

PETRO-CANADA PROJECT PLAN OUTLINE

Flow line leak

LOCATES CALLED IN
TICKET #

LEASE NAME:

Maio 9-20

8N 59W Sec 20 NESE

DATE: *2/17/09*

LOCATION DIRECTIONS

HWY 14 & 113 1 1/2 N W into

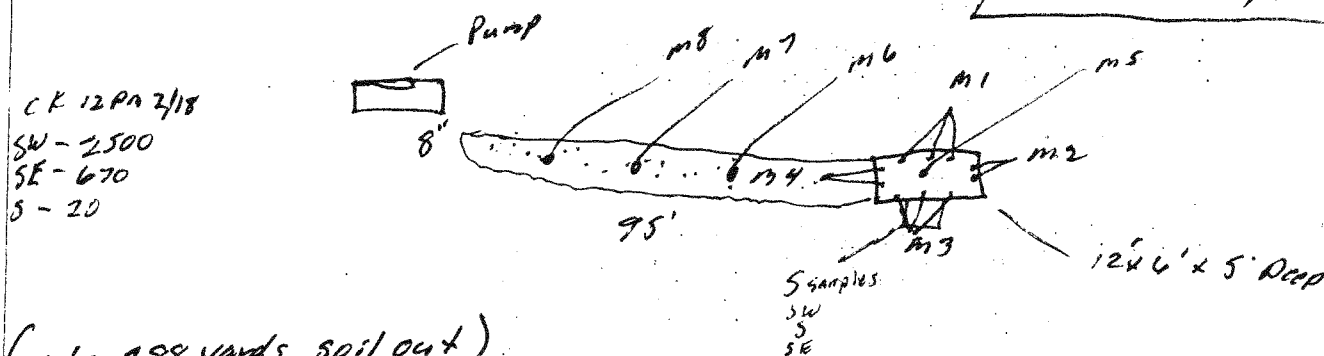
Separator	make-	model-	Ser. Num-
Prod. Tank	make-	model-	Ser. Num-
Bypass tank	<i>2 samples in 1 m1 to m5 / 4 m6 to m8 To wall # Labs</i>		
Water Tank			
Bat. Fittings	<i>Need 200' F/L</i>	<i>Ray</i>	<i>520-1455 prod</i>
Tank Ring	<i>2/19/09 11 AM 17' Deep</i>	<i>30 long 24 wide</i>	<i>12 PM 2/19</i>
Sep Ring	<i>m1 N 80</i>	<i>m5-middle 26 ppm</i>	<i>m2-100</i>
Flair Stack	<i>m2 E 370</i>		
Flair Fittings	<i>m3 S 100</i>		
Drip Pot	<i>m4 W 600 ppm</i>	<input type="checkbox"/> Above Ground	<input type="checkbox"/> Below Ground (fiberglass)
Stairs	<i>(Soil Backin from Fred Marick at Grover</i>		
Well Head Guards			

SKETCH

401 10 H20

PROD. FORMAN
PUMPER *Ray*

*2/20/09 5 samples
to wall Lab all sides
& Bottom 3 to 4 spots mixed
for each sample at walls*



(note 288 yards soil out)

