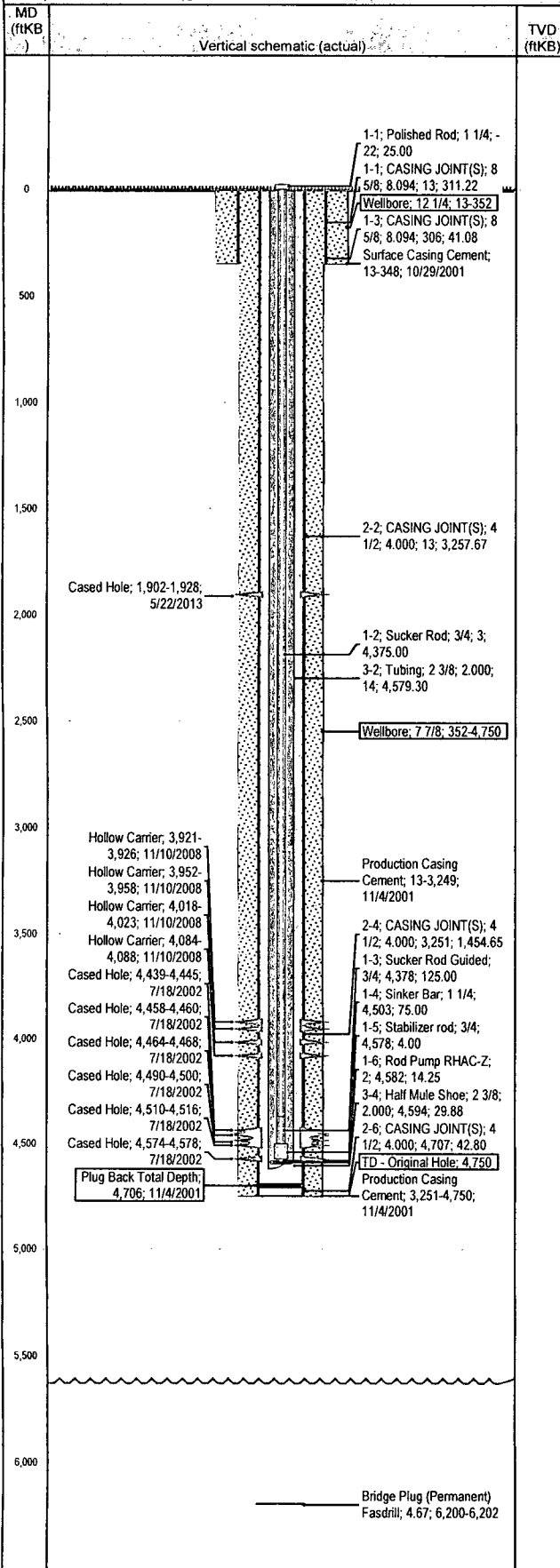




Wellbore Schematic

Well Name LM Barton 1C	Lease Four Star L.M. Barton	Field Name Blanco Mesa Verde	Business Unit Mid-Continent
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Original Hole, 7/29/2013 11:20:44 AM.



Job Details

Job Category	Start Date	Release Date
Major Rig Work Over (MRWO)	5/7/2013	5/23/2013
Major Rig Work Over (MRWO)	5/23/2013	6/26/2013

Casing Strings

Csg Des	OD (in)	Wt/Len (lb/ft)	Grade	Top Thread	Set Depth (MD) (ftKB)
Surface	8 5/8	24.00	K-55		348
Production Casing	4 1/2	11.60	J-55		4,750

Tubing Strings

Tubing - Production set at 4,624.1ftKB on 6/25/2013 00:00

Tubing Description		Run Date		String Length (ft)		Set Depth (MD) (ftKB)	
Tubing - Production		6/25/2013		4,611.08		4,624.1	
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Btm (ftKB)	
Tubing Hanger		4 1/2			0.80	13.8	
Tubing		2 3/8	4.70	J-55	4,579.30	4,593.1	
Seat Nipple		2 3/8			1.10	4,594.2	
Half Mule Shoe		2 3/8			29.88	4,624.1	

Rod Strings

3/4" rod string on 6/26/2013 12:00

Rod Description		Run Date		String Length (ft)		Set Depth (ftKB)	
3/4" rod string		6/26/2013		4,618.25		4,596.0	
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Btm (ftKB)	
Polished Rod	1	1 1/4			25.00	2.8	
Sucker Rod	175	3/4	1.63	D	4,375.00	4,377.8	
Sucker Rod Guided	5	3/4	1.63	D	125.00	4,502.8	
Sinker Bar	3	1 1/4	4.17		75.00	4,577.8	
Stabilizer rod	1	3/4			4.00	4,581.8	
Rod Pump RHAC-Z		2			14.25	4,596.0	

Perforations

Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Entered Shot Total	Zone & Completion
5/22/2013	1,902.0	1,928.0	4.0		Point Lookout, Original Hole
11/10/2008	3,921.0	3,926.0	2.0		Menefee, Original Hole
11/10/2008	3,952.0	3,958.0	2.0		Menefee, Original Hole
11/10/2008	4,018.0	4,023.0	2.0		Menefee, Original Hole
11/10/2008	4,084.0	4,088.0	2.0		Menefee, Original Hole
7/18/2002	4,439.0	4,445.0			Point Lookout, Original Hole
7/18/2002	4,458.0	4,460.0			Point Lookout, Original Hole
7/18/2002	4,464.0	4,468.0			Point Lookout, Original Hole
7/18/2002	4,490.0	4,500.0			Point Lookout, Original Hole
7/18/2002	4,510.0	4,516.0			Point Lookout, Original Hole
7/18/2002	4,574.0	4,578.0			Point Lookout, Original Hole

Other Strings

Run Date	Pull Date	Set Depth (ftKB)	Com

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Pull Date	Com
Bridge Plug (Permanent)	4,210.0	4,212.0	11/7/2008	6/24/2013	
Bridge Plug (Permanent) Fasdrill	6,200.0	6,202.0	5/17/2013		