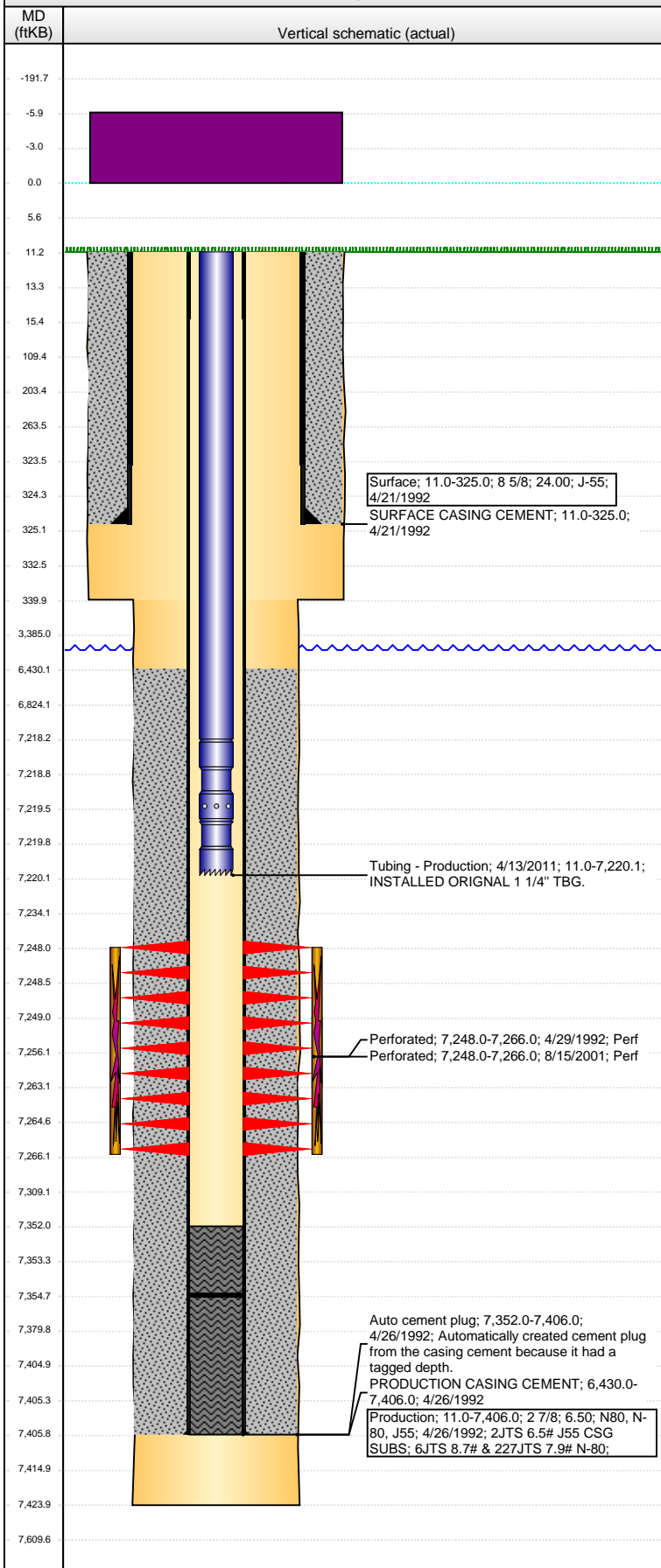


Well Name: SHAFTO J27-09

VERTICAL - ORIGINAL HOLE, 10/10/2016 8:56:50 AM



Well Header

API 05-123-15599	Business Unit DJ BASIN	District 15	Well Config VERTICAL
Original KB Elevation (ft) 4,815	KB - GL / MSL (ftKB) 11.00	Spud Date 4/21/1992	P & A Date

Comment

2 7/8" 6.5#, 8.7#,&7.9#

Directions To Well

47TH AVE & 49TH ST, W 1/10 TO CEDAR PARK, N 3/10 TO BUSH MILL, N 3/10, W 1/10 INTO

Congressional Location

Quarter 3 NE	Quarter 4 SE	Section 27	Township 5 N	Twntshp N/S Dir N	Range 66	Range E/W Dir W
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Bottom Hole Location

North-South Distance (ft)	From N or S Line	East-West Distance (ft)	From E or W Line
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Plug Back Total Depths

Date	Depth (ftKB)	Method	Com
4/26/1992	7,352.0	CASING TALLY	FLOAT SHOE
4/29/1992	7,343.0	CASED HOLE LOG	DEPTH LOGGER ON CBL
11/30/2009	7,377.0	TAG	FILL
4/12/2011	7,354.7	TAG	C/O, TBG TALLY MEASUREMENT.

