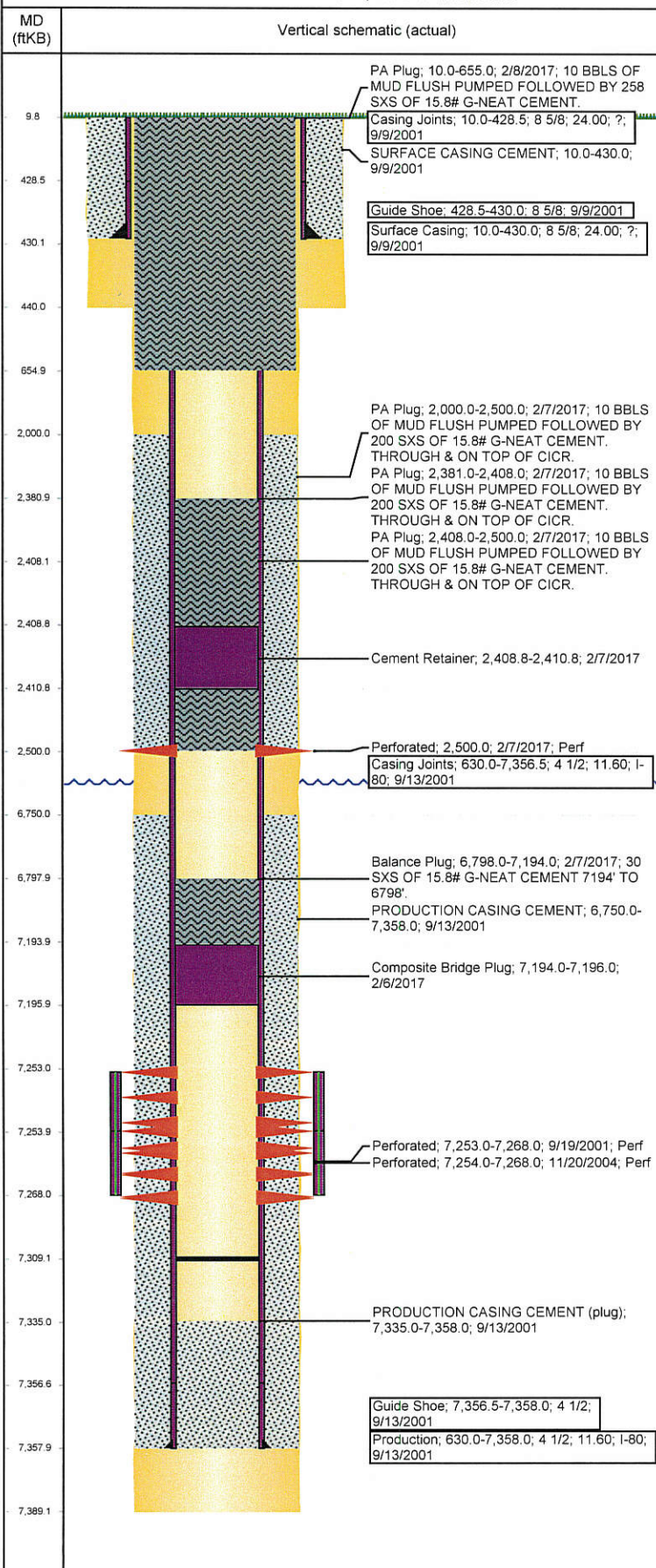


Wellbore Schematic Input Report

Well Name: BIRD K20-02

VERTICAL - ORIGINAL HOLE, 4/4/2017 7:18:09 AM



Well Header

API	Business Unit	District	Well Config
05-123-20201	DJ BASIN	15	VERTICAL
Original KB Elevation (ft)	KB - GL / MSL (ftKB)	Spud Date	P & A Date
4,752	10.00	9/8/2001	2/6/2017
Comment			
BTRYD W/ K20-1			

