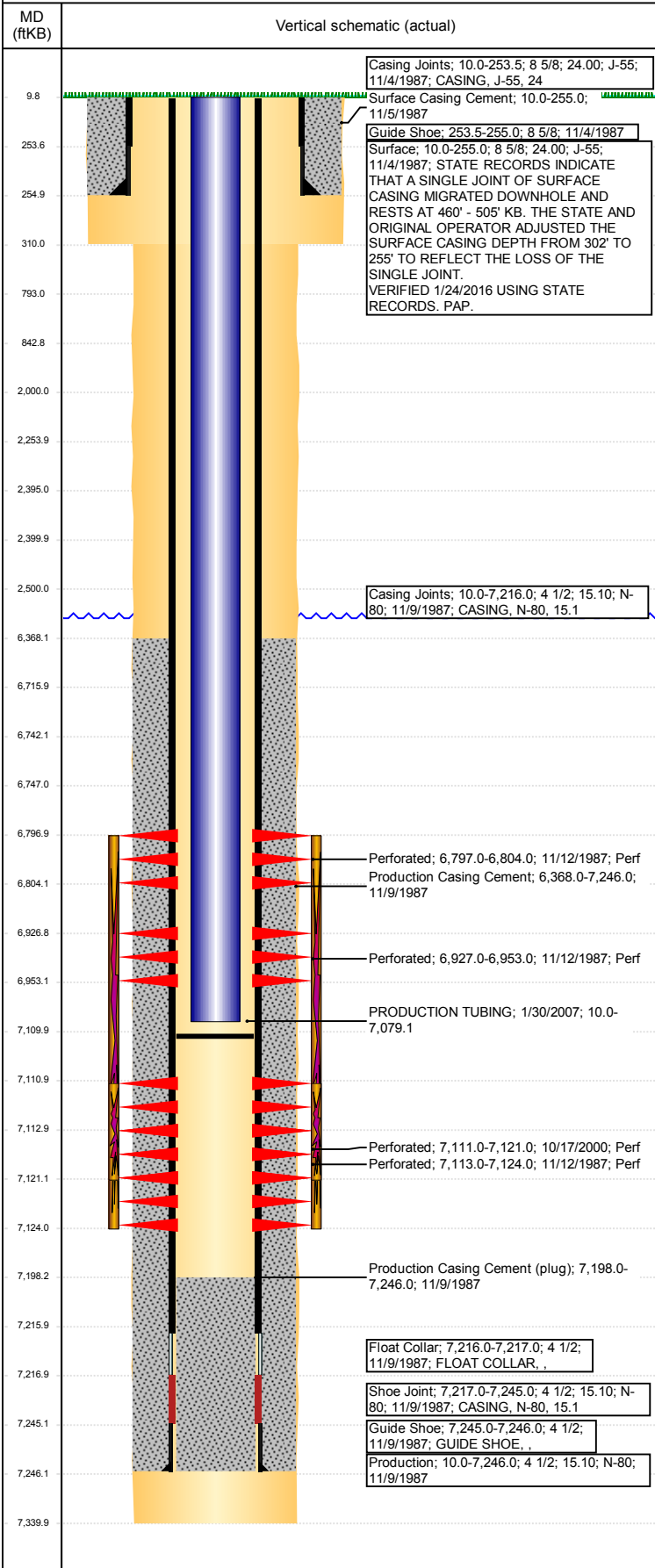


Well Name: **NELSON 13-22**

