

Submit 1 Copy To Appropriate District Office

District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised August 1, 2011

RECEIVED
CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505
APR 11 2012

HOBBS

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 300-025-40420
1. Type of Well: Oil Well ☐ Gas Well ☒ Other Acid Gas Injection		5. Indicate Type of Lease STATE ☐ FEE ☐ BLM. ☒
2. Name of Operator Frontier Field Services, LLC		6. State Oil & Gas Lease No. NA (BLM LC 029509B)
3. Address of Operator 4200 E. Skelly Dr. St. 1700 Tulsa OK 74135		7. Lease Name or Unit Agreement Name Maljamar AGI
4. Well Location Unit Letter <u>O</u> : <u>130</u> feet from the <u>S</u> line and <u>1813</u> feet from the <u>E</u> line Section <u>21</u> Township <u>17S</u> Range <u>32E</u> NMPM County <u>Lea</u>		8. Well Number #1
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4016' GL		9. OGRID Number 221115
		10. Pool name or Wildcat Wolfcamp

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☒

OTHER: ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

A. 08:48 4/4/2012: Notified E.L. Gonzales (NMOCD) of status, casing and cementing progress and schedule

B. 20:00 4/5/2012: Pick up and run 108 jts 8 5/8" J-55 32# csg to 4,230'

C. 03:00 4/6/2012: Rig up Halliburton, test lines @ 2,500 psi. Notified Patricia Hutchins (BLM) 4/6/2012 @ 1900'

D. Pump 1650 sx of Extendacem (12.4 ppg, 2.4 yield, 705.7 bbls)

E. Pump 235 sx Halcem (14.8 ppg, 1.33 yield, 55.6 bbls)

F. Drop 8 5/8" plug, displace w/255 bbls water to displace cement

G. Plug bump @ 750 psi and pressure up to 500 psi over

H. 06:24 4/7/2012: Floats held, 200 bbls cmt returned to surface (468 sx), witnessed by Patricia Hutchins. Halliburton cement report attached

I. WOC, NU & test BOPs BOP Test reports attached

J. 4/9/2012: Test csg @ 850 psi for 30 min., good. Test chart attached.

Spud Date: March 22, 2012

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE [Signature] TITLE Consultant to Frontier Field Services, LLC DATE 4/10/2012

Type or print name Alberto A. Gutierrez, RG E-mail address: aag@geolex.com PHONE: 505-842-8000

For State Use Only

APPROVED BY [Signature] TITLE STATE MGR DATE 4-11-2012

Conditions of Approval (if any):

APR 11 2012

HALLIBURTON

Cementing Job Log

The Road to Excellence Starts with Safety

Sold To #: 304429	Ship To #: 2915495	Quote #:	Sales Order #: 9387031
Customer: PB ENERGY STORAGE SERVICES INC		Customer Rep: WALLEY, TERRY	
Well Name: Frontier Maljamar AGI	Well #: 1	API/UWI #: 30-025-40420	
Field:	City (SAP): MALJAMAR	County/Parish: Lea	State: New Mexico
Legal Description: Section 21 Township 17S Range 32E			
Lat: N 0 deg. OR N 0 deg. 0 min. 0 secs.		Long: E 0 deg. OR E 0 deg. 0 min. 0 secs.	
Contractor: United Drilling	Rig/Platform Name/Num: United Drilling 41		
Job Purpose: Cement Intermediate Casing			Ticket Amount:
Well Type: Development Well	Job Type: Cement Intermediate Casing		
Sales Person: COOPER, JAMES	Srv. Supervisor: GONZALEZ, HEBER	MBU ID Emp #: 305567	

