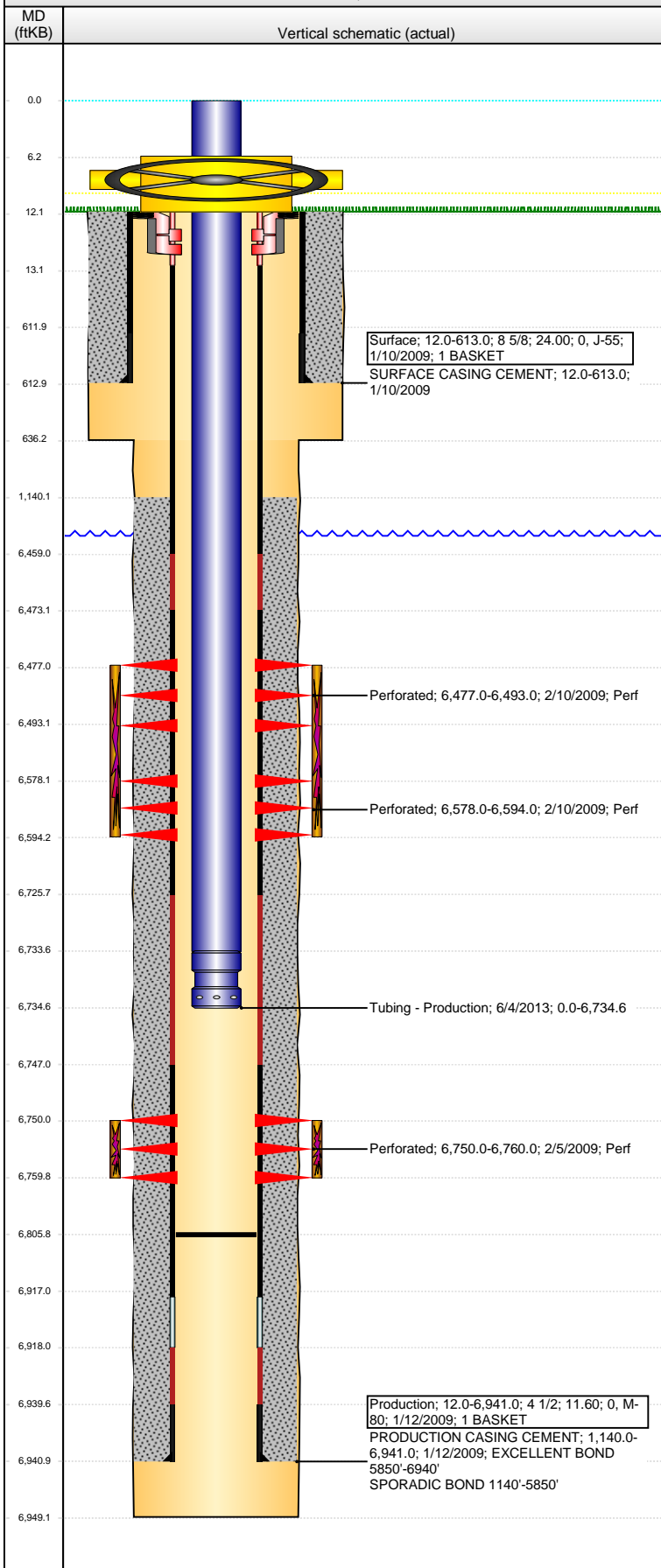


Well Name: BASHOR STATE AA16-07

VERTICAL - ORIGINAL HOLE, 10/4/2016 11:37:48 AM



Well Header

API 05-123-29256	Business Unit DJ BASIN	District 15	Well Config VERTICAL
Original KB Elevation (ft) 4,697	KB - GL / MSL (ftKB) 12.00	Spud Date 1/9/2009	P & A Date
Comment			

Directions To Well

BASHOR STATE AA16-08; WCR 67 & 68, W 0.8, N 0.5. E 0.2 THRU FARMYARD. NE 0.2 INTO LOCATION.

Congressional Location

Quarter 3 SW	Quarter 4 NE	Section 16	Township 6 N	Twship N/S Dir N	Range 63 W	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
1/12/2009	6,918.0	CASING TALLY	DRILL CIFTW W/ BURN SHOE AND CHASE DOWN...
3/4/2009	6,834.0	TUBING TALLY	
2/20/2013	6,829.0	TAG	
6/4/2013	6,805.8	TBG TAG	

Wellbore Sections

Section Des	Size (in)	Act Top, MD (ftKB)	Act Btm, MD (ftKB)
SURFACE	12 1/4	12	636
PRODUCTION	7 7/8	636	6,949

Zone Statuses

Zone Name	Status Date	Status	Fluid Type	Job	Prod Method
CODELL	2/14/2009	PR		DRILLING - OR...	
NIOBRARA	2/14/2009	PR		DRILLING - OR...	

