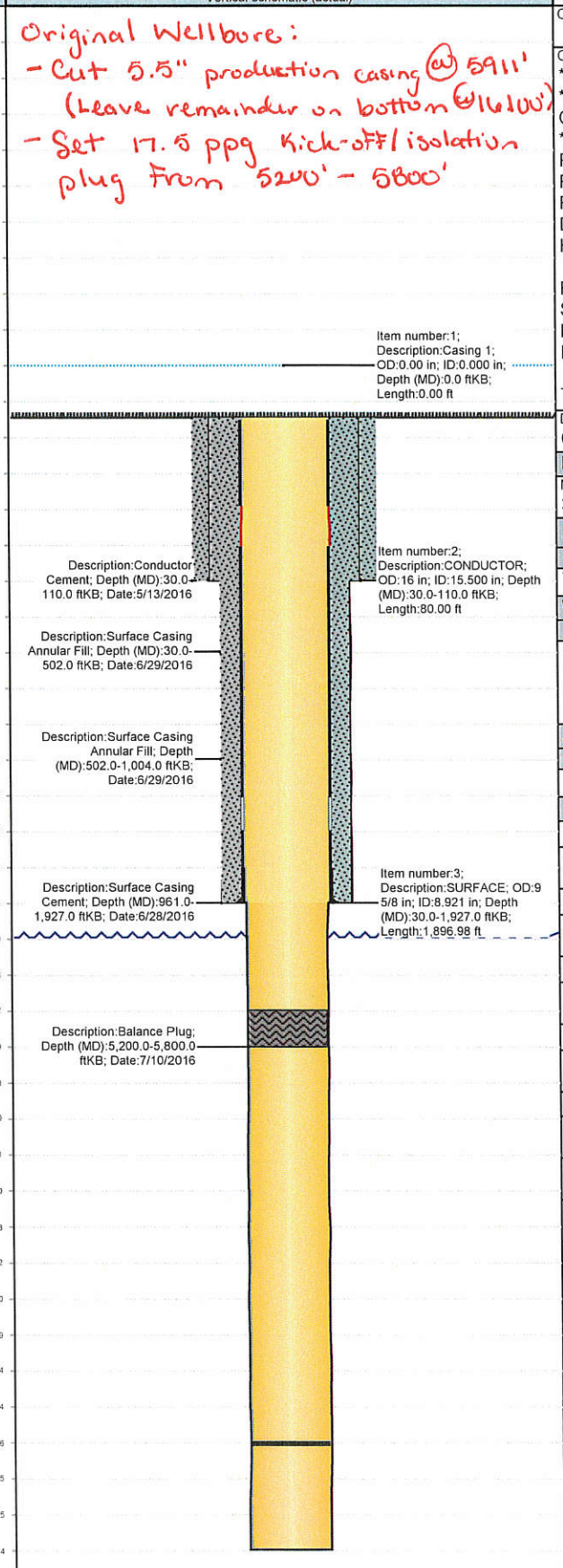
Wellbore Schematic Input Report

Well Name: HESTON LD06-620 → Original Hole

HORIZONTAL - ORIGINAL HOLE, 7/11/2016 2:50:42 PM

MD (ftKB)	Incl (°)	TVD (ftKB)
	0.8	-4,191.5
	0.8	-127.0
	0.8	-123.7
	0.8	-94.5
	0.8	-63.6
	0.8	-57.7
	0.8	-26.9
	0.8	-4.9
	0.8	-0.7
	0.8	0.0
	0.8	29.9
	0.8	30.2
	0.8	34.8
	0.8	37.1
	0.8	83.0
	0.7	109.9
	0.2	485.9
	0.2	502.0
	0.2	504.6
	0.2	960.9
	0.1	1,003.9
	0.2	1,878.6
	0.2	1,879.9
	0.2	1,925.5
	0.2	1,926.8
	13.9	4,972.0
	14.1	4,980.6
	15.1	5,112.2
	34.7	5,664.9
	86.5	5,925.8
	87.1	5,926.0
	90.1	5,915.1
	90.2	5,915.0
	91.3	5,884.3
	91.4	5,884.2
	90.7	5,862.0
	90.7	5,861.9
	91.0	5,861.4
	91.0	5,861.4
	91.5	5,860.6
	91.5	5,860.5
	91.5	5,859.5
	91.5	5,859.4

