

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 5086
 Name: PINTAIL PETROLEUM, LTD.
 Address: 225 N MARKET SUITE 300
 City/State/Zip: WICHITA, KS 67202
 Purchaser: NA
 Operator Contact Person: FLIP PHILLIPS
 Phone: (316) 263-2243
 Contractor: Name: MURFIN DRLG.
 License: _____
 Wellsite Geologist: FLIP PHILLIPS
 Designate Type of Completion:
 New Well _____ Re-Entry _____ Workover
 _____ Oil _____ SWD _____ SIOW _____ Temp. Abd.
 _____ Gas _____ ENHR _____ SIGW
 Dry _____ Other (Core, WSW, Expl., Cathodic, etc)
 If Workover/Re-entry: Old Well Info as follows:
 Operator: _____
 Well Name: _____
 Original Comp. Date: _____ Original Total Depth: _____
 _____ Deepening _____ Re-perf. _____ Conv. to Enhr./SWD
 _____ Plug Back _____ Plug Back Total Depth
 _____ Commingled _____ Docket No. _____
 _____ Dual Completion _____ Docket No. _____
 _____ Other (SWD or Enhr.?) _____ Docket No. _____
 10/26/2006 11/04/2006
 Spud Date or Date Reached TD Completion Date or
 Recompletion Date Recompletion Date

API No. 15 - 15195224040000
 County: TREGO
 APX NW SE SW Sec. 15 Twp. 15 S. R. 21 East West
1290 feet from S / N (circle one) Line of Section
1860 feet from E / W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: WITTHUHN VW Well #: 1-15
 Field Name: _____
 Producing Formation: NA
 Elevation: Ground: 2242' Kelly Bushing: 2247'
 Total Depth: 4237' Plug Back Total Depth: NA
 Amount of Surface Pipe Set and Cemented at 201 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set _____ Feet
 If Alternate II completion, cement circulated from _____
 feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan PA 114 9-4-08
 (Data must be collected from the Reserve Pit)
 Chloride content 9000 ppm Fluid volume _____ bbls
 Dewatering method used EVAPORATE AND BACKFILL
 Location of fluid disposal if hauled offsite:
 Operator Name: _____
 Lease Name: _____ License No.: _____
 Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
 County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: [Signature]
 Title: GEOLOGIST Date: 1-2-07
 Subscribed and sworn to before me this 2nd day of January,
2007.
 Notary Public: [Signature]
 Date Commission Expires: 12/11/2009



KCC Office Use ONLY

N Letter of Confidentiality Received
 If Denied, Yes Date: _____
 _____ Wireline Log Received **RECEIVED**
 _____ Geologist Report Received **KANSAS CORPORATION COMMISSION**
 _____ UIC Distribution **JAN 03 2007**
 CONSERVATION DIVISION
 WICHITA, KS

Operator Name: PINTAIL PETROLEUM, LTD. Lease Name: WITTHUHN VW Well #: 1-15
 Sec. 15 Twp. 15 S. R. 21 East West County: TREGO

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run:	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td><input checked="" type="checkbox"/> Log</td> <td>Formation (Top), Depth and Datum</td> <td><input type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>ANHYDRITE</td> <td>1584</td> <td>+633</td> </tr> <tr> <td>HEEBNER</td> <td>3631</td> <td>-1384</td> </tr> <tr> <td>LANSING</td> <td>3674</td> <td>-1427</td> </tr> <tr> <td>PAWNEE</td> <td>3927</td> <td>-1680</td> </tr> <tr> <td>FT SCOTT</td> <td>4083</td> <td>-1836</td> </tr> <tr> <td>'B' SAND</td> <td>4094</td> <td>-1847</td> </tr> <tr> <td>KUTINA</td> <td>4184</td> <td>-1901</td> </tr> <tr> <td>MISSISSIPPI</td> <td>4230</td> <td>-1983</td> </tr> </table>	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample	Name	Top	Datum	ANHYDRITE	1584	+633	HEEBNER	3631	-1384	LANSING	3674	-1427	PAWNEE	3927	-1680	FT SCOTT	4083	-1836	'B' SAND	4094	-1847	KUTINA	4184	-1901	MISSISSIPPI	4230	-1983
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CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
SURFACE	12-1/4"	8-5/8"	24#	201'	COMMON	160SX	2% GEL, 3% CC

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record		Depth
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)		

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.			Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	Production Interval
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RECEIVED
KANSAS CORPORATION COMMISSION
JAN 03 2007
CONSERVATION DIVISION
WICHITA, KS

ALLIED CEMENTING CO., INC.