Casing Strings

Surface, 613.0ftKB

Casing Description	Run Date	OD (in)	Wt/Len (l...)	Grade	Top, MD (ft...)	MD (ftKB)
Surface	1/10/2009	8 5/8	24.00	J-55	12.0	613.0

Production, 6,941.0ftKB

Casing Description	Run Date	OD (in)	Wt/Len (l...)	Grade	Top, MD (ft...)	MD (ftKB)
Production	1/12/2009	4 1/2	11.60	M-80	12.0	6,941.0

Cement

Description	Top Depth (ftKB)	Bottom Depth (ftKB)
SURFACE CASING CEMENT	12.0	613.0
Description	Top Depth (ftKB)	Bottom Depth (ftKB)
PRODUCTION CASING CEMENT	1,140.0	6,941.0

Tubing Strings

Tubing Description	Run Date	String...	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Set De...
Tubing - Production	3/6/2009	2 3/8	1.995	4.70	J-55	6,729.53	
Tubing - Production	2/21/2013	2 3/8	1.995	4.70	J-55	5,805.64	5,815.0
Tubing - Production	6/4/2013	2 3/8	1.995	4.70	J-55	6,734.58	

Tubing Components

Item Des	OD (in)	Wt (lb/ft)	Grade	Jts	Len (ft)	Btm (ftKB)	Btm (TVD) (ftKB)
EUE 8rd Tubing	2 3/8	4.70	J-55	221	6,733.58	6,733.6	
Notch Seat Nipple	2 3/8	1.10	N-80	1	1.00	6,734.6	

Perforation Data

Zone	Bnch/St g	Entered Shot Total	Top (ftKB)	Btm (ftKB)	Date
NIOBRARA, ORIGINAL HOLE	A	32	6,477.00	6,493.00	2/10/2009
NIOBRARA, ORIGINAL HOLE	B	32	6,578.00	6,594.00	2/10/2009
CODELL, ORIGINAL HOLE		40	6,750.00	6,760.00	2/5/2009

Well Name: BASHOR STATE AA16-07

VERTICAL - ORIGINAL HOLE, 10/4/2016 11:37:51 AM

Stimulations & Treatments

Date 2/10/2009	Zone CODELL, ORIGINAL HOLE	Primary Job Type DRILLING - ORIGINAL
Technical Result Success	Tech Result Details According to Plan	Tech Result Note

Comment
(CODELL): REVERSE STEP RATE RESULTS PO 14 NWB 161 PSI WB 246 PSI PPF 178 PSI FOR A TOTAL OF 585 PSI OF TOTAL FRICTION PAD SAMPLE WAS BROUGHT TO VAN WITH THE 1 PSA SAMPLE DURING THE 2 PSA STAGE THE PAD SAMPLE LOOKED TERRIBLE I ASK WHY WAS I NOT INFORMED IF THERE WAS A PROBLEM DID NOT GET A GOOD ANSWER THEY SAID THE CHEMICLS MAY HAVE NOT BEEN LINED OUT AND WE GOT THE SAMPLE TO EARLY IN THE STAGE HAD PUMPS KICKING OUT DURING FLUSH AT 3800 PSI AVG VISC 29.3 CPS AVG TEMP 65F AVG PH 10.09 POST JOB 5 MINUTE OF 3122 PSI

Date 2/10/2009	Zone NIOBRARA, ORIGINAL HOLE	Primary Job Type DRILLING - ORIGINAL
Technical Result Success	Tech Result Details According to Plan	Tech Result Note

Comment
(NIOBRARA): TREATMENT WENT WELL AVG VISC 25.5 CPS AVG TEMP 6.2F AVG PH 10.11 POST JOB 5 MINUTE OF 3192 PSI

Other In Hole

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

Logs

Date	Type	Top, MD (ftKB)	Btm, MD (ftKB)
1/12/2009	Caliper/comp. Density/Neutron/GR/SP/ML	2,750.0	6,953.0
1/12/2009	DIL/GR/SP/Caliper	613.0	6,953.0
2/3/2009	CBL/CCL/GR	910.0	6,914.0