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	04/06/2012 14:00							
Pre-Convoy Safety Meeting	04/06/2012 16:00							
Depart from Service Center or Other Site	04/06/2012 16:50							
Arrive at Location from Service Center	04/06/2012 18:00							CASING CREW RUNNING CASING
Assessment Of Location Safety Meeting	04/06/2012 18:10							
Pre-Rig Up Safety Meeting	04/06/2012 18:20							
Rig-Up Equipment	04/06/2012 18:30							
Rig-Up Completed	04/06/2012 20:00							
Other	04/07/2012 02:25							LAST 235 SACKS OF TAIL CMT ARRIVE TO LOCATION
Pre-Job Safety Meeting	04/07/2012 02:30							
Start Job	04/07/2012 02:40							
Test Lines	04/07/2012 03:12		0.5	3		2500.0		TEST HALLIBURTON LINE @ 2500 PSI
Pump Spacer	04/07/2012 03:19		4	20			180.0	PUMPED 20 BBLS OF GEL SPACER
Pump Lead Cement	04/07/2012 03:22		7	705.7			250.0	PUMPED 1650 SACKS OF EXTENDACEM CMT @ 12.4 PPG, 2.4 YIELD, 14.04 H2O = 705.7 BBLS
Pump Tail Cement	04/07/2012 05:25		5	55.6			210.0	PUMPED 235 SACKS OF HALCEM CMT @ 14.8 PPG, 1.33 YIELD, 6.34 H2O = 55.6 BBLS

Sold To #: 304429 Ship To #: 2915495 Quote #: Sales Order #: 9387031

SUMMIT Version: 7.3.0021 Saturday, April 07, 2012 06:58:00

HALLIBURTON

Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Drop Plug	04/07/2012 05:41							DROP 8 5/8 HALLIBURTON PLUG
Pump Displacement	04/07/2012 05:42		7	255			530.0	PUMPED 255 BBLS OF H2O TO DISPLACED CMT
Bump Plug	04/07/2012 06:23		2	255			730.0	PLUG BUMP @ 730 PSI AND PRESSURE UP 500 PSI OVER
Check Floats	04/07/2012 06:24							FLOATS HELD AND 200 BBLS RETURN TO SURFACE = 468 SACKS
End Job	04/07/2012 06:30							THANK YOU HEBER AND CREW
Post-Job Safety Meeting (Pre Rig-Down)	04/07/2012 06:40							
Rig-Down Equipment	04/07/2012 06:50							
Rig-Down Completed	04/07/2012 08:00							
Pre-Convoy Safety Meeting	04/07/2012 08:10							
Depart Location for Service Center or Other Site	04/07/2012 08:20							
Crew Return Yard	04/07/2012 08:40							

Sold To # : 304429

Ship To # :2915495

Quote # :

Sales Order # : 9387031

SUMMIT Version: 7.3.0021

Saturday, April 07, 2012 06:58:00

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 304429	Ship To #: 2915495	Quote #:	Sales Order #: 9387031
Customer: PB ENERGY STORAGE SERVICES INC		Customer Rep: WALLEY, TERRY	
Well Name: Frontier Maljamar AGI	Well #: 1	API/UWI #: 30-025-40420	
Field:	City (SAP): MALJAMAR	County/Parish: Lea	State: New Mexico
Legal Description: Section 21 Township 17S Range 32E			
Contractor: United Drilling:		Rig/Platform Name/Num: United Drilling 41	
Job Purpose: Cement Intermediate Casing			
Well Type: Development Well		Job Type: Cement Intermediate Casing	
Sales Person: COOPER, JAMES		Srvs Supervisor: GONZALEZ, HEBER	MBU ID Emp #: 305567

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
GONZALEZ, HEBER Perez	0.0	305587						

Equipment:

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way

Job Hours

[illegible]

TOTAL	Total is the sum of each column separately									
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Job

Job Times

Formation Name					Date	Time	Time Zone
Formation Depth (MD)	Top		Bottom		Called Out		
Form Type	BHST				On Location		
Job depth MD	4200. ft		Job Depth TVD	4200. ft	Job Started		
Water Depth	Wk Ht Above Floor				Job Completed	11 - Jan - 2012	02:00 GMT
Perforation Depth (MD)	From		To		Departed Loc		

Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
12-1/4" Hole				12.25				850	4200		
Intermediate Casing	Unknown		8.625	7.921	32	LTC	J-55		4200		
Surface Casing	Unknown		13.375	12.715	48	STC	H-40		850		

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
ZI-CAR/PICKUP/LIGHT DUTY VEHICLE/MILEAGE	60	MI		
ZI FUEL SURCHG-CARS/PICKUPS<1 1/2TON	60	MI		
Circulating Iron Rental & Delivery, ZI	1	EA		
SUGAR, GRANULATED, IMPERIAL	200	LB		

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
Stage Tool										Centralizers			