Vertical schematic (actual)



Well Header

API	Business Unit	Spud Date	Well Configuration Type
05-123-40816	DJ BASIN	6/28/2016	HORIZONTAL

Original KB Elevation (ft)	KB - GL / MSL (ftKB)	P & A Date
4,830	30.00	

Comment

*** TIGHT HOLE STATUS**
*** SUNDRY TO DRILL MONOBORE/CHANGE TO BHL, PR ZONE, AND CASING PLAN APPROVED 5/10/2016 ***
*** COGCC ASSIGNED ONE 2A PAD LOCATION ID #440372 TO NOBLE DRILL PAD LD05-16-A. THIS LOCATION DOES NOT MEET THE 317.p EXCEPTION REQUIREMENT, THEREFORE NBL MUST RUN ONE OPEN HOLE RESISTIVITY LOG ON "ONE" OF THE 1ST WELLS TO BE DRILLED. PER NBL DRILLING ENGINEER THE DESIGNATED WELL FOR THIS LOG WILL BE THE HESTON LD06-620 ***

FORMATION TOPS WILL BE PROVIDED BY THE GEOLOGIST IN THE PRE-SPUD PACKAGE
RELEASE LOGS ONLY TO NOBLE CONTACT LISTED UNDER "SPECIAL INSTRUCTIONS" ON PROG

THREE WELL PAD

Directions To Well

CR 110 & CR 127, WEST 1 MILE, SOUTH .8 MILES, WEST INTO LOCATION.

Bottom Hole Location

North-South Distance (ft)	From N or S Line	East-West Distance (ft)	From E or W Line
330.0	FSL	330.0	FWL

Plug Back Total Depths

Date	Depth (ftKB)	Method	Com
7/4/2016	16,206.0	CASING TALLY	FLOAT COLLAR

Wellbore Sections

Section Des	Size (in)	Act Top, MD (ftKB)	Act Btm, MD (ftKB)
CONDUCTOR	16	30	110
SURFACE	13 1/2	110	1,937
PRODUCTION	8 1/2	1937	16,261

Zone Statuses

Zone Name	Status Date	Status	Job

Casing Strings

<des>, <depthbtm>ftKB

Casing Description	Run Date	OD (in)	Wt/Len (lb...	Grade	Top, MD (ft...	MD (ftKB)
	7/11/2016					

CONDUCTOR, 110.0ftKB

Casing Description	Run Date	OD (in)	Wt/Len (lb...	Grade	Top, MD (ft...	MD (ftKB)
CONDUCTOR	4/13/2016	16	42.09	A-52A	30.0	110.0

SURFACE, 1,927.0ftKB

Casing Description	Run Date	OD (in)	Wt/Len (lb...	Grade	Top, MD (ft...	MD (ftKB)
SURFACE	6/28/2016	9 5/8	36.00	J-55	30.0	1,927.0

Production, 16,251.5ftKB

Casing Description	Run Date	OD (in)	Wt/Len (lb...	Grade	Top, MD (ft...	MD (ftKB)
Production		5 1/2	20.00	P110-IC	~~4,9~~ 5911	16,251.5

Cement

Description	Top Depth (ftKB)	Bottom Depth (ftKB)
Conductor Cement	30.0	110.0
Surface Casing Cement	961.0	1,927.0
Surface Casing Annular Fill	30.0	502.0
Surface Casing Annular Fill	502.0	1,004.0
Balance Plug	5,200.0	5,800.0

Tubing Components

Item Des	OD (in)	Wt (lb/ft)	Grade	Jts	Len (ft)

