

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

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 # 5663
Name: Hess Oil Company
Address 1: P. O. Box 1009
Address 2: _____
City: McPherson State: KS Zip: 67460 + 1009
Contact Person: Bryan Hess
Phone: (620) 241-4640
CONTRACTOR: License # 5929
Name: Duke Drilling Co., Inc.
Wellsite Geologist: Macklin M. Armstrong
Purchaser: Regency Field Services, LLC

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CONSERVATION DIVISION
WICHITA, KS

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SLOW
- 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>9/4/2010</u>	<u>9/12/2010</u>	<u>10/14/2010</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 119-21272-00-00
Spot Description: Approx
N2 SE NW Sec. 30 Twp. 34 S. R. 30 East West
2,055 Feet from North / South Line of Section
1,980 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Meade
Lease Name: Adams Well #: 1-30
Field Name: Kneeland South
Producing Formation: Chester
Elevation: Ground: 2473 Kelly Bushing: 2485
Total Depth: 6234 Plug Back Total Depth: 5850
Amount of Surface Pipe Set and Cemented at: 1413 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: _____ ppm Fluid volume: 320 bbls
Dewatering method used: hauled
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: Simonson License #: _____
Quarter NW Sec. 23 Twp. 33 S. R. 31 East West
County: Seward Permit #: D10594

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.

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.

Signature: Bryan Hess
Title: Bryan Hess, President Date: 1/17/2010

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: 1/17/11 - 1/17/13
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: Dog Date: 1/21/11

Denied
1-21-11
Dog

Operator Name: Hess Oil Company Lease Name: Adams Well #: 1-30
 Sec. 30 Twp. 34 S. R. 30 East West County: Meade

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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Micro, Dual Induction, Compensated Density/Neutron PE, Cement Bond	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input 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
Conductor	32	20		70	redimix	243	
Surface	12.25	8.625	24	1413	A-Con & Premium	475	
Production	7.875	4.5	11.6	6231	AA2	150	10% salt, 6%C15, 5%W60

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 Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	5986-5994	1500 gal. 7.5% NE FE; & Frac - 22,050 gal. & 21,000# sand Bridge plug @ 5850	
2	5720-5726, 5746-5748, 5757-5762, 5773-5776, 5785-5762	2500 gal. 15% NEFE; & Frac - 42,900 gal. & 48,000# sand	

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TUBING RECORD: Size: <u>2.375</u> Set At: <u>5744</u> Packer At: _____ Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	JAN 21 2011
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Date of First, Resumed Production, SWD or ENHR. <u>11/17/2010</u>	Producing Method: <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____	CONSERVATION DIVISION WICHITA, KS
Estimated Production Per 24 Hours	Oil Bbls. <u>0</u> Gas Mcf <u>500</u> Water Bbls. <u>0.5</u> Gas-Oil Ratio _____ Gravity _____	

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input checked="" 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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____ <i>(Submit ACO-5) (Submit ACO-4)</i>	PRODUCTION INTERVAL: <u>5720-5788</u>
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HESS OIL COMPANY

P.O. Box 1009
McPherson, KS 67460

ACO-1 Completion Form Attachment

Adams #1-30
Approx. N2 S2 SE NW
2055' FNL, 1980' FWL
Section 30-34-30W, Meade County

Elev: 2485' KB

Formation	Log Tops	(datum)
Winfield	2518 smpl	-33
Heebner	4201	-1716
Toronto	4238	-1753
Lansing	4356	-1871
Kansas City	4647	-2162
Marmaton	5053	-2568
Cherokee Shale	5262	-2777
Morrow Shale	5601	-3116
Morrow Sand	5673	-3188
Chester	5717	-3232
St. Genevieve	6032	-3547
St. Louis	6108	-3623
RTD	6232	-3747
LTD	6234	-3749

DST #1: 5674'-5792'

Times: 30-60-60-120

Blows: IF – Strong blow BOB in 45 sec, GTS in 7.5 min
ISI – Bled off, no blow back
FF – Strong blow, BOB in 8 sec
FSI – Bled off, no blow back

Recovered: 220' SGCM (10% g, 90% m)

Pressures: IH 2795, FH 2792, IF 105-117, FF 84-92, ISI 117, FSI 1625

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WICHITA, KS



Mark Parkinson, Governor
Thomas E. Wright, Chairman
Joseph F. Harkins, Commissioner
Ward Loyd, Commissioner

January 17, 2011

Bryan Hess
Hess Oil Company
PO BOX 1009
MCPHERSON, KS 67460-1009

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CONSERVATION DIVISION
WICHITA, KS

Re: ACO1
API 15-119-21272-00-00
Adams 1-30
NW/4 Sec.30-34S-30W
Meade County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Bryan Hess

Koda Services, Inc.