Miscellaneous Materials

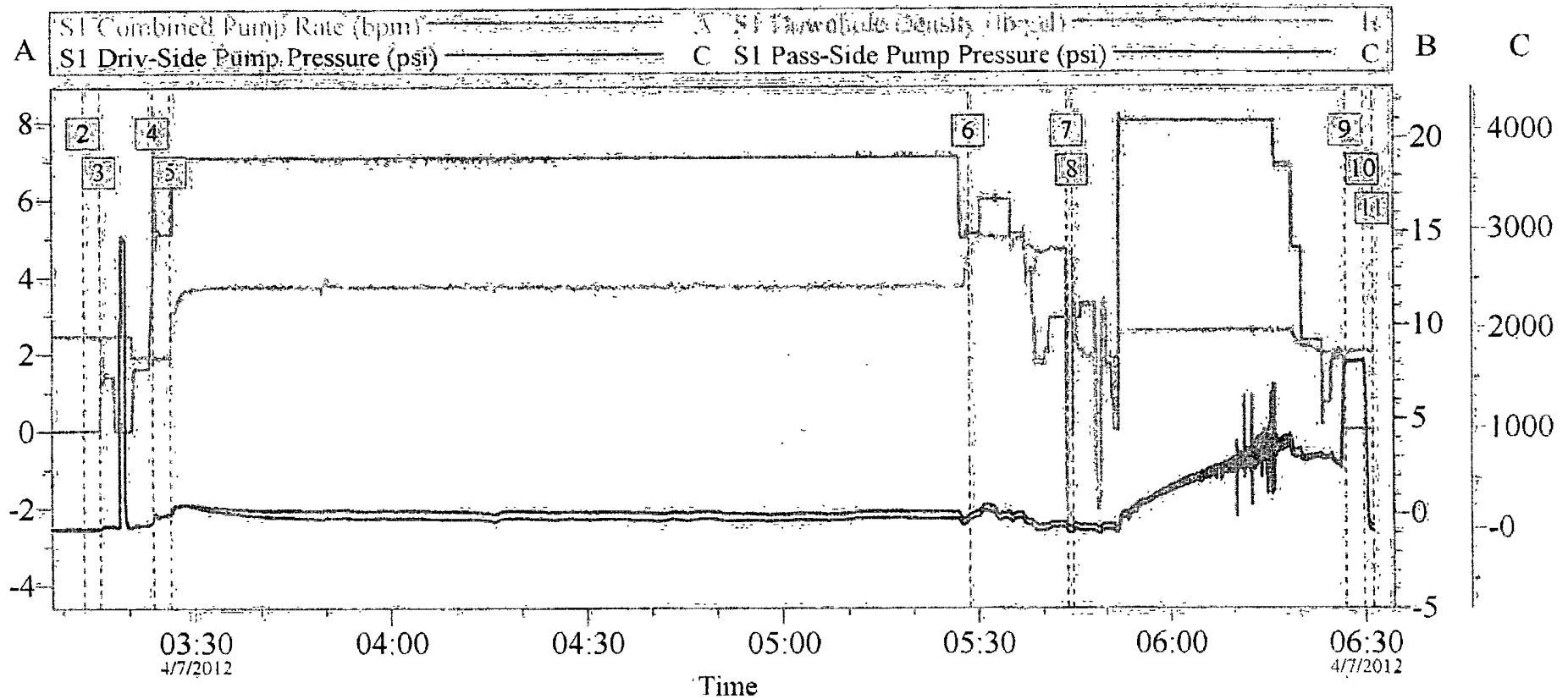
Gelling Agt	Conc	Surfactant	Conc	Acid Type	Qty	Conc	%
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HALLIBURTON

