1445g 270.31 7:21:56 2.41

1460, 270.3 7:27 2.73
USGS Done! 7:27

1461.1 gallons - Total Q pumped
(less volume needed for sampling)
Locker -
MW02 ▽ 830.58 at 7:32pm

4/30/12
MW02 ▽ 651.98 ft btoc 3:00pm
Jerrod Wheeler USGS-Riverton
307-856-3771 *8 R Office
(b)(6) privacy [phone #] Cell

Jeff	Driller
Art	Driller
Scott	Tech
Dave Moff	WY WSC
Keith	~~OCC~~ WY Water Development Com
TOM Crowfatch	OCC
Jim Occonor	WY DEQ
Chris Ryybal	EPA
Jason - Driller	
Peter Wright	USGS

Mar 1, 2012
▽ 1635.47 7:35
CH_4 40.5% in Casing 7:40 AM
West wind picking up.
Water (Riverton Muni) injection
starts at 7:50 AM
- Pump blow seal 8:00 AM $\boxed{Q_{in} \approx 330 \text{ gal}}$
- Cutting protective casing 9:00 AM
- Water tank shows ~170 gals left in tank
Riverton water sample collected
at 9:55 by CK+RR
Porta-potty arrives 11:00 AM
Gray PVC pipe in 10 ft Lengths
5 x 5 ft x 1" SS tube 5.12 Keith's
3 x 10 ft 10.12 59.08
45x20 1 x 3 ft 3.12 905.40
58 total length of pipe 964.48
Inlet 963.86 bgs
- PVC drop tube and pump cable
attached w/ SS hose clamps ~20'
apart or so.
- Water from pump line caught in
5 gal buckets, transferred to waste
tank
17x20 @ 11:50 20.12

Ant's meter shows No CH4 12:05p

Pump out of hole ~1:15pm
Slight sheen on water in waste barrel - doesn't break up - not metals

Bottom of hole tagged at 1:40pm
988.04 + 5 ft = 993.04 TD
Water level in casing at 2:00
▽ 169.64 brew toc
520-170

45 x 20
May 02, 2012 MW02
~~▽ 173.08~~ water level from new TOC
3.44 ft ~~rise~~ drop
Nichole Twing - Camera operator
Grovision camera
Nichole
Camera hung ~~706~~ 706
" " 779
Can see pipe dope on thread at casing joints
967 TOS from top of pulley of camera
985 BOS

987.91 from old 4" TOC, +5ft (prob
+5 992.91 - 3.40 989.51 bgs

Surge in 920 to 910 + 900
Started ~1pm (12:50 pm)

Surge stops 3:40pm

Out of hole 4:50pm
Water level 176.00 btoc (old toc)
at 5:00pm
Bailing starts 5:02 downhole

Bailer catching above water tell.
Clear.
Trying PVC bailer ~5:45p

End ▽ 235.86 ft btoc 7:40p

Compressor leaking antifreeze.
Wiped w/ chemwipes

Demob to Jennings for Cajun 8:00

5/3/12 MW02
Depth to water 234.65 7:20am
No CH4 in casing
Stop & reverse camera ~210 (208 to top of pulley)
Display 235 ft to water
Mirror seen @ ~980
Top of pulley - TD ~988
pulley is 0.6 ft above TOC

- Start bailing ~10:25 AM
Bailer hanging on something in casing

▽ 442 at 4:00pm

▽ 504.30 btoc 5:00 pm
504.5 5:03:30
~~503.5 5:~~
~~Using tag line~~
~~481.64 4:23:30~~ ? bogus
503.7 btoc 4:36:25
TD 988.3+5 -3.4 989.60 bgs

6:00 Demob

5/4/12
Methane is zero according to Arts Meter (IBRID MX6)
▽ 493.3 7:12 AM
Continue Bailing, Check CH4 ~30 mins
No appreciable sed. meet from first bail from the bottom
Jeff Eman can come to Ada next thurs.

~510 gal in Tank 1
Rover for water pumped onto Barley field
Need ~100 gal additional storage to reach bottom, according to Jeff & Keith
0 methane on MX6 @ 3:08p
→ Weathered diesel smell from black muck on bottom
+33 gallons purge water in blue barrel

Total water pumped during develop ~543 gallons

▽ 955.03 ft 6:10 pm
"4 man operation

Jeff Eman
jdeman@usgs.gov

Transducer set at ~765' btoc
Put extra weight/rod on line
but still will not go deeper.

7:50 - demob

Jarrod Wheeler USGS measured
water level on 5/10/12

∇ 820.69 ft btoc 12:08

5/21/12
Jarrod Wheeler tried ∇
Downloads XD's for MW02

∇ 644.72' btoc