33411

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Russell

DATE <u>10-28-06</u>	SEC. <u>15</u>	TWP. <u>15</u>	RANGE <u>21</u>	CALLED OUT <u>9:30 AM</u>	ON LOCATION <u>9:30 AM</u>	JOB START <u>11:30 AM</u>	JOB FINISH <u>11:45 PM</u>
WITTHUHN LEASE	V-M WELL #	1-15	LOCATION <u>Cedar Bluff Reservoir</u>	CONFIDENTIAL		COUNTY <u>Trego</u>	STATE <u>KANSAS</u>
OLD OR <input checked="" type="radio"/> NEW (Circle one)			<u>S. Side, SE 1/4 S 2 1/2 S & W INTO</u>				

CONTRACTOR MURFIN DRlg Rig #24 OWNER _____

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4 T.D. 201'

CASING SIZE 8 5/8 1000 DEPTH 201'

TUBING SIZE 2 1/2" DEPTH _____

DRILL PIPE DEPTH _____

TOOL DEPTH _____

PRES. MAX MINIMUM _____

MEAS. LINE SHOE JOINT _____

CEMENT LEFT IN CSG. 15'

PERFS. _____

DISPLACEMENT 1.2 / BBL

CEMENT AMOUNT ORDERED 160 SK Com

3% CC

290 gals

COMMON	<u>160</u>	@	<u>1065</u>	<u>1704.00</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>1665</u>	<u>4995</u>
CHLORIDE	<u>5</u>	@	<u>4660</u>	<u>23300</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>168</u>	@	<u>190</u>	<u>31920</u>
MILEAGE	<u>40</u> Ton Mile			<u>604.00</u>
			TOTAL	<u>2910.95</u>

EQUIPMENT

PUMP TRUCK CEMENTER GARY

398 HELPER GARY

BULK TRUCK DRIVER DOUG

378 DRIVER _____

BULK TRUCK DRIVER _____

REMARKS:

Cement Circulated

THANKS

CHARGE TO: PINTAIL Petroleum LTD.

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE 815.00

EXTRA FOOTAGE @ _____

MILEAGE 40 @ 6.00 240.00

MANIFOLD @ _____

TOTAL 1055.00

PLUG & FLOAT EQUIPMENT

8 5/8 WOODEN WIPER PLUG 60.00

@ _____

@ _____

@ _____

@ _____

TOTAL 60.00

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE Anthony Mart...

Great Job Guys

Anthony Mart... RECEIVED
PRINTED NAME _____
KANSAS CORPORATION COMMISSION
JAN 03 2007

ALLIED CEMENTING CO., INC.

33366

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

CONFIDENTIAL

SERVICE POINT: Russell

DATE <u>11-4-06</u>	SEC. <u>15</u>	TWP. <u>15</u>	RANGE <u>21</u>	CALLED OUT	ON LOCATION	JOB START <u>11:00am</u>	JOB FINISH <u>1:30pm</u>
LEASE <u>Withhuhn</u>	WELL # <u>1-15</u>	LOCATION <u>S. side Cedar Bluff SE 235</u>			COUNTY <u>Trego</u>	STATE <u>Kansas</u>	
<input checked="" type="radio"/> OLD OR NEW (Circle one)			<u>Winto</u>				