Perforation Data

Zone	Bnch/Stg	Entered Shot Total	Top (ftKB)	Btm (ftKB)	Date

Other In Hole

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

Report Printed: 7/11/2016

Wellbore Schematic Input Report

Well Name: HESTON LD06-620 → Sidetrack

HORIZONTAL - ORIGINAL HOLE, 7/11/2016 2:51:05 PM

MD (ftKB)	Incl (°)	TVD (ftKB)
	0.8	-4,191.5
	0.8	-127.0
	0.8	-123.7
	0.8	-94.5
	0.8	-63.6
	0.8	-57.7
	0.8	-26.9
	0.8	-4.9
	0.8	-0.7
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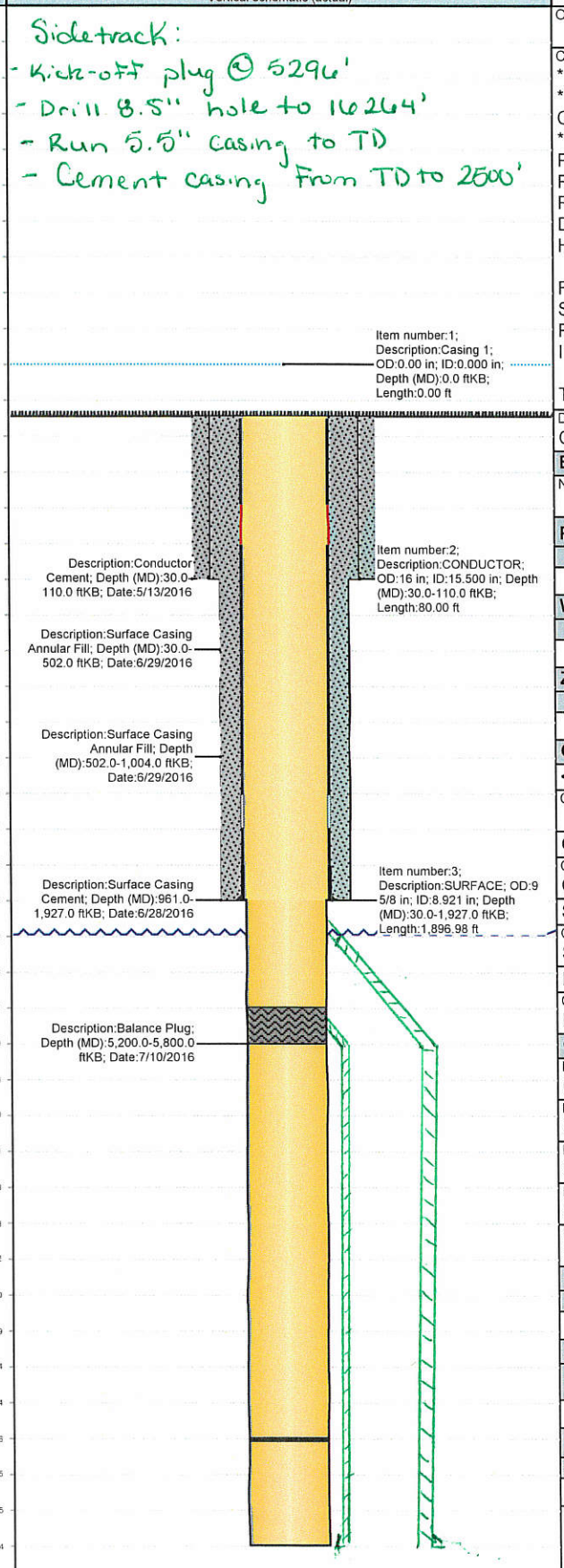

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Plug Back Total Depths

Date	Depth (ftKB)	Method	Com

Wellbore Sections

Section Des	Size (in)	Act Top, MD (ftKB)	Act Btm, MD (ftKB)
Production - ST	8.5	5296'	16264'

Zone Statuses

Zone Name	Status Date	Status	Job

Casing Strings

<des>, <depthbtm>ftKB

Casing Description	Run Date	OD (in)	Wt/Len (lb...	Grade	Top, MD (ft...	MD (ftKB)
	7/11/2016					

CONDUCTOR, 110.0ftKB

Casing Description	Run Date	OD (in)	Wt/Len (lb...	Grade	Top, MD (ft...	MD (ftKB)
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