

**Well Name: BATTLEMENT MESA 36-23C**

DEVIATED - ORIGINAL HOLE, 8/9/2013 8:38:10 AM

MD (ftKB)	TVD (ftKB)	Incl (°)	DLS	Vertical schematic (actual)
-154	-154	0.0	DLS...	
-140	-140	0.0		
-126	-126	0.0		
-112	-112	0.0		
-98	-98	0.0		
-84	-84	0.0		
-70	-70	0.0		
-56	-56	0.0		
-42	-42	0.0		
-28	-28	0.0		
-14	-14	0.0		
0	0	0.0		
8	8	0.1		
17	17	0.1		
25	25	0.2		
33	33	0.3		
42	42	0.4		
50	50	0.4		
58	58	0.5		
67	67	0.6		
75	75	0.7		
83	83	0.7		
92	92	0.8		
100	100	0.9		
371	371	2.8		
642	641	5.9		
913	909	9.0		
1,183	1,177	10.3		
1,454	1,442	11.2		
1,725	1,708	12.1		
1,996	1,972	13.4		
2,267	2,234	15.4		
2,538	2,496	14.1		
2,808	2,759	13.4		
3,079	3,023	12.8		
3,350	3,287	12.8		
3,364	3,301	12.8		
3,378	3,314	12.8		
3,392	3,328	12.8		
3,406	3,341	12.8		
3,420	3,355	12.8		
3,434	3,369	12.8		
3,448	3,382	12.8		
3,462	3,396	12.8		
3,476	3,410	12.8		
3,490	3,423	12.8		
3,504	3,437	12.8		

## Well Header

API	Business Unit	District	Well Config
05-045-15471	ROCKIES	14	DEVIATED
Original KB Elevation (ft)	KB - GL / MSL (ftKB)	Spud Date	P & A Date
8,921.00	20.00	6/27/2008	
Comment			

## Directions To Well

## Congressional Location

Quarter 1	Quarter 2	Quarter 3	Quarter 4	Section	Township	Twnshp N...	Range	Rng E/W Dir
		NW	SW	36	7	S	95	W

## Bottom Hole Location

North-South Distance (ft)	From N or S Line	East-West Distance (ft)	From E or W Line
1,779.0	FSL	2,049.0	FWL

## Plug Back Total Depths

Date	Depth (ftKB)	Method	Com

## Wellbore Sections

Section Des	Size (in)	Act Top (ftKB)	Act Btm (ftKB)
SURFACE	14 3/4	0.0	3,350.0

## Zone Statuses

Zone Name	Status Date	Status	Job

## Casing Strings

### Conductor, 100.0ftKB

Casing Description	Run Date	OD (in)	Wt/Len (l...	Grade	Top (ftKB)	MD (ftKB)
Conductor	6/28/2008	20	94.00	J-55	0.0	100.0

### Cement

Description	Top Depth (ftKB)	Bottom Depth (ftKB)
Conductor Cement	0.0	100.0

## Tubing Components

Item Des	OD (in)	Wt (lb/ft)	Grade	Jts	Len (ft)	Btm (ftKB)	Btm (TVD) (ftKB)

## Perforation Data

Zone	Bnch/St g	Entered Shot Total	Top (ftKB)	Btm (ftKB)	Date

## Other In Hole

Run Date	Des	OD (in)	Top (ftKB)	Btm (ftKB)

## Logs

Date	Type	Top (ftKB)	Btm (ftKB)