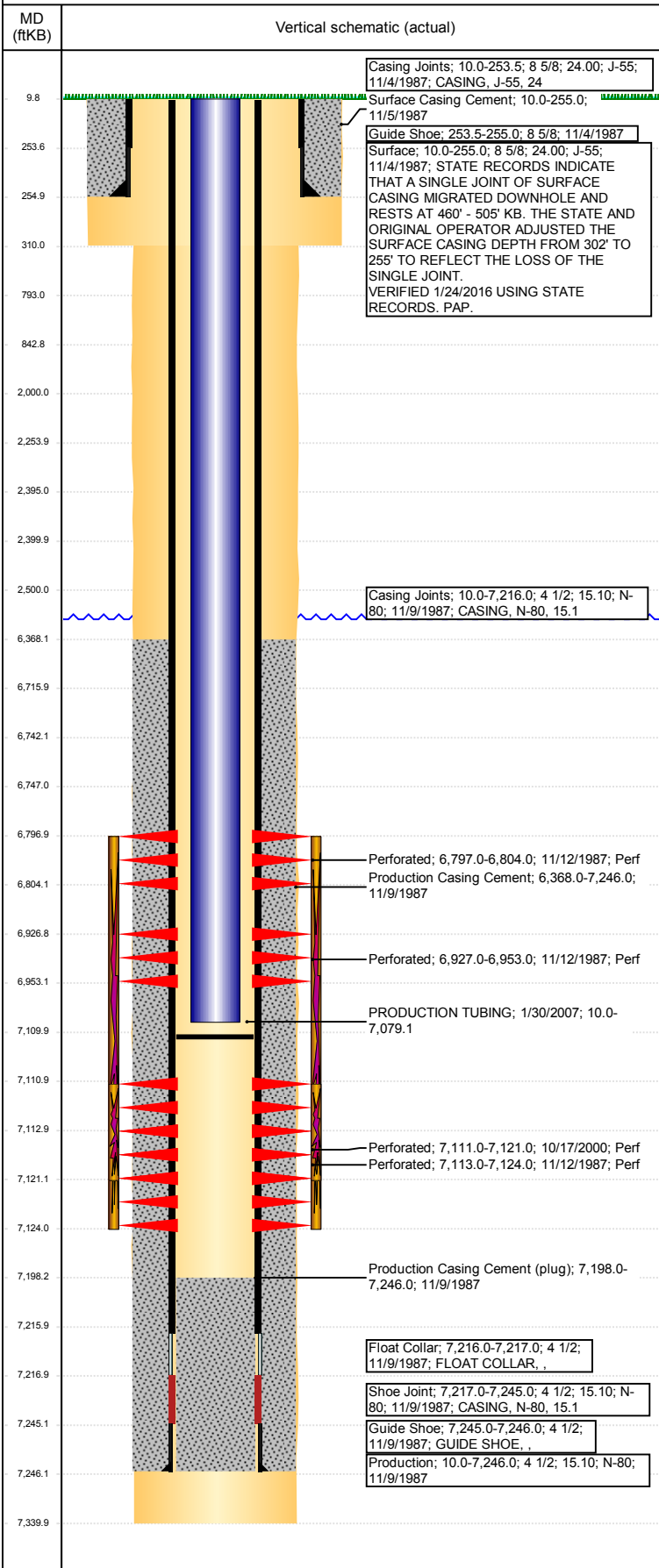
VERTICAL - ORIGINAL HOLE, 10/12/2017 11:37:32 AM



