



KANSAS CORPORATION COMMISSION 1082298
OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 31725
Name: Shelby Resources LLC
Address 1: 2717 Canal Blvd.
Address 2: Suite C
City: HAYS State: KS Zip: 67601 +
Contact Person: Chris Gottschalk
Phone: (785) 623-1524
CONTRACTOR: License # 5142
Name: Sterling Drilling Company
Wellsite Geologist: Keith Reavis
Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
 Gas D&A ENHR SIGW
 OG GSW Temp. Abd.
 CM (Coal Bed Methane)
 Cathodic Other (Core, Expl., 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 Conv. to SWD
 Conv. to GSW
 Plug Back: _____ Plug Back Total Depth
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____

<u>03/10/2012</u>	<u>03/17/2012</u>	<u>03/18/2012</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-065-23816-00-00

Spot Description: _____
NE NW SE SW Sec. 20 Twp. 9 S. R. 21 East West
1196 Feet from North / South Line of Section
1925 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Graham

Lease Name: ACHESON TRUST Well #: 1-20

Field Name: _____

Producing Formation: Arbuckle

Elevation: Ground: 2361 Kelly Bushing: 2372

Total Depth: 4003 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 251 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

(Data must be collected from the Reserve Pit)

Chloride content: 50000 ppm Fluid volume: 1000 bbls

Dewatering method used: Evaporated

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that 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.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: _____
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: Deanna Gerritor Date: 05/24/2012



1082298

Operator Name: Shelby Resources LLC Lease Name: ACHESON TRUST Well #: 1-20
 Sec. 20 Twp. 9 S. R. 21 East West County: Graham

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 complete copy of all Electric Wire-line 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Attached	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>Heebner</td> <td>3548</td> <td>-1176</td> </tr> <tr> <td>Lansing</td> <td>3586</td> <td>-1214</td> </tr> <tr> <td>Lansing G</td> <td>3682</td> <td>-1310</td> </tr> <tr> <td>Base KC</td> <td>3802</td> <td>-1430</td> </tr> <tr> <td>Penn Congl</td> <td>3864</td> <td>-1492</td> </tr> <tr> <td>Arbuckle</td> <td>3907</td> <td>-1535</td> </tr> </tbody> </table>	Name	Top	Datum	Heebner	3548	-1176	Lansing	3586	-1214	Lansing G	3682	-1310	Base KC	3802	-1430	Penn Congl	3864	-1492	Arbuckle	3907	-1535
Name	Top	Datum																				
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Penn Congl	3864	-1492																				
Arbuckle	3907	-1535																				

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	12.25	8.625	23	251	60/40 Poz	160	3% gel, 2% cc

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing	-			
___ Plug Back TD				
___ Plug Off Zone	-			

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

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed 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 <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Shelby Resources LLC
Well Name	ACHESON TRUST 1-20
Doc ID	1082298

All Electric Logs Run

Dual Induction
Compensated Neutron
Micro
Sonic

QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 647

Date	Sec.	Twp.	Range	County	State	On Location	Finish
3-10-12	20	9	21	Graham	KS		11:00/PM
Lease <i>Richardson Trust</i>	Well No. <i>1-20</i>		Location <i>Palco Redline wto 3500 W 18E into</i>				
Contractor <i>Stirling</i>				Owner			
Type Job <i>Surface</i>				To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.			
Hole Size <i>12 1/4</i>	T.D. <i>254</i>		Charge To <i>Skelly Resources</i>				
Csg. <i>8 5/8</i>	Depth <i>258</i>		Street				
Tbg. Size	Depth		City				
Tool	Depth		State				
Cement Left in Csg. <i>15</i>	Shoe Joint		The above was done to satisfaction and supervision of owner agent or contractor.				
Meas Line	Displace <i>15 BC</i>		Cement Amount Ordered <i>160 @ 40 30% @ 20% @ 10%</i>				
EQUIPMENT							
Pumptrk <i>5</i> No.	Cement Helper <i>1</i>				Common <i>160</i>		
Bulktrk No.	Driver <i>1</i>				Poz. Mix		
Bulktrk <i>13</i> No.	Driver <i>1</i>				Gel		
JOB SERVICES & REMARKS				Calcium <i>3</i>			
Remarks:				Hulls <i>5</i>			
Rat Hole				Salt			
Mouse Hole				Flowseal			
Centralizers				Kol-Seal			
Baskets				Mud CLR 48			
D/V or Port Collar				CFL-117 or CD110 CAF 38			
<i>8 5/8 on bottom Fast Circulation</i>				Sand			
<i>Mix 1400 cc x Displace</i>				Handling <i>163</i>			
<i>Cement Circulated</i>				Mileage			
QUALITY OILWELL CEMENTING							
				GUIDE EQUIPMENT			
				Guide Shoe			
				Centralizer			
				Baskets			
				AFU Inserts			
				Float Shoe			
				Latch Down			
				Pumptrk Charge <i>Surface</i>			
				Mileage <i>41</i>			
				Tax			
				Discount			
				Total Charge			
X Signature							

QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 5469

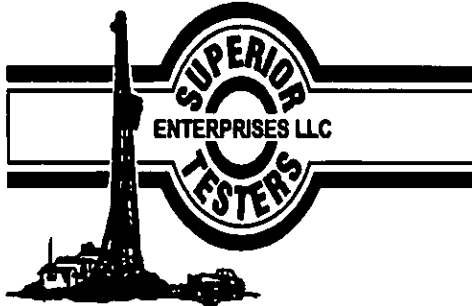
Date	3-16-12	Sec.	20	Twp.	9	Range	21	County	Graham	State	Ks	On Location	Finish	10:30 PM
Lease	Acheson Trust			Well No.	1-20			Location	Palco + Redline Rd, W on Redline Rd to 350 th					
Contractor	Sterling #4							Owner	W, SE, N/1 into					
Type Job	Plug							To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.						
Hole Size	7 7/8"			T.D.	4000'			Charge To	Shelby Resources					
Csg.				Depth				Street						
Tbg. Size	4 1/2" D.P.			Depth	3887'			City						
Tool				Depth				State						
Cement Left In Csg.				Shoe Joint				The above was done to satisfaction and supervision of owner/agent or contractor.						
Meas Line				Displace	H2O/mud			Cement Amount Ordered	250 sx 60/40 4% Gel 4#F.S.					

EQUIPMENT

Pumptrk	15	No.	Cementer	Cisco	Common	150
			Helper			
Bulktrk	10	No.	Driver	LONTI/O	Poz. Mix	100
			Driver			
Bulktrk	plu	No.	Driver	Pick	Gel.	9
			Driver			

JOB SERVICES & REMARKS

Remarks:	Cement did Circulate.					
Rat Hole						
Mouse Hole	Flowseal 62H					
Centralizers	Kol-Seal					
Baskets	Mud CLR 48					
D/V or Port Collar	CFL-117 or CD110 CAF 38					
	3887' - 25 SX					
	Sand					
	Handling 259					
	1865' - 25 SX					
	Mileage					
	FLOAT EQUIPMENT					
	1085' - 100 SX					
	Guide Shoe					
	Centralizer					
	300' - 40 SX					
	Baskets					
	40' - 11 20 SX with plug					
	AFU Inserts					
	Float Shoe					
	Latch Down					
	Rathole - 30 SX Marsehade 20 SX					
	1" Drushole plug					
	Pumptrk Charge plug					
	Mileage 41					
	Tax					
	Discount					
	Total Charge					
X Signature	<i>Terry J. Salazar</i>					



