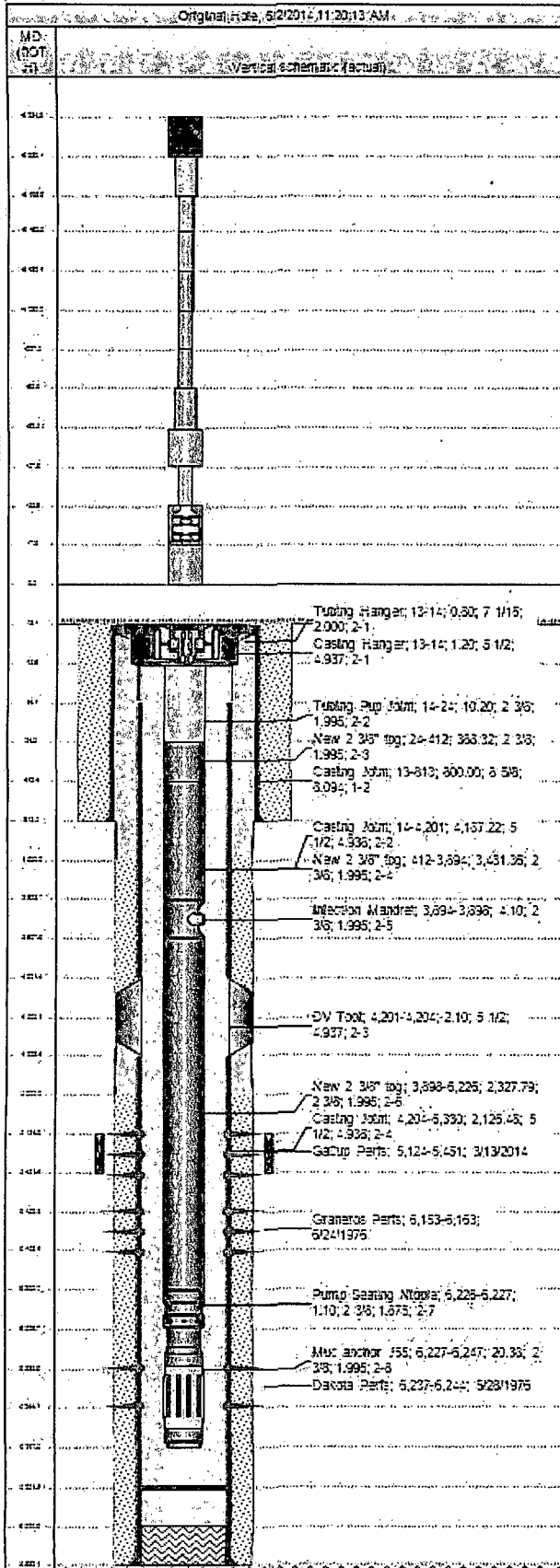




Wellbore Schematic

Well Name: Navajo 1-3	Field Name: Navajo "I"	Field Name: Basin(New Mexico)	Business Unit: Mid-Continent
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Job Details						
Job Category			Start Date		Release Date	
Major Rig Work Over (MRWO)			3/8/2014		3/18/2014	
Major Rig Work Over (MRWO)			4/2/2014		4/4/2014	
Major Rig Work Over (MRWO)			4/4/2014		4/11/2014	
Major Rig Work Over (MRWO)			5/16/2014		5/29/2014	
Casing Strings						
Casing Desc	OD (in)	WT (lb/ft)	Grade	Top Thread	Set Depth (MD) (ft)	Set Depth (NOTH)
Surface	8 5/8	24.00	J-55			813
Production Casing	5 1/2	15.50	J-55			6,330
Tubing Strings						
Tubing set at 6,247.1ftOTH on 5/27/2014 07:00						
Tubing Description	Run Date	String Length (ft)	Set Depth (MD) (ft)	Set Depth (NOTH)		
Tubing	5/27/2014	6,234.05		6,247.1		
Item Desc	Qty	OD (in)	WT (lb/ft)	Grade	Len (ft)	Strn (NOTH)
Tubing Hanger		7 1/16			0.80	13.8
Tubing Pup Joint		2 3/8			10.20	24.0
New 2 3/8" tbg	12	2 3/8	4.70	L-80	388.32	412.3
New 2 3/8" tbg	108	2 3/8	4.70	L-80	3,481.35	3,893.7
Injection Mandrel		2 3/8			4.10	3,897.8
New 2 3/8" tbg	73	2 3/8	4.70	L-80	2,327.79	6,225.6
Pump Seating Nipple		2 3/8			1.10	6,226.7
Muc anchor J55		2 3/8			20.38	6,247.1
Rod Strings						
3/4" & 7/8" rod string on 5/29/2014 10:00						
Rod Description	Run Date	String Length (ft)	Set Depth (MD) (ft)	Set Depth (NOTH)		
3/4" & 7/8" rod string	5/29/2014	6,235.00		0.0		
Item Desc	Qty	OD (in)	WT (lb/ft)	Grade	Len (ft)	Strn (NOTH)
kb		2			13.00	6,222.0
Polished Rod		1 1/4			26.00	6,196.0
Pony Rod 6ft		7/8		T78	6.00	6,190.0
Pony Rod 8ft		7/8		T78	8.00	6,182.0
Sucker Rod	84	7/8		T54	2,100.00	4,082.0
Sucker Rod	155	3/4		T54	3,875.00	207.0
Sucker Rod Guided	5	3/4		T54	125.00	82.0
Sinker Bar	2	1 1/4	4.17		50.00	32.0
Stabilizer Bar 4ft	1	2	10.68		4.00	28.0
Pony Rod	1	3/4	10.68		2.00	26.0
Rod Insert Pump		2			18.00	8.0
Mule shoe dip tube		2			8.00	0.0
Perforations						
Date	Top (NOTH)	Strn (NOTH)	Shot Size (mesh)	Entered Shot Total	Zone & Completion	
3/13/2014	5,124.0	5,451.0	2.0	138	Gallup, Original Hole	
6/24/1976	6,153.0	6,163.0			Graneros, Original Hole	
5/28/1976	6,237.0	6,244.0			Dakota, Original Hole	
Other Strings						
Run Date	PID Date	Set Depth (NOTH)	Com			
5/27/2014		412.3	End of cap string @412' (12jts) - left banded to tubing but is not connected to hanger			
Other In-Hole						
Desc	Top (NOTH)	Strn (NOTH)	Run Date	PID Date	Com	
Packer	4,176.0	4,339.0	4/3/2014	5/17/2014	5-1/2" frac liner w/ 5jts 2-7/8" as spacer	
Bridge Plug (Permanent) Fasdrill	6,050.0	6,053.0	3/12/2014	5/18/2014	Composite bridge plug, wireline set	
Baker Model D Packer	6,216.0	6,222.0	6/22/1976	3/8/2014	RIH to retrieve & did not find plug on 3-10-14	