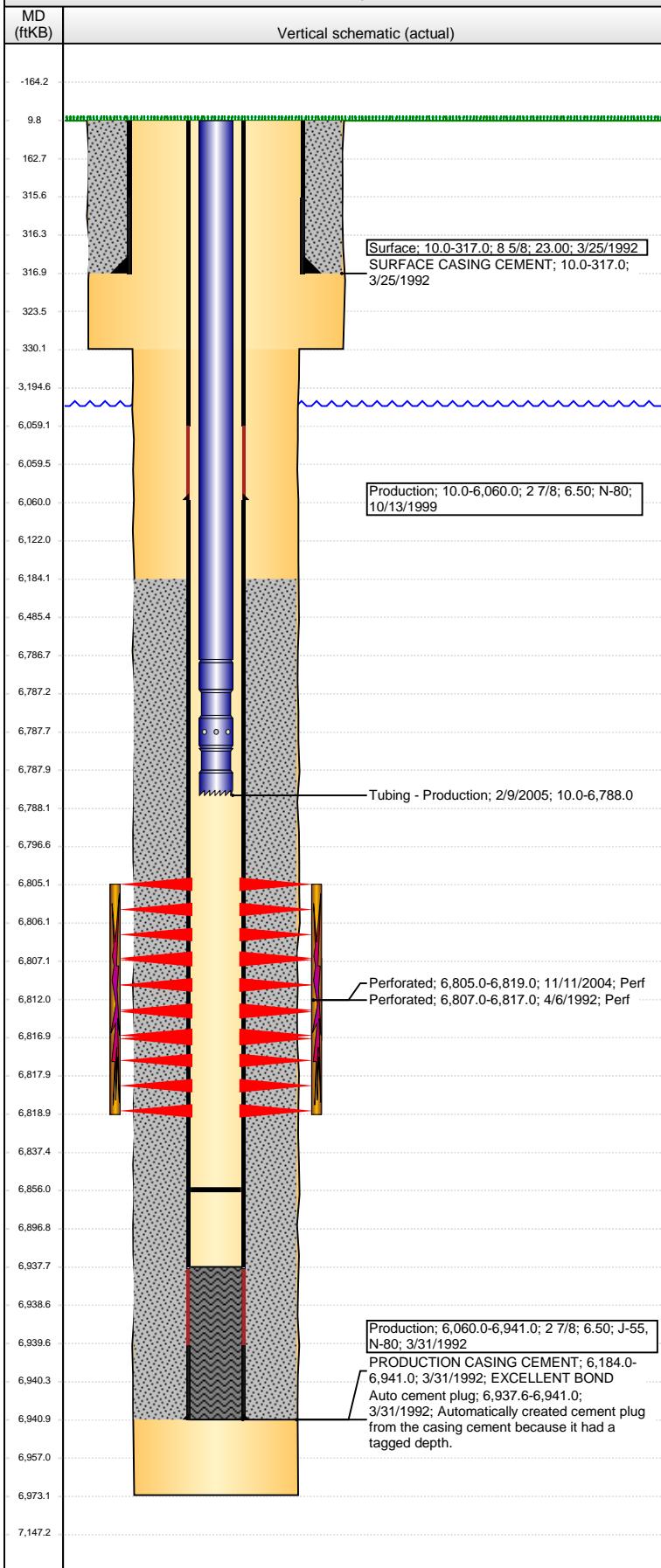


Well Name: PATRIOT B16-13

VERTICAL - ORIGINAL HOLE, 11/6/2013 9:36:36 AM



Well Header			
API	Business Unit	District	Well Config
05-123-15245	WATTENBERG	15	VERTICAL
Original KB Elevation (ft)	KB - GL / MSL (ftKB)	Spud Date	P & A Date
4,623.00	10.00	3/25/1992	
Comment			
CASING REPAIR IN 10/99, JOB INCLUDES 2 ATTEMPTS, FIRST ATTEMPT UNSUCCESSFUL (SWABBED MUD, CASING PATCH DID NOT GRAB CSG STUB).			
CSG STRING SHOWN IS FROM ORIGINAL DRILL/COMPLETE AND FROM 2ND ATTEMPT. CASING PATCH BETWEEN 6045 TO 6065'			
SEVERAL CASING REPAIRS HAVE BEEN DONE IN THE AREA			
Directions To Well			
Congressional Location			
Quarter 1	Quarter 2	Quarter 3	Quarter 4
		SW	SW
Section		Township	Twnshp N...
16		5 N	
Range		Rng E/W Dir	
64		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
3/31/1992	6,937.6	CASING TALLY	TOP OF LATCH DOWN BAFFLE
4/6/1992	6,897.0	CASED HOLE LOG	DEPTH LOGGER ON CBL
2/9/2005	6,856.0	TAG	MOST RECENT TAG
Wellbore Sections			
Section Des		Size (in)	Act Top (ftKB)
SURFACE		12 1/4	10.0
PRODUCTION		7 7/8	330.0
			6,973.0
Act Btm (ftKB)			
Zone Statuses			
Zone Name	Status Date	Status	Job
CODELL	11/16/2004	PR	RE-FRAC, 11/8/2004 00:00
Casing Strings			
Surface, 317.0ftKB			
Casing Description	Run Date	OD (in)	Wt/Len (L...)
Surface	3/25/1992	8 5/8	23.00
Grade	Top (ftKB)	MD (ftKB)	
	10.0	317.0	
Production, 6,060.0ftKB			
Casing Description	Run Date	OD (in)	Wt/Len (L...)
Production	10/13/1999	2 7/8	6.50
Grade	Top (ftKB)	MD (ftKB)	