Directions To Well
CR 29 & CR 44 WEST 1/10 SOUTH INTO

Congressional Location

Quarter 3	Quarter 4	Section	Township	Twnshp N/S Dir	Range	Range E/W Dir
NW	NE	20	4	N	66	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
9/13/2001	7,335.0	CASING TALLY	FLOAT SHOE
12/8/2004	7,309.0	TAG	LAND TBG

Wellbore Sections

Section Des	Size (in)	Act Top, MD (ftKB)	Act Btm, MD (ftKB)
SURFACE	12 1/4	10	440
PRODUCTION	7 7/8	440	7,389

Zone Statuses

Zone Name	Status Date	Status	Fluid Type	Job	Prod Method
CODELL	9/28/2001	PR	Water	DRILLING/CO...	Flowing
CODELL	11/30/2004	PR		RE-FRAC, 11/1...	
CODELL	2/8/2010	PR		TRI-FRAC, 8/3...	
CODELL	10/6/2011	PR		ABANDON WE...	
CODELL	10/27/2016	SI			
CODELL	2/6/2017	P&A			

Casing Strings

Surface Casing, 430.0ftKB

Casing Description	Run Date	OD (in)	Wt/Len (L...)	Grade	Top, MD (ft...)	MD (ftKB)
Surface Casing	9/9/2001	8 5/8	24.00	?	10.0	430.0

Production, 7,358.0ftKB

Casing Description	Run Date	OD (in)	Wt/Len (L...)	Grade	Top, MD (ft...)	MD (ftKB)
Production	9/13/2001	4 1/2	11.60	I-80	10.0	7,358.0

Cement

Description	Top Depth (ftKB)	Bottom Depth (ftKB)
SURFACE CASING CEMENT	10.0	430.0
PRODUCTION CASING CEMENT	6,750.0	7,358.0
Balance Plug	6,798.0	7,194.0
PA Plug	2,408.0	2,500.0
PA Plug	2,000.0	2,500.0
PA Plug	2,381.0	2,408.0
PA Plug	10.0	655.0

Tubing Strings

Tubing Description	Run Date	String...	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Set De...
Tubing - Production	12/8/2004	2 3/8	2.00	4.70	J-55	7,227.00	
Tubing - Frac string	8/23/2011	2 7/8	2.44	6.50	N-80	7,197.21	
Tubing - Production	9/1/2011	2 3/8	2.00	4.70	J-55	7,233.50	