PLAN OF ACTION

2/17/09 5' Down 10:30 12x6' Hole 5' Deep

12:00 AM 21' x 9' Deep 10' wide

m1 North 1100 ppm

m1 N 240

m2 E 600 ppm

m2 E 380

m3 S 1650 ppm

m3 S 1600

m4 W 2000 ppm

m4 W 238

m5 middle 1450

m5 middle 1600

m6 330 ppm

Surface spill 4" Down 25' apart

m6 20

m7 22 ppm

m7 22

m8 16 ppm

m8 16

4:30 12' Deep 22 long 16' wide

m1 N 480 ppm m4 W 400 ppm

m2 E 530 ppm m5 middle 1890 ppm

m3 S 2100 ppm

2/18/09 3 PM 33' long 21' wide 15' Deep

m1 N 480

m2 E 600

m3 S 1450

m4 W 1820 ppm

m5 middle 2600

*1 sample
Surface*

RETURNS CALLED IN

PROJECT PLAN OUTLINE

C25594

Pro Act Grover

LOCATES CALLED IN
TICKET #

LEASE NAME: *Malo 9-20*

DATE: *2/1/09*

LOCATION DIRECTIONS

Hwy 14 + 113 N 1/2 into

☐ Separator make- model- Ser. Num-

☐ Prod. Tank make- model- Ser. Num-

☐ Bypass tank

☐ Water Tank

*18-Belly Dump loads
out 288 yards*

☐ Bat. Fittings

☐ Tank Ring

☐ Sep Ring

☐ Flair Stack

☐ Flair Fittings

☐ Drip Pot

☐ Above Ground

☐ Below Ground (fiberglass)

☐ Stairs

☐ Well Head Guards

SKETCH

PROD. FORMAN
PUMPER

Craig F

2-2" insulated

2-2" welded sweep

2-2" Fig 200

2-2" T

2- Bull Plug

2-2" 90

primer

2x50 PWT

3x20xH sand

2-oil nbs pads

*Rodger & Phil to clean up
Wade to test soil*

yard need

*6 joints 2" Fusion bend
F/L Pipe*

PLAN OF ACTION

*Dig up F/L leak / Build Dirt Berm
line with Plastic Put contaminated soil in Berm
I need to test soil before Back Filling
Haul soil to Ault land fill later*

*Take out 3" line replace with 2" tie in put on insulated
union both ends tie into transfer sep + Treater*

RETURNS CALLED IN

DATE: *2/1/09*

Chain of Custody Record

Weld Laboratories, Inc.

1527 1st Avenue Established 1978

Greeley, CO 80631-5936

Phone: (970)353-8118 Fax: (970) 353-1671

COMPANY NAME Petro Canada CONTACT NAME Wade Fuester

TELEPHONE NO. 539-1721

E-Mail

When done

Project No:		Signature		ANALYSIS																
SAMPLE ID	SAMPLE LOCATION	Composite	Grab	Date	Time	Sample Type				No. of Containers and Type	IRPH									REMARKS
						Water	Liquid	Oil	Solid											
N Wall Clean	Mato 9-20		✓	2/16/09	2pm				✓	1	✓									
S Wall Clean	Mato 9-20		✓	"	"				✓	1	✓									
E Wall Clean	Mato 9-20		✓	"	"				✓	1	✓									
W Wall Clean	Mato 9-20		✓	"	"				✓	1	✓									
Middb Clean	Mato 9-20		✓	"	"				✓	1	✓									
Surface Clean	M6,7,8 Mato 9-20		✓	"	"				✓	1	✓									

COMMENTS:

Relinquished by: (Signature) <u>[Signature]</u>		Received by: (Signature)		Date	Time
Relinquished by: (Signature)		Received by: (Signature)		Date	Time
Dispatched by: (Signature)	Date: <u>2/20/09</u>	Time: <u>10:20</u>	Received for Laboratory by: <u>[Signature]</u>	Date: <u>2/20/09</u>	Time: <u>10:20</u>
Method of Shipment:					

February 24, 2009

Petro Canada
999 18th St Ste 600
Denver, CO 80202

Laboratory No. E9051-2

Date Sampled: 2/19/2009

Date Received: 2/20/2009

Method of Analysis: 418.1

Sample ID	TRPH (mg/kg)
N Wall Clean Malo 9-20	less than 5
S Wall Clean Malo 9-20	less than 5
E Wall Clean Malo 9-20	less than 5
W Wall Clean Malo 9-20	less than 5
Middle Clean Malo 9-20	less than 5
Surface Clean M 6,7,8 Malo 9-20	less than 5

Project Manager

Date