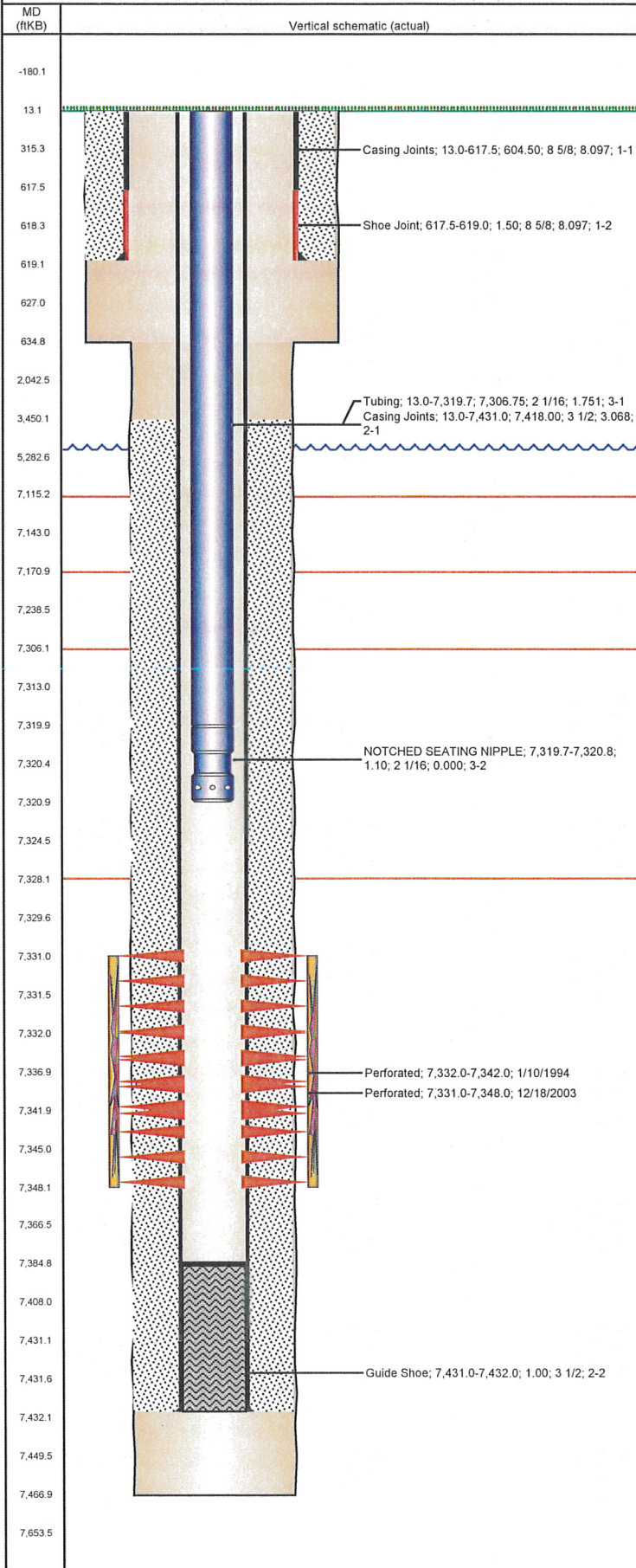


Frac Wellbore Schematic Report

Well Name: SARCHET 33-10J7

VERTICAL - ORIGINAL HOLE, 8/7/2012 9:54:01 AM



Well Header

API	Business Unit	District	Well Config
05-123-17577	WATTENBERG	15	VERTICAL
Original KB Elevation (ft)	KB - GL / MSL (ftKB)	Spud Date	P & A Date
4,855.00	13.00	1/3/1994	
Comment			

Directions To Well
WCR 19 & 28, SOUTH 0.5, WEST 0.4, SOUTH 0.1 INTO.

