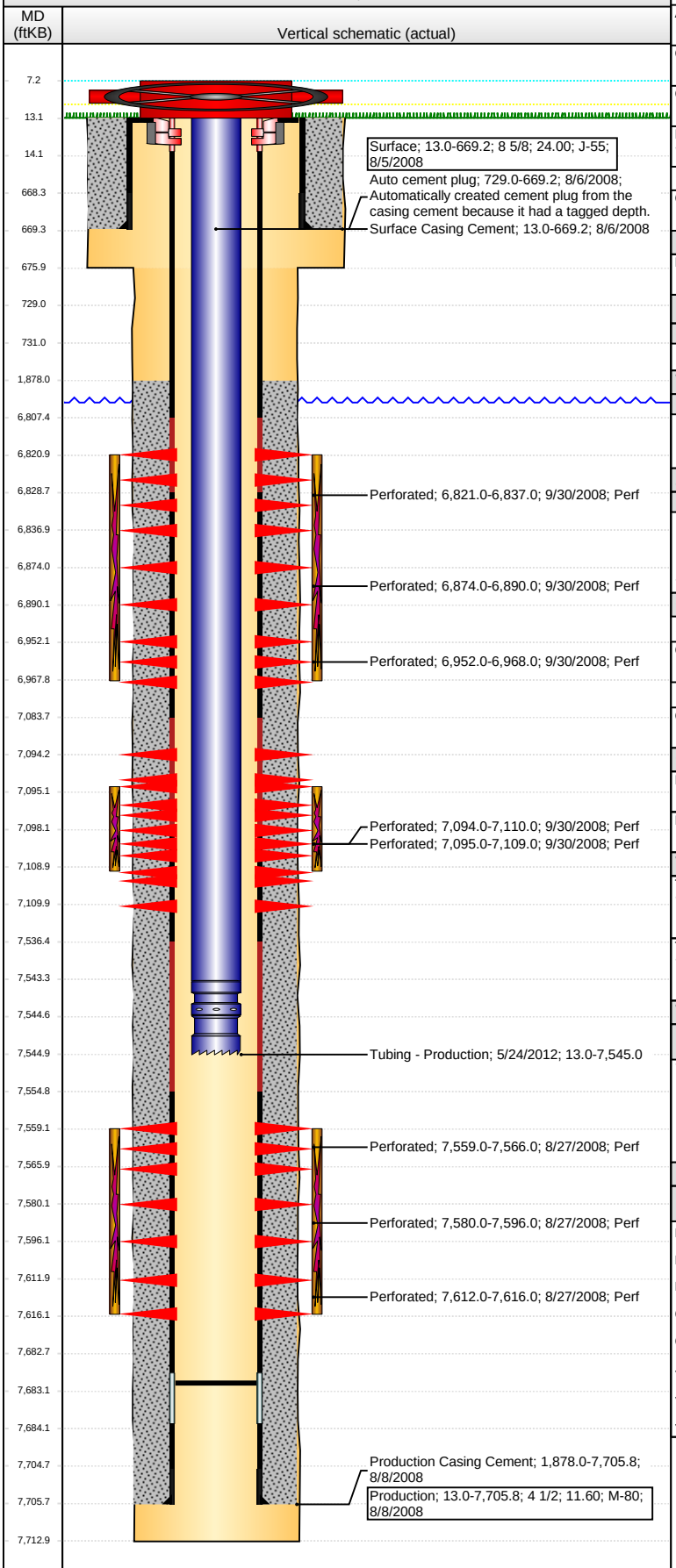
Wellbore Schematic Input Report

Well Name: SHELTON D07-30

VERTICAL - ORIGINAL HOLE, 10/26/2015 3:43:14 PM



Well Header

API	Business Unit	District	Well Config
05-123-27139	DJ BASIN	15	VERTICAL

Original KB Elevation (ft)	KB - GL / MSL (ftKB)	Spud Date	P & A Date
4,866.00	13.00	8/5/2008	

Comment

Directions To Well
WCR 49 & 34 1/2, WEST 2/10, NORTH 4/10, EAST 2/10, NORTH INTO

Congressional Location

Quarter 1	Quarter 2	Quarter 3	Quarter 4	Section	Township	Twnshp N…	Range	Rng E/W Dir
		SE	SE	1	3	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
1/27/2009	7,683.0	TAG	

Wellbore Sections

Section Des	Size (in)	Act Top, MD (ftKB)	Act Btm, MD (ftKB)
SURFACE	12 1/4	13.0	676.0
PRODUCTION	7 7/8	676.0	7,713.0

