

62 Location NPAL Date 7/22/15  
Project / Client 54-24399

Crew: Shendo, Baucom, McDonald  
(Borer)

Weather: Hot, sunny

Equipment: See pg. 10 + packer,  
drill rig, trash pump

Activities: Collect open  
hole packer samples from  
568-608 and 568-  
569.

0700: Shendo asik to  
load truck and calibrate  
mufrane

0800: Baucom + Shendo head  
to TA-54 to meet Duke

0830: Head to TA-54 and  
sign in at PCO. Conduct  
drill rig inspection and  
fill out major equipment  
declarations.

0850: Conduct tailgate  
safety meeting. Focus on  
airhead records.

0900: Set up to sample  
w/ straddle packer. Samples

63 Location NPAL Date 7/22/15  
Project / Client 54-24399

Will be for 568-569  
920 Measure packer.  
tag line will read  
~56432 ft. to get  
us to the 568-569  
interval.

0950 Set straddle  
pack at 568-569 -  
Set up to purge for  
10 minutes

1005 Sampling lines and  
summa set up. Intake  
packers to 140 psi.

1010: Start 10 minute  
purge

1022 collect sample  
MDS4-15-100989

1023 collect FB  
MDS4-15-101010

1024 collect FB  
MDS4-15-101019

1030 pull straddle  
packer and prep  
for single packer



MONT

7/22/15

SY-24399

1031 Deflate straddle  
packer

1107 Straddle packer  
out of borehole. Prep to  
insert single packer.

T. McFarland + S. Rogers  
on site.

1139 Lower single  
packer to 3080 to

collect the total  
open hole sample

1140 Inflate packer to  
300 psi

1153 Start purge for  
60 minutes 30 seconds

new break for lunch

1300 New set up to  
sample.

~~1315 Deflate packer and  
prep to pull sample~~

~~puller from borehole~~

1308 Collect sample.

1315 Deflate packer and  
prep to pull packer.

MDA L

7/22/15

SY-24399

1400 Packer came out  
but there was a tan  
in packer w/ tuff  
rock lodged in (which  
seems to be why it  
held pressure 28) Sample  
probably not valid.

Now reconfigures  
straddle packer to  
run as single packer  
to recollect sample.

1415 Run packer  
back down open hole

1445 Set packer  
at 568, again and

inflate to 140 psi

1447 Start purge  
again purge time is

60 minutes 30 minutes  
seconds

1550 Collect sample  
MDSY-15-100988

Finally

1559 Deflate packer and



Location MDAL Date 7/24/15  
 Project / Client 54-24399

prepare to pull from open  
 borehole

1622. Packer out  
 of borehole. Pack  
 up truck and head  
 to SMO

1635 Head to SMO

1700 unload field equipment at  
 connex at office parking lot.

### Summary:

#### Daily Field Summary Report MDA L Vapor Sampling

Date: 07/22/2015 Crew onsite from 0830-1700

Crew: P. Baucom, M. Shendo, and D. McDonald (Boart Longyear)

Activities completed: The following samples were relinquished to the SMO:

Well	Port Depth (ft)	Analysis	Sample ID	Notes
54-24399	568-608	VOC	MD54-15-100988	
	568-569	VOC	MD54-15-100989	
	568-569	VOC	MD54-15-101010	FD
	568-569	VOC	MD54-15-101019	FB

Plans for Thursday: Vapor sampling at location 54-02089 and 54-24238 (inside fence at MDA L).

Visitors: Sam Rogers and Tracy McFarland.

Notes: Crew found that there was a problem with the single packer when tripped out of the hole. Crew stopped work and figured that the sample may not be valid. Crew reconfigured the straddle packer and tripped it into vapor well to resample depth 568ft to 608ft.

Location MDAL Date 7/23/15  
 Project / Client 54-24238

0700: Shendo oversight  
 to load truck +  
 calibrate Multiflow

0800: P. Baucom + M.  
 Shendo head to TA-64  
 in radio and easy  
 up.

0900 Arrive in at TA-64

0922 oversight inside  
 MDA L. Conduct  
 the site Safety  
 Meeting

0930 Oversight put  
 well 54-24238.

Water in the well.  
 Call SRE to confirm  
 where to place water.  
 Water to be purged  
 and placed w/ SRE  
 unit/ water.

0949 Pump water  
 up wellhead and

to prepare to sample  
 0949/207 # 1(44) Str Fudge