Current PBTD (ftKB)
ORIGINAL HOLE - 7,385.0

Surface Location (Congressional)

Quarter 1	Quarter 2	Quarter 3	Quarter 4	Section	Township	Twship N...	Range	Rng E/W Dir
		NW	SE	33	3	N	67	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
1/10/1994	7,385.0	CASED HOLE LOG	DEPTH LOGGER ON CBL
12/24/2003	7,385.0	TAG	TAG PBTD & LANDED TBG

Wellbore Sections

Section Des	Size (in)	Act Top (ftKB)	Act Btm (ftKB)
SURFACE	12 1/4	13.0	635.0
PRODUCTION	7 7/8	635.0	7,467.0

Zone Statuses

Zone Name	Status Date	Status	Job
CODELL	1/23/1994	PR	DRILLING/COMPLETION - ORIGINAL, 1/3/1994 00:00
CODELL	12/20/2003	PR	RE-FRAC, 12/15/2003 00:00
CODELL	3/2/2012	PR	TRI-FRAC, 1/6/2012 06:00

Casing Strings

Csg Des	Run Date	OD (in)	Wt/Len (lb/ft)	Grade	Top (ftKB)	Set Depth (ftKB)
Surface	1/4/1994	8 5/8	24.00	J-55	13.0	619.0
Production	1/7/1994	3 1/2	7.70	B-70	13.0	7,432.0

Cement

Des	Top (ftKB)	Btm (ftKB)
SURFACE CASING CEMENT	13.0	619.0
PRODUCTION CASING CEMENT	3,450.0	7,432.0

Tubing Components

Item Des	OD (in)	Wt (lb/ft)	Grade	Jts	Len (ft)
Tubing	2 1/16	3.25	J-55	226	7,306.75
NOTCHED SEATING NIPPLE	2 1/16	0.00	X	1	1.10

Perforation Data

Zone	Bnch/St g	Entered Shot Total	Top (ftKB)	Btm (ftKB)	Date
CODELL, ORIGINAL HOLE		68	7,331.0	7,348.0	12/18/2003
CODELL, ORIGINAL HOLE		20	7,332.0	7,342.0	1/10/1994

Stimulations & Treatments

Bnch/Stg	Date	Zone	Primary Job Type
	1/11/1994	CODELL, ORIGINAL HOLE	DRILLING/COMPLETION - ORIGINAL
Comment			