Zone Statuses

Zone Name	Status Date	Status	Fluid Type	Job	Prod Method
NIOBRARA	10/1/2008	PR		DRILLING/CO…	
CODELL	10/1/2008	PR		DRILLING/CO…	
J SAND	10/1/2008	PR		DRILLING/CO…	

Casing Strings

Surface, 669.2ftKB

Casing Description	Run Date	OD (in)	Wt/Len (l…	Grade	Top, MD (ft…	MD (ftKB)
Surface	8/5/2008	8 5/8	24.00	J-55	13.0	669.2

Production, 7,705.8ftKB

Casing Description	Run Date	OD (in)	Wt/Len (l…	Grade	Top, MD (ft…	MD (ftKB)
Production	8/8/2008	4 1/2	11.60	M-80	13.0	7,705.8

Cement

Description	Top Depth (ftKB)	Bottom Depth (ftKB)
Surface Casing Cement	13.0	669.2
Production Casing Cement	1,878.0	7,705.8

Tubing Strings

Tubing Description	Run Date	String…	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Set De…
Tubing - Production	1/27/2009	2 3/8	1.995	4.70	J-55	7,529.06	
Tubing - Production	5/24/2012	2 3/8	1.995	4.70	J-55	7,531.99	

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	246	7,530.39	7,543.4	
Pump Seating Nipple	2 3/8	1.10		1	1.20	7,544.6	
Notched collar	2 3/8			1	0.40	7,545.0	

Perforation Data

Zone	Bnch/Stg	Entered Shot Total	Top (ftKB)	Btm (ftKB)	Date
NIOBRARA, ORIGINAL HOLE	A	32	6,821.00	6,837.00	9/30/2008
NIOBRARA, ORIGINAL HOLE	B	32	6,874.00	6,890.00	9/30/2008
NIOBRARA, ORIGINAL HOLE	C	32	6,952.00	6,968.00	9/30/2008
CODELL, ORIGINAL HOLE		32	7,094.00	7,110.00	9/30/2008
CODELL, ORIGINAL HOLE		56	7,095.00	7,109.00	9/30/2008
J SAND, ORIGINAL HOLE	1	28	7,559.00	7,566.00	8/27/2008
J SAND, ORIGINAL HOLE	2	64	7,580.00	7,596.00	8/27/2008
J SAND, ORIGINAL HOLE	3	16	7,612.00	7,616.00	8/27/2008

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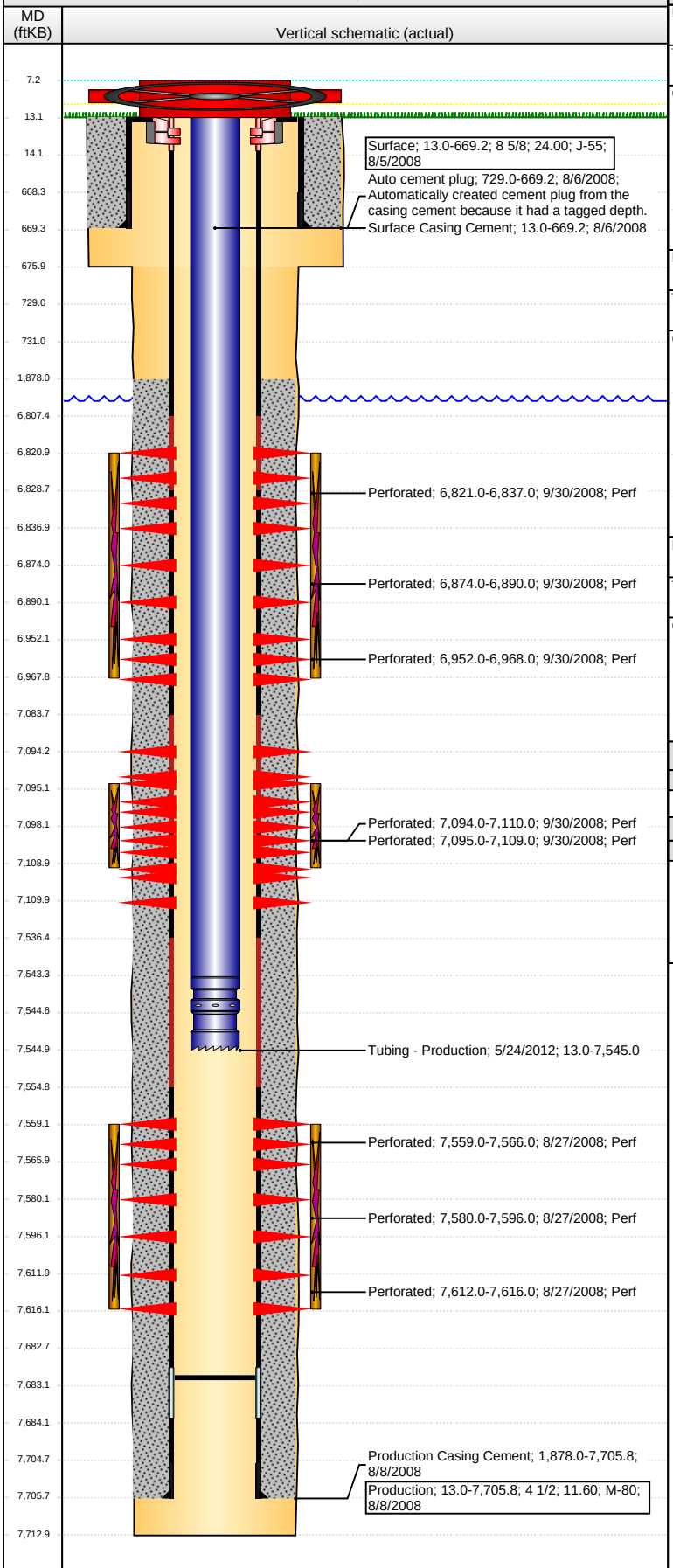