INVOICE

Conductor and Rat Hole Drilling, Landfill Gas Drilling and Well Construction Nationwide

Date	Invoice #
8/27/2010	8501

Bill To
Hess Oil P O Box 1009 McPherson KS 67460

Ordered By	Terms	Field Tkt	Legal Description	Lease Name	Drill Rig
Bob Casper	Net 30	5962		Adams 1-30	

Item	Quantity	Description
Conductor	70	Drilled 70' of 32" hole for conductor
20" Pipe	70	Furnished 70' of 20" conductor pipe
Ream Hole		Ream Hole
60" X 5'	1	Furnished 5' X 5' tinhorn
Dirt Removal		Provided Labor and Equipment for dirt removal and cleanup
Welder		Welder
Grout		Furnished grout - 9 yards (243 sq)
Deliver Grout		Deliver grout to location
Equipment		Furnished grout pump & flush
Cover Plate	2	Cover Plate
Permits	2	Permits
18" X 30'	1	Furnished 30' shuck
Mouse		Drilled rat hole

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WICHITA, KS

273.00

oil well drilling
is Exempt from Sales Tax

Subtotal	\$12,525.00
Sales Tax (6.5%)	\$273.00

Thank you for your business.

Total	\$12,798.00
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BASIC

energy services, L.P.

TREATMENT REPORT

Customer <i>Hess Oil Company</i>	Lease No.	Date <i>9-5-10</i>
Lease <i>A1.m</i>	Well # <i>1-30</i>	
Field Order # <i>171701256</i>	Station <i>Liberal</i>	Casing <i>8 7/8 24"</i>
Type Job <i>Z 42 8 7/8 Surface</i>	Formation	Depth <i>1413</i>
		County <i>Meade</i>
		State <i>KS</i>
		Legal Description <i>30-34-20</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<i>8 7/8 24"</i>								
Depth <i>1413</i>	Depth	From	To	Pre Pad	Max		5 Min.	
Volume <i>7</i>	Volume	From	To	Pad	Min		10 Min.	
Max Press	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative <i>Bob Kasper</i>	Station Manager <i>Jerry Bennett</i>	Treater <i>Jason Arrington</i>
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Service Units	<i>30464</i>	<i>19919</i>	<i>14355</i>	<i>14734</i>	<i>19827</i>	<i>19566</i>	<i>14360</i>				
Driver Names	<i>M. Stegman</i>	<i>J. Martinez</i>	<i>D. Conroy</i>	<i>J. Arrington</i>							

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>6:00</i>					<i>on loc</i>
<i>6:05</i>					<i>Safety Meeting</i>
<i>6:10</i>					<i>Big up</i>
<i>6:15</i>					<i>Test Lines to 2500 PSI</i>
<i>10:16</i>	<i>200</i>	<i>-</i>	<i>170</i>	<i>4.5</i>	<i>Pump 325sk A-con @ 11.4#</i>
<i>10:53</i>	<i>300</i>	<i>-</i>	<i>35</i>	<i>5</i>	<i>Pump 150sk Premium Plus @ 14.5#</i>
<i>11:10</i>					<i>Drop Plug</i>
<i>11:11</i>	<i>300</i>	<i>-</i>	<i>-</i>	<i>5</i>	<i>Start Disp</i>
<i>11:23</i>	<i>300</i>	<i>-</i>	<i>50</i>	<i>2</i>	<i>Reduce Rate</i>
<i>11:34</i>	<i>450</i>	<i>-</i>	<i>70</i>	<i>1</i>	<i>Reduce Rate</i>
<i>11:52</i>	<i>1200</i>	<i>-</i>	<i>27</i>	<i>-</i>	<i>Land Plug</i>
<i>11:53</i>					<i>Release Press. Float Hold</i>
<i>11:55</i>					<i>Big down</i>
<i>12:09</i>					<i>Leave Well</i>

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WICHITA, KS

circ 40 BBL to P.t

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energy services, L.P.

