

Project: MONTEZUMA COUNTY, COLORADO
 Site: ROSE 2-29-38-16 pad
 Well: ROSE 2S-29-38-16
 Wellbore: ROSE 2S-29-38-16
 Design: ROSE 2S-29-38-16
 Lat: 37° 31' 45.047 N
 Long: 108° 38' 4.236 W
 GL: 7027.00
 KB: WELL @ 7043.00ft (L&W #1)

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5327.55	0.00	0.00	5327.55	0.00	0.00	0.00	0.00	0.00	Start Build 12.00
6060.27	87.93	204.00	5804.70	-420.41	-187.18	12.00	204.00	433.85	Start 25.00 hold at 6060.27 MD
6085.27	87.93	204.00	5805.61	-443.23	-197.34	0.00	0.00	457.40	Start DLS 3.00 TFO -90.44
6884.57	87.93	180.01	5834.95	-1218.82	-362.23	3.00	-90.44	1243.57	Start 3371.11 hold at 6884.57 MD
10255.68	87.93	180.01	5956.91	-4587.73	-362.55	0.00	0.00	4602.03	TD at 10255.68

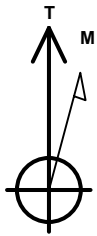
WELL DETAILS: ROSE 2S-29-38-16

Ground Level: 7027.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	329299.38	1091188.92	37° 31' 45.047 N	108° 38' 4.236 W	

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape Point
PBHL ROSE 2S-29-38-16	5956.91	-4587.73	-362.55	37° 30' 59.688 N	108° 38' 8.736 W	



Azimuths to True North
 Magnetic North: 10.48°

Magnetic Field
 Strength: 51107.8snT
 Dip Angle: 64.03°
 Date: 6/1/2010
 Model: BGGM2010

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
1243.00	1243.00	ENTRADA
1983.00	1983.00	CHINLE
4149.00	4149.00	HERMOSA
5521.40	5527.17	HATCH
5538.68	5546.24	ISMAY
5577.41	5590.50	HOVENWEEP
5630.70	5656.00	LOWER ISMAY
5726.32	5799.51	GOTHIC
5752.88	5852.33	GOTHIC +25