Other In Hole

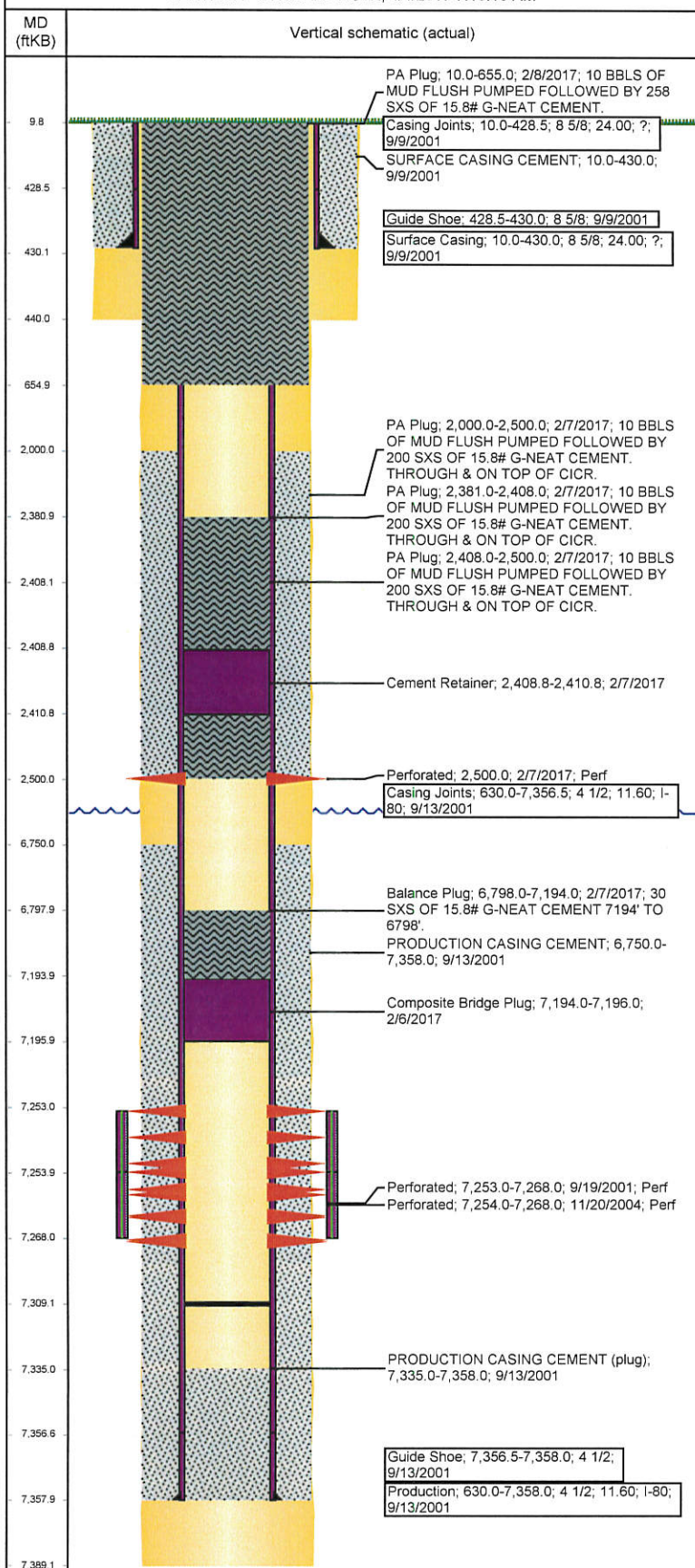
Run Date	Des	OD (in)	Top (ftKB)	Btm (ftKB)
2/6/2017	Composite Bridge Plug	3.99	7,194.0	7,196.0
2/7/2017	Cement Retainer	3.99	2,408.9	2,410.9

Logs

Date	Type	Top, MD (ftKB)	Btm, MD (ftKB)
9/12/2001	COMPENSATED DENSITY	430.0	7,369.0
9/12/2001	INDUCTION	430.0	7,370.0

Well Name: BIRD K20-02

VERTICAL - ORIGINAL HOLE, 4/4/2017 7:18:10 AM



Date	Type	Top, MD (ftKB)	Btm, MD (ftKB)
9/18/2001	CBL/GR	6,640.0	7,340.0
12/8/2016	GYRO	0.0	7,150.0

Perforation Data					
Linked Zone	Bnch/St g	Sum of Entered Shot Total	Top (ftKB)	Btm (ftKB)	Date
CODELL, ORIGINAL HOLE		4	2,500.00	2,500.00	2/7/2017
CODELL, ORIGINAL HOLE		60	7,253.00	7,268.00	9/19/2001
CODELL, ORIGINAL HOLE		28	7,254.00	7,268.00	11/20/2004
Total (Sum)		92			

Stimulation Intervals		
Start Date	Primary Job Type	
9/26/2001	DRILLING/COMPLETION - ORIGINAL	
Technical Result	Tech Result Details	Tech Result Note
Comment		

Start Date	Primary Job Type	
11/22/2004	RE-FRAC	
Technical Result	Tech Result Details	Tech Result Note
Failure	Mechanical	

Comment
ABORTED - DEVELOPED HOLE IN NIPPLE BTWN PRODUCTION CSG & 5K FRAC FLANGE.

Start Date	Primary Job Type	
8/30/2011	TRI-FRAC	
Technical Result	Tech Result Details	Tech Result Note
Success	According to Plan	

Comment
[CD TRI-FRAC] JOB WENT WELL WITH NO ISSUES TO REPORT 3683 PSI SHUT IN PRESSURE, .10 AVG NOLTE SLOPE

Start Date	Primary Job Type	
11/29/2004	RE-FRAC	
Technical Result	Tech Result Details	Tech Result Note

Comment