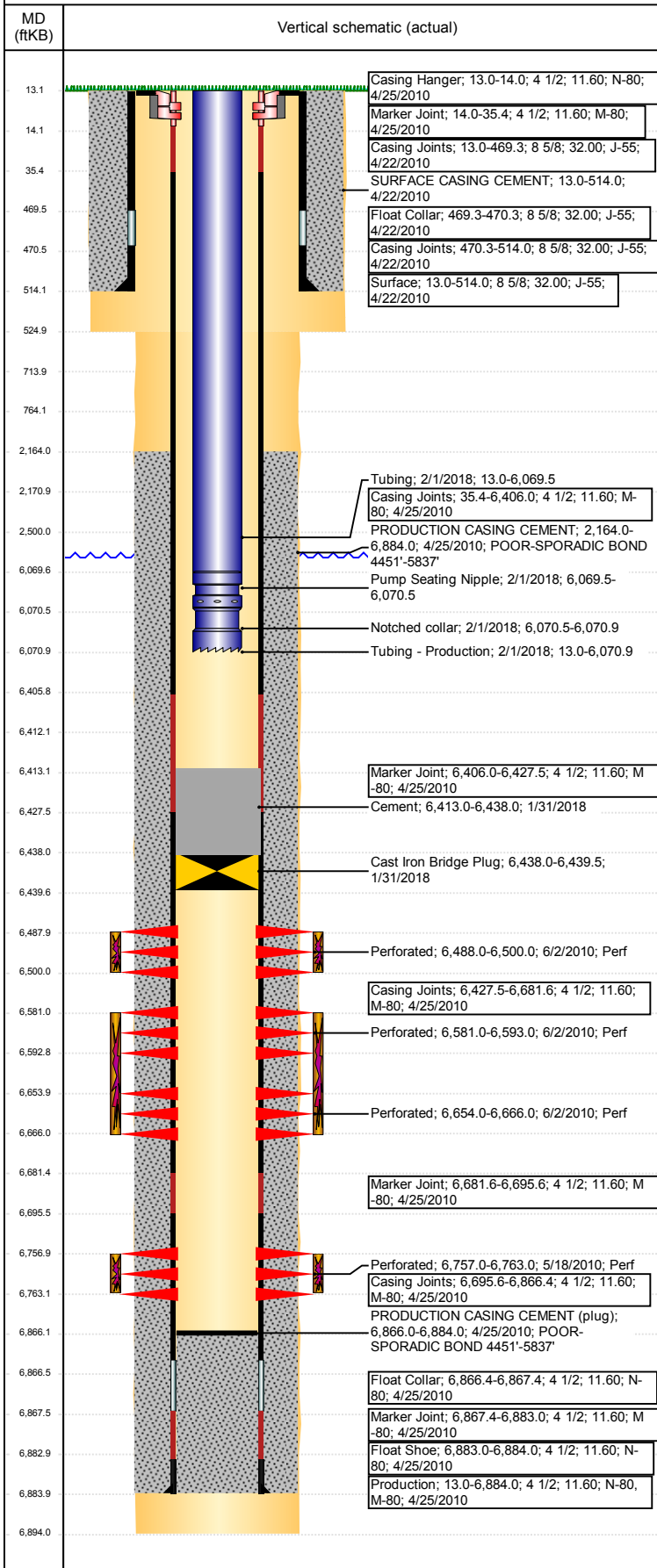


Wellbore Schematic Input Report

Well Name: WELLS RANCH USX AE19-03P

VERTICAL - ORIGINAL HOLE, 2/17/2018 8:53:24 AM



Well Header			
API 05-123-30485		Well Report Center 425739809	Well Configuration Type VERTICAL
Original KB Elevation (ft) 4,840	KB - GL / MSL (ftKB) 13.00	Spud Date 4/22/2010	P & A Date
Production Route B2-02		Well Production Status PR	SoRT Ignore No
Directions To Well WCR 67 & WCR 68, E 0.2 S .2 E 3 MILES NE .2 INTO		Actual Latitude (°) 40.47749956	Actual Longitude (°) -104.36786604
Comment			

Congressional Location

Quarter 3	Quarter 4	Section	Township	Twntshp N/S Dir	Range	Range E/W Dir
NE	NW	19	6	N	62	W

