



# P&A Wellbore For State

Well Name: HARPER USX EE27-10

Original Hole [Land]		Well Header									
MD (ftK B)	Vertical schematic (actual)	Surface UWI 0512324565			Business Unit Rockies		Gov Auth Dist		Prod Tree Loc Land		
		Orig. KB to Gnd (ft) 14.00		Original Spud Date 1/14/2007		Abandon Date		Well Sub-Status SI		High...	
		Comment DISCREPANCIES: -DRL RPT SPUD 1/14/2007, ST RPT SPUD 1/15/2007. USED DRL RPT. -LOGGER'S TD 7331, DRILLER'S TD & ST RPT 7328. USED DRL TD. -SFC CSG SET DEPTH PER STATE @ 625' & 628', PER DRL RPT @ 613', DRL RPT STATES THEY RAN 613' OF CSG. AIR GAP = 14. USED SET DEPTH OF 627' (613' + 14).									
		Surface Location (Congressional)									
		Qtr 3 NW	Qtr 4 SE	Section 27	Twنشp 7	Twنش... N	Range 65	Rng E/... W	Latitude (°) 40.54433171 1	Longitude (°) -104.64730856	
		Wellbore Sections									
		Section Des			Hole Size (in)		Top Depth (ftKB)		Btm Depth (ftKB)		
		SURFACE			12 1/4		14.0		638.0		
		PRODUCTION			7 7/8		638.0		7,328.0		
		Casing Strings									
		Csg Des			Run Date		OD (in)	Wt/Len (lb/ft)	Grade	Top Depth (MD) (ftKB)	Set Depth (MD) (ftKB)
		Surface			1/15/2007		8 5/8	24.00	J-55	14	627
		Production Casing			1/19/2007		4 1/2	11.60	M-80	13.9	7322.6
		Cement									
		Des					Start Date		Top (ftKB)		Btm (ftKB)
		Surface Casing Cement					1/15/2007		14.0		627.0
		Production Casing Cement					1/20/2007		2,406.0		7,322.6
		Zone Statuses									
		Zone Name		Status Date		Status	Fluid Type		Job		Prod Method
		CODELL		6/3/2014		PR	Water				Flowing
		CODELL		5/9/2017		SI					
		NIOBRARA		6/3/2014		PR	Water				Flowing
		NIOBRARA		6/3/2014		PR	Water				Flowing
		Perforation Data									
		Linked Zone			Explosive Type	Entered Shot Total		Top (ftKB)		Btm (ftKB)	Date
		CODELL, Original Hole				56		7,166.0		7,180.0	2/1/2007
		Stim/Frac Stage									
		Zone				Start Date		Top (ftKB)		Btm (ftKB)	
		CODELL, Original Hole				2/21/2007		7,166.0		7,180.0	
		Other In Hole									
		Run Date		Des			Make		OD (in)	Top (ftKB)	Btm (ftKB)
		Logs									
		Date		Type					Depth Top (MD) (ftKB)		Btm (ftKB)
		1/20/2007		COMPENSATED DENSITY					2,900		7,311.0
		1/20/2007		INDUCTION					628		7,331.0
		1/31/2007		CBL/CCL/GR					2,200		7,275.0
		Wellbore Plug Back Total Depths									
		Date		Type		Com				PBTD (ftKB)	
		1/19/2007		FLOAT COLLAR		TOP OF FLOAT COLLAR				7,307	
		1/31/2007		FILL		DEPTH LOGGER ON CBL				7,278	

14.1

625.7

627.0

638.1

827.1

2,405.8

2,511.2

2,610.9

2,612.9

6,790.0

6,815.9

7,089.9

7,116.1

7,166.0

7,180.1

7,277.9

7,305.8

7,306.8

7,321.2

7,322.5

7,328.1

Surface Casing Cement, Casing, 1/15/2007 00:00; 14-627; 2007-01-15

Production Casing Cement, Casing, 1/20/2007 00:00; 2406-7322.6; 2007-01-20; SPORADIC BOND 4909'-6100'

7,166.0-7,180.0ftKB on 2/1/2007 00:00 (Perforated); 7166-7180; 2007-02-01

Production Casing Cement, Casing, 1/20/2007 00:00 (plug); 7278-7322.6; 2007-01-20; SPORADIC BOND 4909'-6100'