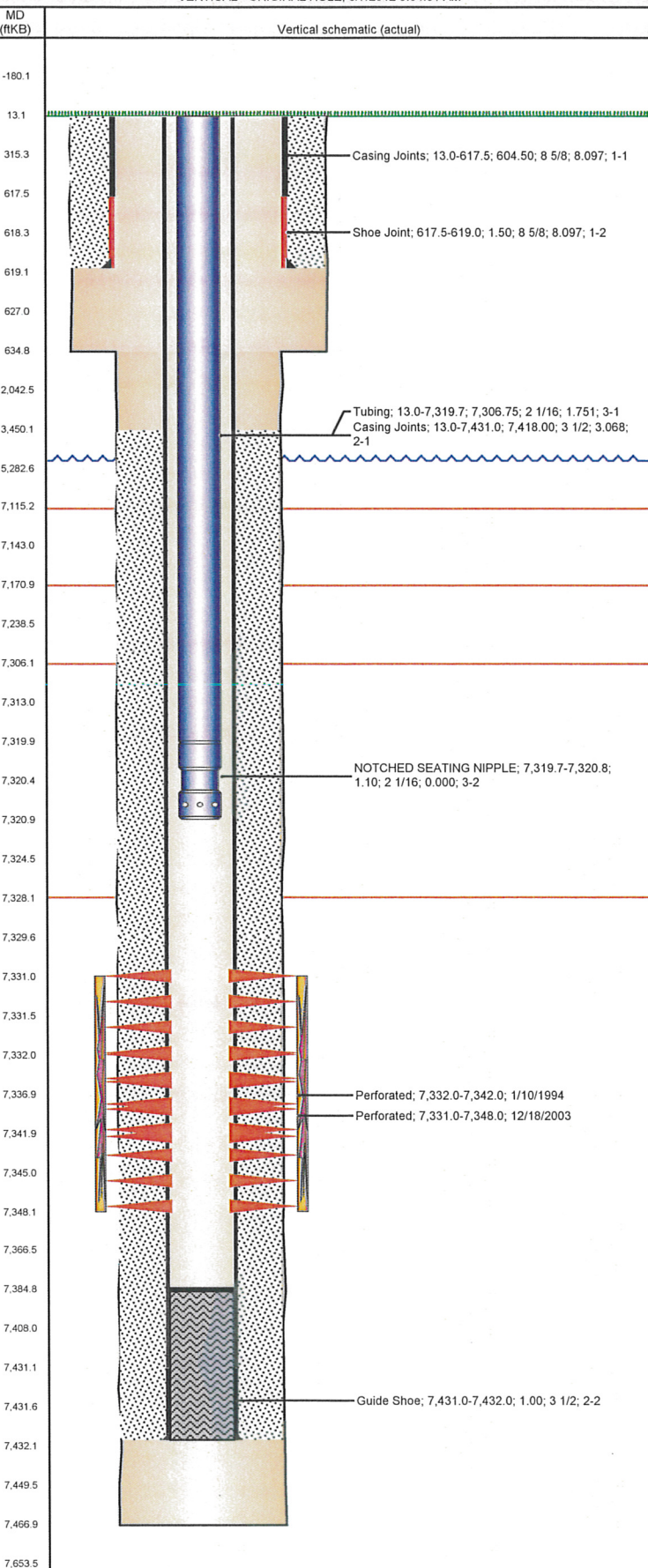
Total Add Amount	Total Clean Volume...	Vol Slurry Tot (gal)	Vol Gas Tot (MCF)
Proppant 190000 lb		45360.00	
Avg Treat Pressure (psi)	Max Treat Pressure (psi)	Avg Treat Rate (bbl/min)	Max Treat Rate (bbl/min)
	5,400.0	22.00	23.00

Bnch/Stg	Date	Zone	Primary Job Type
	12/19/2003	CODELL, ORIGINAL HOLE	RE-FRAC
Comment			

Total Add Amount	Total Clean Volume...	Vol Slurry Tot (gal)	Vol Gas Tot (MCF)
Proppant Ottawa 245700 lb		131334.00	
Avg Treat Pressure (psi)	Max Treat Pressure (psi)	Avg Treat Rate (bbl/min)	Max Treat Rate (bbl/min)
4,370.0	4,895.0	14.08	15.00

Well Name: SARCHET 33-10J7

VERTICAL - ORIGINAL HOLE, 8/7/2012 9:54:01 AM



Stimulations & Treatments

Bnch/Stg	Date	Zone	Primary Job Type
	1/13/2012	CODELL, ORIGINAL HOLE	TRI-FRAC
Comment (COD TRF): HAD PROBLEMS WITH X-LINKER PUMP ISSUES HAD TO FLUSH AND SHUT DOWN FOR 7 MINUTES AT 3 POUND, FIXED PROBLEM AND FINISHED JOB. 5 MIN SIP 2739			
Total Add Amount		Total Clean Volume...	Vol Slurry Tot (gal)
Proppant Ottawa		132857.34	143926.44
244517.507 lb			
Avg Treat Pressure (psi)	Max Treat Pressure (psi)	Avg Treat Rate (bbl/min)	Max Treat Rate (bbl/min)
6,903.0	7,368.0	14.00	14.40

Other In Hole

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

Logs

Date	Type	Top (ftKB)	Btm (ftKB)
1/7/1994	COMPENSATED DENSITY	4,190.0	7,465.0
1/7/1994	INDUCTION	619.0	7,465.0
1/10/1994	SONIC CEMENT BOND	4,190.0	7,465.0