Rig Operator

Rig Operator
JOSE ROBLES, RIG OPERATOR

Plug Back Total Depths

Date	Depth (ftKB)	Method	Com
6/10/2010	6,866.0	TUBING TALLY	PLUG REMNANTS

Wellbore Sections

Section Des	Size (in)	Act Top, MD (ftKB)	Act Btm, MD (ftKB)
SURFACE	12 1/4	13	525
PRODUCTION	7 7/8	525	6,894

Zone Statuses

Zone Name	Status Date	Status
CODELL	1/31/2018	TA
NIOBRARA	1/31/2018	TA

Casing Strings

Surface, 514.0ftKB		Run Date	OD (in)	Wt/Len (l...)	Grade	Top, MD (ft...)	MD (ftKB)
Casing Description	Surface	4/22/2010	8 5/8	32.00	J-55	13.0	514.0

Production, 6,884.0ftKB

Casing Description	Run Date	OD (in)	Wt/Len (l...)	Grade	Top, MD (ft...)	MD (ftKB)
Production	4/25/2010	4 1/2	11.60	M-80	13.0	6,884.0

Cement

Des	Start Date	Top (ftKB)	Btm (ftKB)
SURFACE CASING CEMENT	4/22/2010	13.0	514.0
PRODUCTION CASING CEMENT	4/25/2010	2,164.0	6,884.0

Proposed Cement

Des	Top (ftKB)	Btm (ftKB)
P&A PLUG	6,412.0	6,438.0
P&A PLUG	2,171.0	2,500.0
P&A PLUG	714.0	764.0
P&A PLUG	13.1	714.0

Tubing Strings

Tubing Description	Run Date	String...	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Set De...
Tubing - Production	2/1/2018	2 3/8	2.00	2.00	J-55	6,057.87	6,069.8

Tubing Components

Item Des	OD (in)	Wt (lb/ft)	Grade	Jts	Len (ft)	Btm (ftKB)	Btm (TVD) (ftKB)
Tubing	2 3/8	2.00	J-55	196	6,056.47	6,069.5	
Pump Seating Nipple	2 3/8	1.10	N-80	1	1.00	6,070.5	6,069.4
Notched collar	2 3/8	2.00	J-55	1	0.40	6,070.9	6,069.8

Other In Hole

Run Date	Des	OD (in)	Top (ftKB)	Btm (ftKB)
1/31/2018	Cast Iron Bridge Plug	3.99	6,438.0	6,439.5
1/31/2018	Cement	3.99	6,413.0	6,438.0