DRILL STEM TEST REPORT

Prepared For: **Shelby Resources LLC**

2717 Canal Blvd
Suite C
Hays, Kansas 67601

ATTN: Keith Reavis

Acheson Trust #1-20

20/9S/21W/Graham

Start Date: 2012.03.15 @ 14:22:00

End Date: 2012.03.15 @ 19:53:30

Job Ticket #: 17171 DST #: 1

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2012.03.15 @ 20:04:37



DRILL STEM TEST REPORT

Shelby Resources LLC

20/9S/21W/Graham

2717 Canal Blvd
Suite C
Hays, Kansas 67601
ATTN: Keith Reavis

Acheson Trust #1-20
Job Ticket: 17171 DST#: 1
Test Start: 2012.03.15 @ 14:22:00

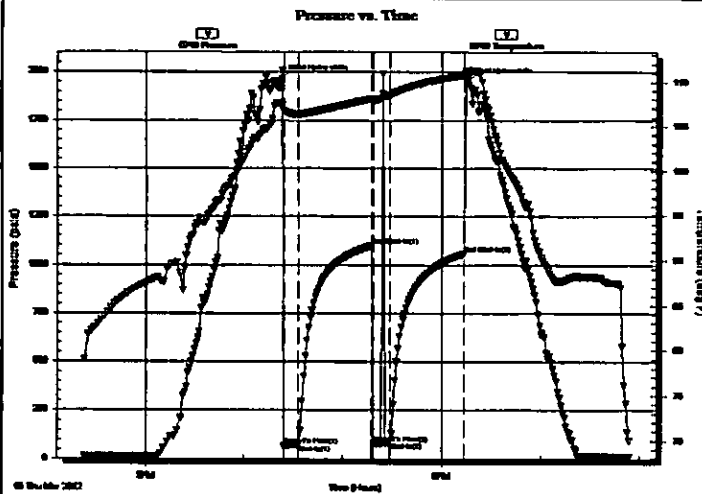
GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 16:24:30
 Time Test Ended: 19:53:30
 Interval: **3844.00 ft (KB) To 3920.00 ft (KB) (TVD)**
 Total Depth: **3920.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: Fair
 Test Type: **Conventional Bottom Hole (Initial)**
 Tester: **Ken Swinney**
 Unit No: **3325 Hays/90**
 Reference Elevations: **2372.00 ft (KB)**
2363.00 ft (CF)
 KB to GR/CF: **9.00 ft**

Serial #: 6749

Press@RunDepth: **87.52 psia @ ft (KB)** Capacity: **5000.00 psia**
 Start Date: **2012.03.15** End Date: **2012.03.15** Last Calib.: **2012.03.15**
 Start Time: **14:22:00** End Time: **19:53:30** Time On Btm: **2012.03.15 @ 16:23:00**
 Time Off Btm: **2012.03.15 @ 18:16:00**

TEST COMMENT: 1ST Open 10 Minutes/Weak blow/Blow built to 1/2 inch in bucket of water
 1ST Shut In 45 Minutes/No blow back
 2ND Open 10 Minutes/No blow/Flush tool didnt help
 2ND Shut In 45 Minutes/No blow back



PRESSURE SUMMARY

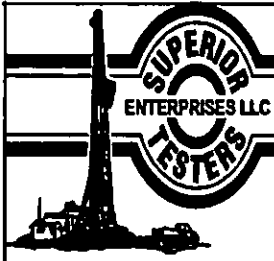
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1965.78	107.56	Initial Hydro-static
2	69.29	106.74	Open To Flow (1)
10	75.04	106.28	Shut-in(1)
55	1097.11	108.06	End Shut-in(1)
56	77.94	107.85	Open To Flow (2)
66	87.52	108.46	Shut-in(2)
111	1058.41	110.77	End Shut-in(2)
113	1951.80	111.19	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud 100% w ith show of oil in tool	0.05

Gas Rates

Choke (Inches)	Pressure (psia)	Gas Rate (Mcf/d)



DRILL STEM TEST REPORT

Shelby Resources LLC
 2717 Canal Blvd
 Suite C
 Hays, Kansas 67601
 ATTN: Keith Reavis

20/9S/21W/Graham
Acheson Trust #1-20
 Job Ticket: 17171 DST#: 1
 Test Start: 2012.03.15 @ 14:22:00

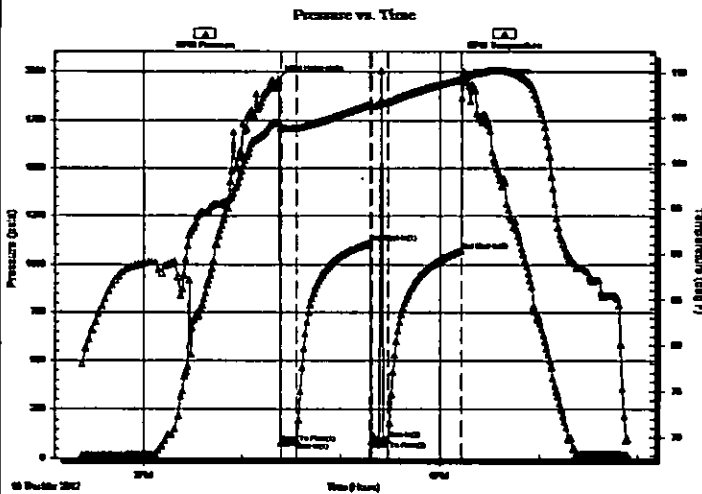
GENERAL INFORMATION:

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 Interval: **3844.00 ft (KB) To 3920.00 ft (KB) (TVD)**
 Total Depth: **3920.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Ken Swinney
 Unit No: 3325 Hays/90
 Reference Elevations: 2372.00 ft (KB)
 2363.00 ft (CF)
 KB to GR/CF: 9.00 ft

Serial #: 6748

Press@RunDepth: 1072.27 psia @ ft (KB) Capacity: 5000.00 psia
 Start Date: 2012.03.15 End Date: 2012.03.15 Last Calib.: 2012.03.15
 Start Time: 14:22:00 End Time: 19:53:30 Time On Btm: 2012.03.15 @ 16:22:00
 Time Off Btm: 2012.03.15 @ 18:16:30

TEST COMMENT: 1ST Open 10 Minutes/Weak blow /Blow built to 1/2 inch in bucket of water
 1ST Shut In 45 Minutes/No blow back
 2ND Open 10 Minutes/No blow /Flush tool didnt help
 2ND Shut In 45 Minutes/No blow back



PRESSURE SUMMARY

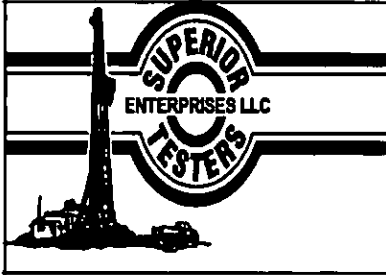
Time (Mn.)	Pressure (psia)	Temp (deg F)	Annotation
0	1964.83	104.45	Initial Hydro-static
2	78.65	103.78	Open To Flow (1)
11	85.86	103.88	Shut-In(1)
56	1110.10	106.45	End Shut-In(1)
57	90.56	106.25	Open To Flow (2)
67	99.72	106.71	Shut-In(2)
111	1072.27	109.27	End Shut-In(2)
115	1947.62	109.69	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud 100% w ith show of oil in tool	0.05

Gas Rates

Choke (Inches)	Pressure (psia)	Gas Rate (Mcf/d)



DRILL STEM TEST REPORT

TOOL DIAGRAM

Shelby Resources LLC
 2717 Canal Blvd
 Suite C
 Hays, Kansas 67601
 ATTN: Keith Reavis

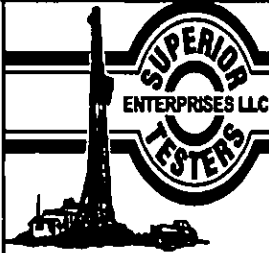
20/9S/21W/Graham
 Acheson Trust #1-20
 Job Ticket: 17171 DST#: 1
 Test Start: 2012.03.15 @ 14:22:00

Tool Information

Drill Pipe:	Length: 3668.00 ft	Diameter: 3.88 inches	Volume: 53.64 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 180.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose: 72000.00 lb
			<u>Total Volume: 54.53 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 67000.00 lb
Depth to Top Packer:	3844.00 ft			Final 67000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	76.19 ft			
Tool Length:	103.19 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3822.00	
Hydraulic Tool	5.00			3827.00	
Jars	5.00			3832.00	
Safety Joint	2.00			3834.00	
Packer	5.00			3839.00	27.00 Bottom Of Top Packer
Packer	5.00			3844.00	
Perforations	6.00			3850.00	
Change Over Sub	0.65			3850.65	
Drill Pipe	31.89			3882.54	
Change Over Sub	0.65			3883.19	
Anchor	32.00			3915.19	
Recorder	1.00	6749	Inside	3916.19	
Recorder	1.00	6748	Outside	3917.19	
Bullnose	3.00			3920.19	76.19 Bottom Packers & Anchor
Total Tool Length:	103.19				



DRILL STEM TEST REPORT

FLUID SUMMARY

Shelby Resources LLC
 2717 Canal Blvd
 Suite C
 Hays, Kansas 67601
 ATTN: Keith Reavis

20/9S/21W/Graham
Acheson Trust #1-20
 Job Ticket: 17171 DST#: 1
 Test Start: 2012.03.15 @ 14:22:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 65.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.40 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 1900.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Mud 100% with show of oil in tool	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