CONTRACTOR Murfin Drilling Pg 24

TYPE OF JOB Day Hole Plug

HOLE SIZE 78 T.D. 4230

CASING SIZE _____ DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

OWNER _____

CEMENT AMOUNT ORDERED 190 60# 666#

7/16 Fl Seal

COMMON	<u>114</u>	@	<u>10.65</u>	<u>1214.10</u>
POZMIX	<u>76</u>	@	<u>5.80</u>	<u>440.80</u>
GEL	<u>10</u>	@	<u>16.65</u>	<u>166.50</u>
CHLORIDE		@		
ASC		@		
<u>FLOSEA</u>	<u>48#</u>	@	<u>2.00</u>	<u>96.00</u>
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>200</u>	@	<u>1.90</u>	<u>380.00</u>
MILEAGE	<u>94/SK/ mile</u>			<u>720.00</u>
TOTAL				<u>3017.40</u>

EQUIPMENT

PUMP TRUCK CEMENTER Steve

409 HELPER Craig

BULK TRUCK

410 DRIVER Robert

BULK TRUCK

_____ DRIVER _____

REMARKS:

<u>1st Plug @ 1600'</u>	<u>25sk</u>
<u>2nd " " 745'</u>	<u>100 sk</u>
<u>3rd " " 250'</u>	<u>40 sk</u>
<u>4th " " 40'</u>	<u>10 sk</u>
<u>Rest Hole</u>	<u>15 sk</u>

Thank You

CHARGE TO: Protail Petroleum

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>955.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>40</u>	@	<u>6.00</u> <u>240.00</u>
MANIFOLD		@	
		@	
		@	
TOTAL <u>1195.00</u>			

PLUG & FLOAT EQUIPMENT

<u>1 Day Hole Plug</u>	@	<u>35.00</u>
	@	
	@	
	@	
	@	
TOTAL <u>35.00</u>		

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE Anthony Martin

Anthony Martin RECEIVED
PRINTED NAME KANSAS CORPORATION COMMISSION

Wonderfull Sub Gwys

JAN 03 2007

CONSERVATION DIVISION
WICHITA, KS

~~1-2-2008~~

1-2-09

PINTAIL PETROLEUM, Ltd.
225 N. MARKET, STE. 300
WICHITA, KS 67202
(316) 263-2243
(316) 263-6479 FAX

January 2nd 2007

CONFIDENTIAL

Kansas Corporation Commission
Conservation Division
130 S. Market, Room 2078
Wichita, KS 67202

RE: Pintail Petroleum, Ltd.
Witthuhn VM #1-15
1290' FSL, 1860' FWL
Section 15-15S-21W
Trego County, Ks

To Whom It May Concern:

Please keep the information on the Witthuhn VM #1-15 confidential for a period of one year.

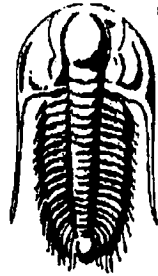
Thank you,



Naomi Hollon
Geologist

RECEIVED
KANSAS CORPORATION COMMISSION
JAN 03 2007
CONSERVATION DIVISION
WICHITA, KS

CONFIDENTIAL



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Pintail Petroleum LTD**

225 N Market Ste 300
Wichita KS67202

ATTN: Flip Phillips

15 15S 21W Trego KS

Witthuhn ' VM ' # 1-15

Start Date: 2006.11.03 @ 02:45:52

End Date: 2006.11.03 @ 12:22:52

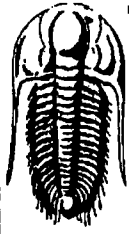
Job Ticket #: 26121 DST #: 1

15-195-22404-0000

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Pintail Petroleum LTD
225 N Market Ste 300
Wichita KS67202
ATTN: Flip Phillips