Proposed Other In Hole

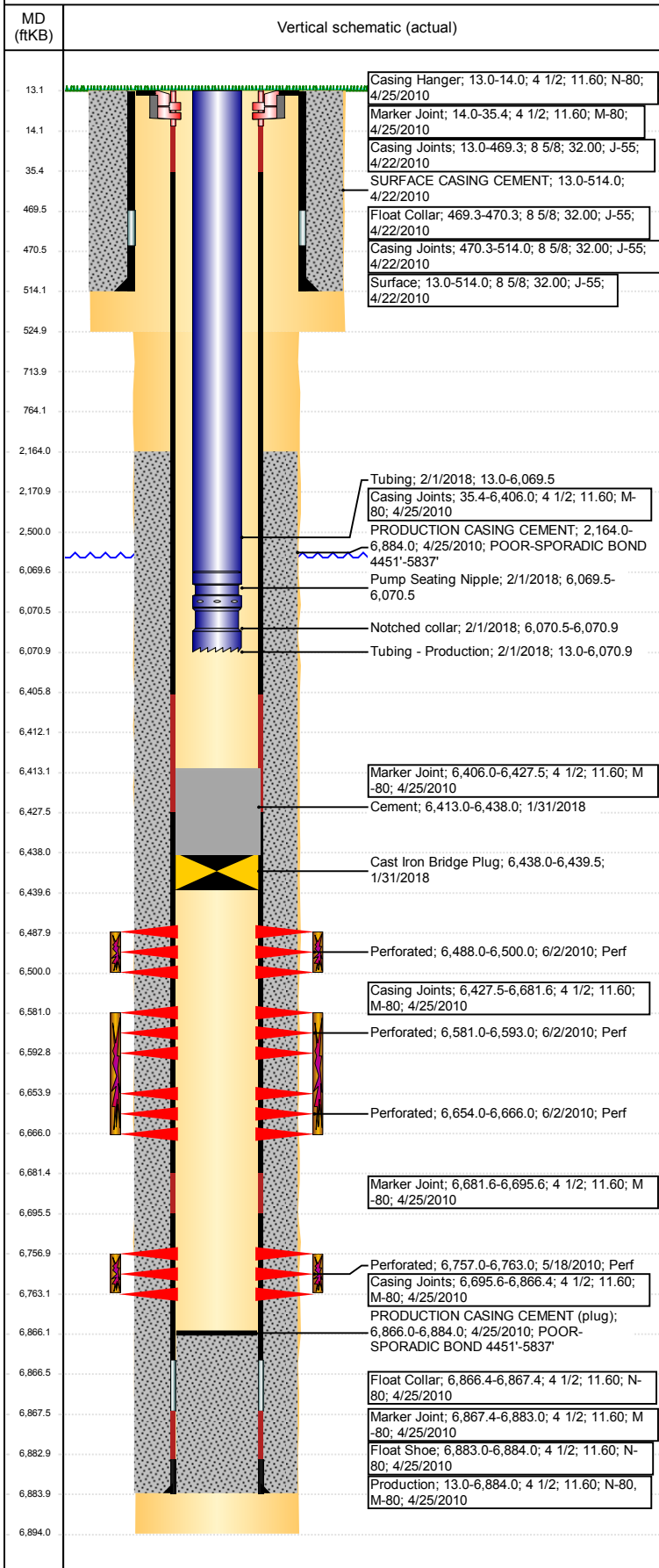
Des	OD (in)	Top (ftKB)	Btm (ftKB)

Logs

Date	Type	Top, MD (ftKB)	Btm, MD (ftKB)
4/24/2010	Caliper/Comp. Density/Neutron/GR/SP/ML	2,750.0	6,885.0
4/24/2010	DIL/GR/SP/Caliper	515.0	6,885.0

Well Name: WELLS RANCH USX AE19-03P

VERTICAL - ORIGINAL HOLE, 2/17/2018 8:53:25 AM



Logs			
Date	Type	Top, MD (ftKB)	Btm, MD (ftKB)
5/5/2010	CBL/CCL/GR	1,930.0	6,846.0
12/20/2013	GYRO	13.0	6,650.0

Perforation Data				
Linked Zone	Sum of Entered Shot Total	Top (ftKB)	Btm (ftKB)	Date
NIORRARA, ORIGINAL HOLE	24	6,488.00	6,500.00	6/2/2010
NIORRARA, ORIGINAL HOLE	24	6,581.00	6,593.00	6/2/2010
NIORRARA, ORIGINAL HOLE	24	6,654.00	6,666.00	6/2/2010
CODELL, ORIGINAL HOLE	28	6,757.00	6,763.00	5/18/2010
Total (Sum)	100			

Job Supply Amounts					
Supply Item Des	Type	Uni...	Job Category	Total...	Total...

Daily Cost Breakdown by Category		
Sum of Field Est...	Cost Description	Note
1,350.00	Downhole	
Sum of Field Est...	Downhole	Note RIG
10,305.50	Downhole	
Sum of Field Est...	Downhole	Note MOVE EQUIPMENT
1,250.00	Downhole	
Sum of Field Est...	Downhole	Note FLUIDS
1,000.00	Downhole	
Sum of Field Est...	Downhole	Note HAUL FLUIDS OFF
750.00	Downhole	
Sum of Field Est...	Downhole	Note TRANSFER FLUIDS
750.00	Downhole	
Sum of Field Est...	Downhole	Note TOILET
1,050.00	Downhole	
Sum of Field Est...	Downhole	Note FLOAT 209
1,000.00	Downhole	
Sum of Field Est...	Downhole	Note SPOOL & TIW VALVES
1,460.00	Downhole	
Sum of Field Est...	Downhole	Note CIBP & 2 SKS CEMENT
3,200.00	Downhole	
Sum of Field Est...	Downhole	Note DISPOSAL OF FLUIDS
200.00	Downhole	
Sum of Field Est...		
22,315.50		