TREATMENT REPORT

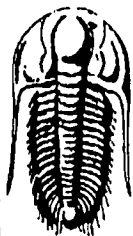
Customer <i>HESS Oil Company</i>	Lease No.	Date <i>9-13-10</i>
Lease <i>ADAMS</i>	Well # <i>1-30</i>	
Field Order # <i>01017 A</i>	Station <i>Liberal, KS 1717</i>	Casing <i>4 1/2"</i>
Type Job <i>4 1/2" Production</i>	Depth <i>6236.32</i>	County <i>Meade</i>
	Formation	State <i>KS</i>
		Legal Description <i>30-34-30</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<i>4.5</i>				Pre Pad	Max	<i>5 1200</i>	5 Min.	
Depth <i>6236.32</i>	Depth	From	To	Pad	Min	<i>1.5 0</i>	10 Min.	
Volume <i>96.12</i>	Volume	From	To	Frac	Avg	<i>4 350</i>	15 Min.	
Max Press <i>4960</i>	Max Press	From	To		HHP Used		Annulus Pressure	
Well Connection	Annulus Vol.	From	To	Flush	Gas Volume		Total Load	
Plug Depth <i>6201.32</i>	Packer Depth	From	To					

Customer Representative <i>Bob Kasper</i>	Station Manager <i>JERRY BENNETT</i>	Treater <i>Carlos Lopez</i>
Service Units <i>27462 14355 14284 19902</i>		
Driver Names <i>R. COX Ruben Chavez C. Lopez</i>		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>pm 10:00</i>					<i>ARRIVE @ LOCATION</i>
<i>pm 10:15</i>					<i>Spot in Trucks & Rig up Equipment</i>
<i>7:30am</i>					<i>SHUT OUT Head-Drop Ball-Circ Well</i>
<i>7:35am</i>					<i>Safety Meeting w/ CO.MAN & Rig Crew</i>
<i>8:30am</i>	<i>3000</i>				<i>Test Pump & Lines</i>
<i>8:33am</i>	<i>80</i>		<i>5</i>	<i>3</i>	<i>H2O SPACER AHEAD</i>
<i>8:35am</i>	<i>100</i>		<i>12</i>	<i>3</i>	<i>Super flush</i>
<i>8:38am</i>	<i>100</i>		<i>5</i>	<i>3</i>	<i>H2O SPACER BEHIND</i>
<i>8:41am</i>	<i>350</i>		<i>41.14</i>	<i>4.5</i>	<i>150 SLS AA 2 CEMENT-1.54 F³/SK - 6.64 G³/SK</i>
					<i>5% W60, 10% SALT, .6% C-15, 5# Gils, 1/4# Deframer</i>
<i>8:50am</i>					<i>Washup Pumps & Lines</i>
<i>8:51am</i>					<i>Drop Latch Down Plug</i>
<i>8:54am</i>	<i>120</i>		<i>96.12</i>	<i>5</i>	<i>Displacement H2O</i>
<i>9:12am</i>	<i>700</i>		<i>86.12</i>	<i>2</i>	<i>Slow Down Pump Rate</i>
<i>9:19am</i>	<i>1200</i>		<i>96.12</i>	<i>1.5</i>	<i>Bump Plug up to 1200psi</i>
<i>9:21am</i>	<i>0</i>		<i>6.4</i>	<i>2</i>	<i>Release Csg Press. - Float Held</i>
<i>9:25am</i>	<i>0</i>		<i>4.6</i>	<i>2</i>	<i>Plug Mouse Hole</i>
<i>9:30</i>					<i>Plug Rat Hole</i>
<i>9:45</i>					<i>Rig Down Basic Equipment</i>
<i>10:30</i>					<i>DEPART LOCATION</i>

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CONSERVATION DIVISION
WICHITA, KS



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Hess Oil Co. / Edison Op. Co.