Wellbore Sections

Section Des	Size (in)	Act Top, MD (ftKB)	Act Btm, MD (ftKB)
SURFACE	12 1/4	11	340
PRODUCTION	7 7/8	340	7,424

Zone Statuses

Zone Name	Status Date	Status	Fluid Type	Job	Prod Method
CODELL	6/3/1992	PR	Gas	DRILLING/CO...	
CODELL	8/23/2001	PR	Gas	RE-FRAC, 8/6/...	
CODELL	5/17/2011	PR	Gas	TRI-FRAC, 3/2...	

Casing Strings

Surface, 325.0ftKB

Casing Description	Run Date	OD (in)	Wt/Len (l...)	Grade	Top, MD (ft...)	MD (ftKB)
Surface	4/21/1992	8 5/8	24.00	J-55	11.0	325.0

Production, 7,406.0ftKB

Casing Description	Run Date	OD (in)	Wt/Len (l...)	Grade	Top, MD (ft...)	MD (ftKB)
Production	4/26/1992	2 7/8	7.90	N80	11.0	7,406.0

Cement

Description	Top Depth (ftKB)	Bottom Depth (ftKB)
SURFACE CASING CEMENT	11.0	325.0
Description	Top Depth (ftKB)	Bottom Depth (ftKB)
PRODUCTION CASING CEMENT	6,430.0	7,406.0

Tubing Strings

Tubing Description	Run Date	String...	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Set De...
Tubing - Production	6/26/2006	1.66	1.380	2.33	J-55	7,221.00	
Tubing Description	Run Date	String...	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Set De...
Tubing - Production	11/25/2009	1.66	1.380	2.40	J-55	7,225.05	
Tubing Description	Run Date	String...	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Set De...
Tubing - Production	4/13/2011	1.66	1.380	2.30	J-55	7,209.10	

Tubing Components

Item Des	OD (in)	Wt (lb/ft)	Grade	Jts	Len (ft)	Btm (ftKB)	Btm (TVD) (ftKB)
Tubing	1.66	2.30	J-55	219	7,207.10	7,218.1	
Notch Seat Nipple	1.66	2.30	N-80	1	1.50	7,219.6	
Notched collar	1.66				0.50	7,220.1	

Perforation Data

Zone	Bnch/St g	Entered Shot Total	Top (ftKB)	Btm (ftKB)	Date
CODELL, ORIGINAL HOLE		72	7,248.00	7,266.00	4/29/1992
CODELL, ORIGINAL HOLE		56	7,248.00	7,266.00	8/15/2001

Well Name: SHAFTO J27-09

VERTICAL - ORIGINAL HOLE, 10/10/2016 8:56:53 AM

Stimulations & Treatments

Date 4/30/1992	Zone CODELL, ORIGINAL HOLE	Primary Job Type DRILLING/COMPLETION - ORIGINAL
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Technical Result	Tech Result Details	Tech Result Note
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Comment

Date 8/22/2001	Zone CODELL, ORIGINAL HOLE	Primary Job Type RE-FRAC
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Technical Result	Tech Result Details	Tech Result Note
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Comment

Date 4/8/2011	Zone CODELL, ORIGINAL HOLE	Primary Job Type TRI-FRAC
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Technical Result Success	Tech Result Details According to Plan	Tech Result Note
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Comment
(CODELL TF): HAD ISSUES WITH FRAC PUMPS KICKING OUT DURING PAD.REVERSE RESULTS, PERFS OPEN=7.5, PERF FRICTION=459, NWB FRICTION=163, PUMPED CODELL AT 18 BPM. PUMPS KICKED OUT DURING 1LB STG,KICK-OUTS WERE SET TOO LOW. AVD VISC=25.8, PH=10.28, TEMP=68.9, PRESSURE=5110, RATE=16.8.

Other In Hole

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

Logs

Date	Type	Top, MD (ftKB)	Btm, MD (ftKB)
4/26/1992	COMPENSATED DENSITY	2,500.0	7,403.0
4/26/1992	INDUCTION	2,500.0	5,050.0
4/29/1992	CEMENT BOND	6,250.0	7,334.0
5/10/2016	GYRO	0.0	7,100.0