N-80	10.0	6,060.0	
Production, 6,941.0ftKB			
Casing Description	Run Date	OD (in)	Wt/Len (L...)
Production	3/31/1992	2 7/8	6.50
Grade	Top (ftKB)	MD (ftKB)	
N-80	10.0	6,941.0	
Cement			
Description	Top Depth (ftKB)	Bottom Depth (ftKB)	
SURFACE CASING CEMENT	10.0	317.0	
Description	Top Depth (ftKB)	Bottom Depth (ftKB)	
PRODUCTION CASING CEMENT	6,184.0	6,941.0	
Tubing Components			
Item Des	OD (in)	Wt (lb/ft)	Grade
Tubing	1.66	2.30	J-55
Seal Nipple	1.66		
Notched collar	1.66		
Jts	Len (ft)	Btm (ftKB)	Btm (TVD) (ftKB)
213	6,776.80	6,786.8	
1	1.00	6,787.8	
1	0.20	6,788.0	
Perforation Data			
Zone	Bnch/St g	Entered Shot Total	Date
CODELL, ORIGINAL HOLE		56	11/11/2004
CODELL, ORIGINAL HOLE		40	4/6/1992
Top (ftKB)	Btm (ftKB)		
6,805.00	6,819.00		
6,807.00	6,817.00		
Stimulations & Treatments			
Date	Zone	Primary Job Type	
4/7/1992	CODELL, ORIGINAL HOLE	DRILLING/COMPLETION - ORIGINAL	
Technical Result	Tech Result Details	Tech Result Note	
Success	According to Plan		
Comment			

Well Name: PATRIOT B16-13

VERTICAL - ORIGINAL HOLE, 11/6/2013 9:36:37 AM

Stimulations & Treatments

Date	Zone	Primary Job Type
11/15/2004	CODELL, ORIGINAL HOLE	RE-FRAC
Technical Result	Tech Result Details	Tech Result Note
Success	According to Plan	
Comment		
5 MIN POST FRAC ISIP = 3663 PSI		

Other In Hole

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

Logs

Date	Type	Top (ftKB)	Btm (ftKB)
3/31/1992	COMPENSATED DENSITY	3,900.0	6,950.0
4/6/1992	CBL/CCL/GR	6,000.0	6,888.0

