



P&A Wellbore For State

Well Name: HEINZE USX AB29-15

Original Hole [Land]		Well Header									
MD (ftK B)	Vertical schematic (actual)	Surface UWI 0512333390				Business Unit Rockies		Gov Auth Dist		Prod Tree Loc Land	
		Orig. KB to Gnd (ft) 13.00		Original Spud Date 1/18/2012		Abandon Date		Well Sub-Status PR		High...	
										N	
		Surface Location (Congressional)									
		Qtr 3 SW	Qtr 4 SE	Section 29	Twnshp 7	Twnsh...	Range 64	Rng E/...	Latitude (°) 40.53844869	Longitude (°) -104.571680184	
		Wellbore Sections									
		Section Des			Hole Size (in)		Top Depth (ftKB)		Btm Depth (ftKB)		
		SURFACE			12 1/4		13.0		847.0		
		PRODUCTION			7 7/8		847.0		7,267.0		
		Casing Strings									
		Csg Des		Run Date		OD (in)	Wt/Len (lb/ft)	Grade	Top Depth (MD) (ftKB)	Set Depth (MD) (ftKB)	
		Surface		1/19/2012		8 5/8	24.00	J-55	13	837	
		Production Casing		1/22/2012		4 1/2	11.60	M-80	13	7257	
		Cement									
		Des				Start Date		Top (ftKB)		Btm (ftKB)	
		Surface Casing Cement				1/19/2012		13.0		837.0	
		Production Casing Cement				1/22/2012		2,190.0		7,257.0	
		Zone Statuses									
		Zone Name	Status Date	Status	Fluid Type	Job				Prod Method	
		CODELL	3/14/2012	PR	Water	DRILLING/COMPLETION - ORIGINAL, 1/17/2012...				Flowing	
		CODELL	4/24/2017	PR							
		NIOBRARA	3/13/2012	PR							
		NIOBRARA	3/14/2012	PR		DRILLING/COMPLETION - ORIGINAL, 1/17/2012...					
		Perforation Data									
		Linked Zone		Explosive Type	Entered Shot Total	Top (ftKB)		Btm (ftKB)		Date	
		NIOBRARA, Original Hole		A	25	6,797.0		6,809.0		2/15/2012	
		NIOBRARA, Original Hole		B	25	6,919.0		6,931.0		2/15/2012	
		CODELL, Original Hole			60	7,084.0		7,099.0		2/10/2012	
		Stim/Frac Stage									
		Zone			Start Date		Top (ftKB)		Btm (ftKB)		
		NIOBRARA, Original Hole			2/15/2012		6,797.0		6,931.0		
		CODELL, Original Hole			2/15/2012		7,084.0		7,099.0		
		Other In Hole									
		Run Date		Des		Make		OD (in)	Top (ftKB)	Btm (ftKB)	
		Logs									
		Date		Type				Depth Top (MD) (ftKB)		Btm (ftKB)	
		1/22/2012		SPECTRAL DENSITY/Pe/DSN NEUTRON/SP/ARRAY COMPENSATED TRUE RESISTIVITY				838		7,262.0	
		1/22/2012		SPECTRAL GAMMA RAY				838		7,262.0	
		2/6/2012		CBL/CCL/GR/VDL				1,200		7,175.0	
		Wellbore Plug Back Total Depths									
		Date		Type		Com				PBTD (ftKB)	
		2/6/2012		FILL		DEPTH LOGGER ON CBL				7,175	
		2/24/2012		FILL		DRILLED OUT PLUGS & C/O TO PBTD, PUMPED OFF BIT & S...				7,202	

13.1
791.7
792.7
836.0
836.9
847.1
1,036.1
1,037.1
2,190.0
2,505.9
2,606.0
3,651.9
3,678.1
6,721.1
6,747.0
6,760.8
6,780.8
6,796.9
6,809.1
6,919.0
6,931.1
7,031.5
7,045.3
7,066.9
7,067.9
7,068.9
7,084.0
7,099.1
7,201.8
7,211.9
7,212.3
7,213.3
7,255.9
7,256.9
7,267.1

Surface Casing Cement,
Casing, 1/19/2012 10:00; 13-837; 2012-01-19 10:00

Production Casing Cement,
Casing, 1/22/2012 10:00; 2190-7257; 2012-01-22 10:00

6,797.0-6,809.0ftKB on
2/15/2012 13:10
(Perforated); 6797-6809;
2012-02-15 13:10
6,919.0-6,931.0ftKB on
2/15/2012 13:09
(Perforated); 6919-6931;
2012-02-15 13:09

7,084.0-7,099.0ftKB on
2/10/2012 10:00
(Perforated); 7084-7099;
2012-02-10 10:00

Production Casing Cement,
Casing, 1/22/2012 10:00
(plug); 7212-7257; 2012-01-22 10:00