Well Header							
API	05-123-13673	Business Unit	DJ BASIN	District	15	Well Config	VERTICAL
Original KB Elevation (ft)	4,713	KB - GL / MSL (ftKB)	10.00	Spud Date	11/4/1987	P & A Date	
Comment							
TD DISCREPANCY: LOGGER'S TD 7268', DRILLER'S TD 7340'							
Directions To Well							
RD 66 & RD 43, E 1/4, N INTO							
Congressional Location							
Quarter 3	Quarter 4	Section	Township	Twntshp N/S Dir	Range	Range E/W Dir	
SW	SW	22	6	N	65	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				
11/9/1987	7,216.0	CASING TALLY	TOP OF FLOAT COLLAR				
11/12/1987	7,198.0	CASED HOLE LOG	DEPTH LOGGER ON CBL				
2/28/2006	7,110.0	TAG	MOST RECENT REPORTED TAG				
Wellbore Sections							
Section Des		Size (in)	Act Top, MD (ftKB)	Act Btm, MD (ftKB)			
SURFACE		12 1/4	10	310			
PRODUCTION		7 7/8	310	7,340			
Zone Statuses							
Zone Name	Status Date	Status	Fluid Type	Job	Prod Method		
NIOBRARA	1/26/1988	PR	Water	DRILLING/CO...	Flowing		
NIOBRARA	8/22/2014	PR					
CODELL	1/26/1988	PR	Water	DRILLING/CO...	Flowing		
CODELL	10/26/2000	PR		RE-FRAC, 10/1...			
CODELL	8/22/2014	PR					
CODELL	9/19/2015	PR					
Casing Strings							
Surface, 255.0ftKB							
Casing Description	Run Date	OD (in)	Wt/Len (l...)	Grade	Top, MD (ft...)	MD (ftKB)	
Surface	11/4/1987	8 5/8	24.00	J-55	10.0	255.0	
Production, 7,246.0ftKB							
Casing Description	Run Date	OD (in)	Wt/Len (l...)	Grade	Top, MD (ft...)	MD (ftKB)	
Production	11/9/1987	4 1/2	15.10	N-80	10.0	7,246.0	
Cement							
Description	Top Depth (ftKB)	Bottom Depth (ftKB)					
Surface Casing Cement	10.0	255.0					
Production Casing Cement	6,368.0	7,246.0					
Dump Bail	6,716.0	6,742.0					
Cement Squeeze	2,000.0	2,500.0					
Balance Plug	2,400.0	2,500.0					
Cement Plug	2,254.0	2,395.0					
Shoe Plug	793.0	843.0					
Shoe Plug	10.0	793.0					
Tubing Strings							
Tubing Description	Run Date	String...	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Set De...
PRODUCTION TUBING	10/19/2000	2 3/8		J55		7,075.00	
Tubing Components							
Item Des	OD (in)	Wt (lb/ft)	Grade	Jts	Len (ft)	Btm (ftKB)	Btm (TVD) (ftKB)
TUBING, J-55, 4.7	2 3/8		J55	226	7,073.00	7,083.0	
SEATING NIPPLE, ,	2 3/8			1	1.00	7,084.0	
NOTCHED COLLAR, ,	2 3/8			1	1.00	7,085.0	
Tubing Description	Run Date	String...	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Set De...
PRODUCTION TUBING	1/30/2007	2 3/8	2.00	4.70	J-55	7,069.05	

**Well Name: NELSON 13-22**

VERTICAL - ORIGINAL HOLE, 10/12/2017 11:37:33 AM



Tubing Components							
Item Des	OD (in)	Wt (lb/ft)	Grade	Jts	Len (ft)	Btm (ftKB)	Btm (TVD) (ftKB)
EUE 8rd Tubing	2 3/8	4.70	J-55	114	7,067.55	7,077.6	
Seal Nipple	2 3/8		J-55	1	1.00	7,078.6	
Notched collar	3		J-55	1	0.50	7,079.1	
	1/16						

Other In Hole				
Run Date	Des	OD (in)	Top (ftKB)	Btm (ftKB)
10/9/2017	Cement Retainer	3.826	2,395.0	2,400.0
10/9/2017	Cast Iron Bridge Plug	3.826	6,742.0	6,747.0

Logs			
Date	Type	Top, MD (ftKB)	Btm, MD (ftKB)
11/8/1987	COMPENSATED DENSITY	2,590.0	7,247.0
11/8/1987	INDUCTION	255.0	7,267.0
11/12/1987	CEMENT BOND	6,250.0	7,195.0

Perforation Data					
Linked Zone	Bnch/St g	Sum of Entered Shot Total	Top (ftKB)	Btm (ftKB)	Date
CODELL, ORIGINAL HOLE		0	2,500.00	2,500.00	10/9/2017
NIOBRARA, ORIGINAL HOLE	A	4	6,797.00	6,804.00	11/12/1987
NIOBRARA, ORIGINAL HOLE	B	7	6,927.00	6,953.00	11/12/1987
CODELL, ORIGINAL HOLE		40	7,111.00	7,121.00	10/17/2000
CODELL, ORIGINAL HOLE		5	7,113.00	7,124.00	11/12/1987
<b>Total (Sum)</b>		<b>56</b>			

Stimulation Intervals		
Start Date	Primary Job Type	
11/16/1987	DRILLING/COMPLETION - ORIGINAL	
Technical Result	Tech Result Details	Tech Result Note
Comment		
LIMITED ENTRY FRAC		
Start Date	Primary Job Type	
10/18/2000	RE-FRAC	
Technical Result	Tech Result Details	Tech Result Note
Comment		