

**Magna Energy Services, LLC**  
**23295 LaSalle, CO 80645**  
**(970)-284-5752 or (970)-284-8105 (Fax)**  
**Job Log**

Date: 1/22/2015 -- 1/30/2015  
Operator: Synergy Resources Corporation  
Well Name: Howard 2-27  
Location: Weld County, Colorado  
Legals: NWE, Section: 27, Township: 6 North, Range: 64 West  
API#: 05-123-13325

1/22/2015: MIRU P&A equipment, RU rig, SDFN

1/23/2015: Blow down casing and tubing, Killed well, SDFN

1/26/2015: Blow down casing and tubing, Killed well, NDWH, NUBOP, TOH and tally tubing  
RU wireline, PU CIBP, TIH and set 4-1/2" CIBP at 6,660', TOH, PU CDB, TIH and set 2 sxs on top of CIBP  
TOH, RD wireline, NDBOP, NDWH, Dig out wellhead, SDFN

1/27/2015: Attempted to pump down surface casing valve, Pressured up, Couldn't establish injection rate  
NDWH, Unlanded casing, Worked casing, Casing stuck above 950', Called for orders  
RU wireline, TIH and perf casing at 950', TOH, RD wireline  
Established injection rate but couldn't establish circulation, TIH all tubing, Start TOH to 950', SDFN

1/28/2015: TOH to 950', Loaded hole and establish circulation, Pumped 60 sxs of cement, (Lost circulation halfway)  
TOH to 600', Reverse circulated clean, TOH, RU wireline, PU Tubing Conveyed Perforating gun  
TIH and perf at 600', TOH, RD wireline, Could not establish circulation via perfs, Called for orders, SDFN

1/29/2015: TIH with tubing to 600', Pumped 20 sxs of cement, TOH to 360', Reverse circulated tubing clean  
TOH, RU wireline, PU TCP gun, TIH and perf casing at 355', TOH, RD wireline  
Established circulation via perfs, Circulated 125 sxs of cement to surface, RD rig, SDFN

1/30/2015: Dig out and cut off wellhead, Welded info plate onto casing, Backfill pit, RDMO, P&A complete

\*\*\* All cement is 15.8# Class "G" neat cement \*\*\*

Cementing Contractor: Magna Energy Services  
Cementing Contractor supervisor: Aron Rascon  
Operator Supervisor: Jim Armstrong  
COGCC Representative: Diana Burn  
Wireline Contractor: Magna Energy Services