Stimulations & Treatments

Date	Zone	Primary Job Type
9/30/2008	J SAND, ORIGINAL HOLE	DRILLING/COMPLETION - ORIGINAL

Technical Result	Tech Result Details	Tech Result Note
Success	According to Plan	

Comment

CLOSURE PRESSURE (25 MINUTES) = 3523 PSI (O,464 PSI/FT), ESTIMATED RESERVOIR PRESSURE = 3083 PSI. PRE-ISIP = 1752 PSI, 5-MIN = 1472 PSI, 10-MIN = 1353 PSI, 15-MIN = 1275 PSI. 20 OF 120 PERFS OPEN, 148 NWB FRICTION, 163 PSI PERF FRICTION, AND 776 PSI TOTAL FRICTION, LEAKOFF COEFF. = 0.00013 . POST ISIP = 3088 PSI, 5-MIN= 2949 PSI. TREATMENT EXHIBITED A POSITIVE TREND THROUGOUT THE SAND LADEN STAGES (NOLTE = 0.178).

Date	Zone	Primary Job Type
9/30/2008	CODELL, ORIGINAL HOLE	DRILLING/COMPLETION - ORIGINAL

Technical Result	Tech Result Details	Tech Result Note
Success	According to Plan	

Comment

PRE-ISIP = 2862 PSI, 5-MIN = 1711 PSI. 6 OF 56 PERFS OPEN, 702 NWB FRICTION, 908 PSI PERF FRICTION, AND 1767 PSI TOTAL FRICTION. TREATMENT SCREENED OUT WHEN 1.0 PPG SAND WAS ON THE PERFS. FLOWED WELL BACK 120 BBLS UNTIL CLEANED UP AND TRIED TO RE-INITIATE FRAC. WELL WOULDN'T BREAKDOWN. RE-SHOT PERFORATION WITH 2SPF GUNS. CODELL BROKE DOWN AFTER SEVERAL TRIES. GEL LOADING WAS INCREASED TO A 36 PPG SILVERSTIM SYSTEM. DUE TO TIME LIMITATIONS THE CODELL WAS FRAC'D AT 50 BPM AND TREATED RELATIVELY FLAT THROUGHOUT. POST ISIP = 3087 PSI, 5-MIN = 2961 PSI.

Date	Zone	Primary Job Type
9/30/2008	NIOBRARA, ORIGINAL HOLE	DRILLING/COMPLETION - ORIGINAL

Technical Result	Tech Result Details	Tech Result Note
Success	According to Plan	

Comment

NIOBRARA (A, B, C) - 15% HCL BREAKDOWN. PRE-ISIP (257 BBL) = 3477 PSI. TREATMENT EXHIBITED A FLAT PRESSURE RESPONSE. POST-ISIP = 3626 PSI, 5-MIN = 3348 PSI. TURN ON IN 22 MINUTES WITH 3200 PSI. 10K SAND ON GROUND DUE TO MOUNTAIN MOVER SITUATED WRONG FOR BLENDER POSITION.

Other In Hole

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

Logs

Date	Type	Top, MD (ftKB)	Btm, MD (ftKB)
8/8/2008	Caliper/Comp. Density/Neutron/GR/SP/ML	2,660.0	7,690.0
8/8/2008	DIL/GR/SP/Caliper	669.0	7,710.0
8/25/2008	CBL/CCL/GR	1,740.0	7,641.0