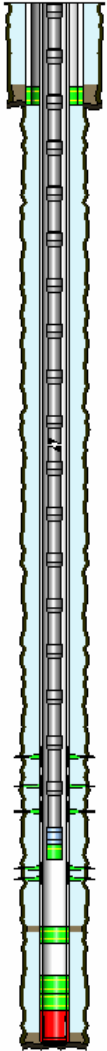


**Well Name:** DECHANT 27-12  
**WINS No:** E2411  
**API No:** 0512332976  
**State:** COLORADO  
**County:** WELD  
**Field Name:** WATTENBERG  
**Well Directions** WCR 22 & WCR 49, N 5/10, W 400' INTO

**Location Description** SE NE 12 2N 65W 1,897' FNL 304' FEL  
**Working Interest** 100.00  
**Spud Date:** 10/19/2011  
**Ground Elevation:** 4897  
**KB Height:** 4912  
**TD Date:** 10/23/2011

**TD:** 8189  
**TVD:** 7745  
**PBTD:** 8156  
**PB TVD:** 7715



HOLE SECTIONS					LOGGING DATA									
HOLE SECTIONS	Size	Top	Btm	TD Date	Date	Tool Description	MD Top	MD Base						
SURFACE	12.250	15	843	10/20/2011		CALIPER								
PRODUCTION	7.875	843	8189	10/24/2011		COMPENSATED DENSITY COMPENSATED NEUTRON DUAL INDUCTION LOG GAMMA RAY MUD LOG								
CASING/TUBING/WELLBORE EQUIPMENT DATA														
TUBULARS	Tool Type	Joints	Size	Weight	Grade	Thread	Top D	Btm D	Burst	Collapse	Capacity	Length	ID	Drift ID
<b>SURFACE CASING</b>														
	Casing	19	8.625	24.00	J55	BTC	15	832				816.85	8.087	0.000
	Saw Tooth Shoe	1	8.625	24.00	J-55	BTC	832	833				1.00	8.097	0.000
<b>PRODUCTION CASING</b>														
	Casing	188	4.500	11.60	I-80	LT&C	15	7905				7,889.52	4.000	0.000
	Cement Stage Too	1	4.500	11.60	I-80	LT&C	7905	7928				23.57	4.000	0.000
	Casing	6	4.500	11.60	I-80	LT&C	7928	8156				228.31	4.000	0.000
	Latch Down Baffle	1	4.500	11.60	I-80	LT&C	8156	8156				0.01	4.000	0.000
	Shoe Joint	1	4.500	11.60	I-80	LT&C	8156	8174				17.45	4.000	0.000
	Casing Float Shoe	1	4.500	11.60	I-80	LT&C	8174	8176				1.80	4.000	0.000
<b>PRODUCTION TUBING</b>														
	Tubing	241	2.375	4.70	J-55	xternal-Up	15	7547				7,531.53	1.995	1.901
	Seating Nipple	1					7547	7548				1.00		
	Notched Collar	1					7548	7549				1.00		
CEMENT INFORMATION														
CEMENT JOBS	Stage	Cement Jobs	Sacks	Returns	Displ. Fluid	Top D	Btm D	cbl						
<b>SURFACE CASING</b>														
	PRIM CMT 1ST STAGE	TAIL	TYPE 3	530	5.00	15	832	No						
<b>PRODUCTION CASING</b>														
	PRIM CMT 1ST STAGE	TAIL	50/50 POZ-MIX	44		7,910	8,175	Yes						
	PRIM CMT 2ND STAGE	LEAD	PREMIUM LITE	815		902	7,020	Yes						
	PRIM CMT 2ND STAGE	TAIL	50/50 POZ-MIX	168		7,020	7,902	Yes						

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FORMATION TOPS					PUMP EQUIPMENT							
Strat Unit	Formation	MD Top	MD Base	Comments	Type	Description						
	FOX HILLS											
	SURFACE											
	FORT HAYS			PROGNOSED								
	J SAND			PROGNOSED								
	DAKOTA											
	GREELEY											
	LAKOTA											
	CODELL			PROGNOSED								
	SHANNON UPPER											
	PARKMAN			PROGNOSED								
	TEPEE BUTTES											
	SUSSEX			PROGNOSED								
	NIOBRARA			PROGNOSED								
PERFORATIONS												
Date	Formation	Zone	Top	Btm	SPF	No. Holes	Diameter	Phasing	Reason	Status	Comments	
12/07/2011	NIOBRARA	B	7322	7332	3	30	0.42	120	PRODUCTION	OPEN	IPS, Dave	
12/07/2011	NIOBRARA	C	7424	7434	2	20	0.42	120	PRODUCTION	OPEN		
12/07/2011	NIOBRARA	C	7486	7490	3	12	0.42	120	PRODUCTION	OPEN		
12/02/2011	CODELL		7578	7594	4	64	0.38	120	PRODUCTION	OPEN		