ADAMS #1-30

P.O.Box 1009
McPherson, KS 67460-1009

30-34s-30w-MEADE-KS

Job Ticket: 38799 **DST#: 1**

ATTN: Mac Armstrong

Test Start: 2010.09.10 @ 19:54:00

GENERAL INFORMATION:

Formation: **MISSISSIPPIAN / CHES**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:17:50

Time Test Ended: 07:23:30

Test Type: Conventional Bottom Hole

Tester: Jake Fahrenbruch

Unit No: 43

Interval: **5674.00 ft (KB) To 5792.00 ft (KB) (TVD)**

Reference Elevations: 2485.00 ft (KB)

Total Depth: 5792.00 ft (KB) (TVD)

2472.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 13.00 ft

Serial #: 8648

Inside

Press@RunDepth: 92.03 psig @ 5675.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.09.10

End Date: 2010.09.11

Last Calib.: 2010.09.11

Start Time: 19:54:05

End Time: 07:23:30

Time On Btm: 2010.09.10 @ 23:12:20

Time Off Btm: 2010.09.11 @ 03:52:09

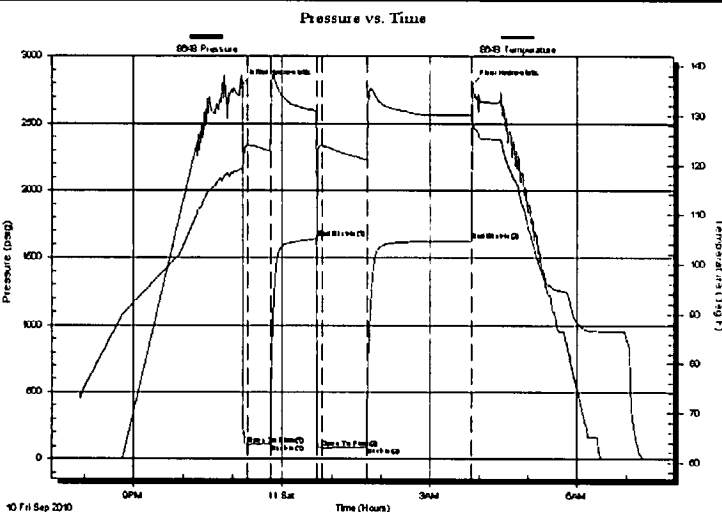
TEST COMMENT: IF: Strong blow, B.O.B 45 seconds. G.T.S. 7.5 minutes.

IS: Bled off, no blow back.

FF: Strong blow, B.O.B. 8 seconds.

FS: Bled off, no blow back.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2795.64	118.87	Initial Hydro-static
6	105.43	123.82	Open To Flow (1)
34	117.01	122.83	Shut-In(1)
90	1643.54	130.93	End Shut-In(1)
97	84.18	123.85	Open To Flow (2)
151	92.03	121.04	Shut-In(2)
279	1625.17	130.22	End Shut-In(2)
280	2792.34	127.90	Final Hydro-static

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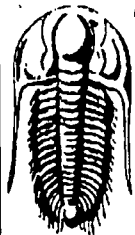
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WICHITA, KS

Recovery

Length (ft)	Description	Volume (bbl)
220.00	SGCM 10%g 90%m	1.08

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.50	16.00	205.07
Last Gas Rate	0.50	24.00	259.04
Max. Gas Rate	0.50	24.00	259.04



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Hess Oil Co. / Edison Op. Co.

ADAMS #1-30

P.O.Box 1009
McPherson, KS 67460-1009

30-34s-30w-MEADE-KS

Job Ticket: 38799 DST#: 1

ATTN: Mac Armstrong

Test Start: 2010.09.10 @ 19:54:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length:	Water Salinity:	ppm
Viscosity: 43.00 sec/qt	ft		
Water Loss: 12.39 in ³	Cushion Volume:		
Resistivity: ohm.m	Gas Cushion Type:		
Salinity: 3800.00 ppm	Gas Cushion Pressure:		
Filter Cake: inches	psig		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
220.00	SGCM 10%g 90%m	1.082

Total Length: 220.00 ft Total Volume: 1.082 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

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