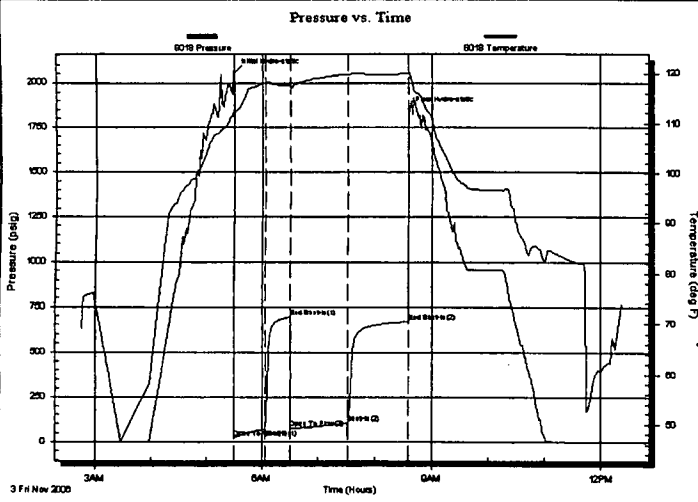
Witthuhn ' VM ' # 1-15
15 15S 21W Trego KS
Job Ticket: 26121 DST#: 1
Test Start: 2006.11.03 @ 02:45:52

GENERAL INFORMATION:

Formation: **Cherokee**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 05:30:22
Time Test Ended: 12:22:52
Interval: **4055.00 ft (KB) To 4087.00 ft (KB) (TVD)**
Total Depth: 4087.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Reference Elevations: 2247.00 ft (KB)
2242.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: **8018** Inside
Press@RunDepth: 101.53 psig @ 4059.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2006.11.03 End Date: 2006.11.03 Last Calib.: 2006.11.03
Start Time: 02:45:57 End Time: 12:22:52 Time On Btm: 2006.11.03 @ 05:29:52
Time Off Btm: 2006.11.03 @ 08:35:21

TEST COMMENT: IF Weak to fair built to 5 "
ISI Dead
FF Weak to fair built to 5 "
FSI Weak surface blow back



PRESSURE SUMMARY

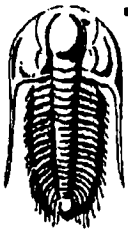
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2057.05	112.60	Initial Hydro-static
1	23.31	112.15	Open To Flow (1)
34	69.72	118.11	Shut-In(1)
60	694.72	117.55	End Shut-In(1)
61	74.07	117.27	Open To Flow (2)
122	101.53	119.73	Shut-In(2)
185	669.01	119.84	End Shut-In(2)
186	1850.54	120.13	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
100.00	SOGCWM 5%O 5%G 30%W 60%M	0.49
40.00	WMGO 5%G 10%W 40%M 45%Oil	0.33
65.00	Clean Oil	0.91
0.00	45 gas in pipe	0.00

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Pntail Petroleum LTD

Witthuhn ' VM ' # 1-15

225 N Market Ste 300
Wichita KS67202

15 15S 21W Trego KS

Job Ticket: 26121

DST#: 1

ATTN: Flip Phillips

Test Start: 2006.11.03 @ 02:45:52

Tool Information

Drill Pipe:	Length: 3910.00 ft	Diameter: 3.80 inches	Volume: 54.85 bbl	Tool Weight: 2600.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 125.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 60000.00 lb
		Total Volume: 55.46 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	4055.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	32.00 ft			
Tool Length:	60.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4028.00	
Shut In Tool	5.00			4033.00	
Hydraulic tool	5.00			4038.00	
Jars	5.00			4043.00	
Safety Joint	3.00			4046.00	
Packer	4.00			4050.00	28.00 Bottom Of Top Packer
Packer	5.00			4055.00	
Stubb	1.00			4056.00	
Perforations	3.00			4059.00	
Recorder	0.00	8018	Inside	4059.00	
Perforations	25.00			4084.00	
Recorder	0.00	13308	Outside	4084.00	
Bullnose	3.00			4087.00	32.00 Bottom Packers & Anchor

Total Tool Length: 60.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Pintail Petroleum LTD

Witthuhn ' VM ' # 1-15

225 N Market Ste 300
Wichita KS67202

15 15S 21W Trego KS

Job Ticket: 26121

DST#: 1

ATTN: Flip Phillips

Test Start: 2006.11.03 @ 02:45:52

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

35 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

36000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.97 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
100.00	SOGCWM 5%O 5%G 30%W 60%M	0.492
40.00	VMGCO 5%G 10%W 40%M 45%Oil	0.333
65.00	Clean Oil	0.912
0.00	45 gas in pipe	0.000

Total Length: 205.00 ft

Total Volume: 1.737 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