Cementing Job Summary

Treatment Fld	Conc	Inhibitor	Conc	Sand Type	Size	Qty			
Fluid Data									
Stage/Plug #: 1									
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Pump 20 bbl Gel Spacer		20.00	bbl		.0	.0	.0	
2.5 lbm/bbl		WG-19, 50 LB BAG (100003638)							
2	ExtendaCem - C	EXTENDACEM (TM) SYSTEM (452981)	1650.0	sacks	12.05	2.4	14.06		14.06
14.063 Gal		FRESH WATER							
0.5 %		LAP-1 (100012766)							
0.5 %		CFR-3, W/O DEFOAMER, 50 LB SK (100003653)							
1 lbm		SALT, BULK (100003695)							
0.25 lbm		POLY-E-FLAKE (101216940)							
0.25 lbm		D-AIR 5000, 50 LB SACK (102068797)							
0.2 %		HR-800, 50 LB SACK (101619742)							
3	HalCem - C	HALCEM (TM) SYSTEM (452986)	235.0	sacks	14.8	1.33	6.34		6.34
6.336 Gal		FRESH WATER							
Calculated Values		Pressures		Volumes					
Displacement		Shut In: Instant		Lost Returns		Cement Slurry		Pad	
Top Of Cement		5 Min		Cement Returns		Actual Displacement		Treatment	
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job	
Rates									
Circulating		Mixing		Displacement		Avg. Job			
Cement Left In Pipe		Amount	40 ft	Reason	Shoe Joint				
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3. @	ID	Frac Ring # 4 @	ID		
The Information Stated Herein Is Correct				Customer Representative Signature					

PB ENERGY
FRONTIER MALIAMAR AGI #1
8 5/8 INTERMEDIATE



Global Event Log					
2	Start Job	03:13:07	3	Test Lines	03:15:30
4	Pump Spacer 1	03:23:39	5	Pump Lead Cement	03:26:20
6	Pump Tail Cement	05:28:43	7	Drop Top Plug	05:43:59
8	Pump Displacement	05:44:47	9	Bump Plug	06:27:04
10	Other	06:29:44	11	End Job	06:31:11

Customer:	Job Date: 07-Apr-2012	Sales Order #: 9387031
Well Description:	UWI:	

OptiCem v6.4.9
07-Apr-12 06:49



**Greene's
Energy Group**

BOP TORQUE AND TEST LOG

COM-OPE-FRM-37

Page 1 of 1

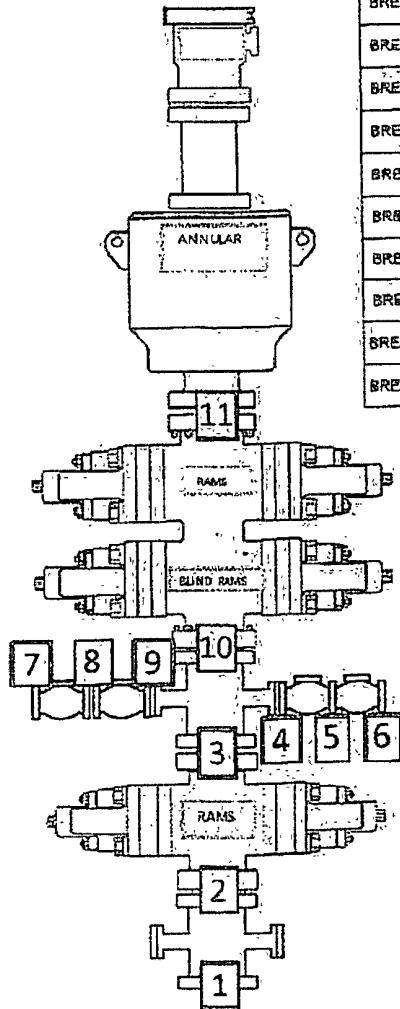
VERSION 1.0

PURPOSE

This form is used by Greene's Energy Group at all its locations to document BOP Torque and Test operations.

PROCEDURE

Complete form as indicated and file according to the requirements of SQP-4.2.4



BOP TORQUE ASSESSMENT					BOP PRESSURE ASSESSMENT		
BREAK	DESCRIPTION	TIME	PULBS	INITIALS	PSI LOW	PSI HIGH	INITIALS
BREAK #1					230	2000	JT
BREAK #2					230	2000	JT
BREAK #3					230	2000	JT
BREAK #4					230	2000	JT
BREAK #5					230	2000	JT
BREAK #6					230	2000	JT
BREAK #7					230	2000	JT
BREAK #8					230	2000	JT
BREAK #9					230	2000	JT
BREAK #10					230	2000	JT
BREAK #11					230	1500	JT

CUSTOMER:

P.B. Energy

ORDER #

39933

LEASEWELL:

Frontier AGT

ORING. CONT/RIG:

United 41

BOP SIZE:

11"

ADDITIONAL COMMENTS:

Pipe Rams leaked, but they were repaired. Fine

RIG REPRESENTATIVE

DATE

GREENE'S REPRESENTATIVE:

DATE

OPERATOR:

DATE

REFERENCE

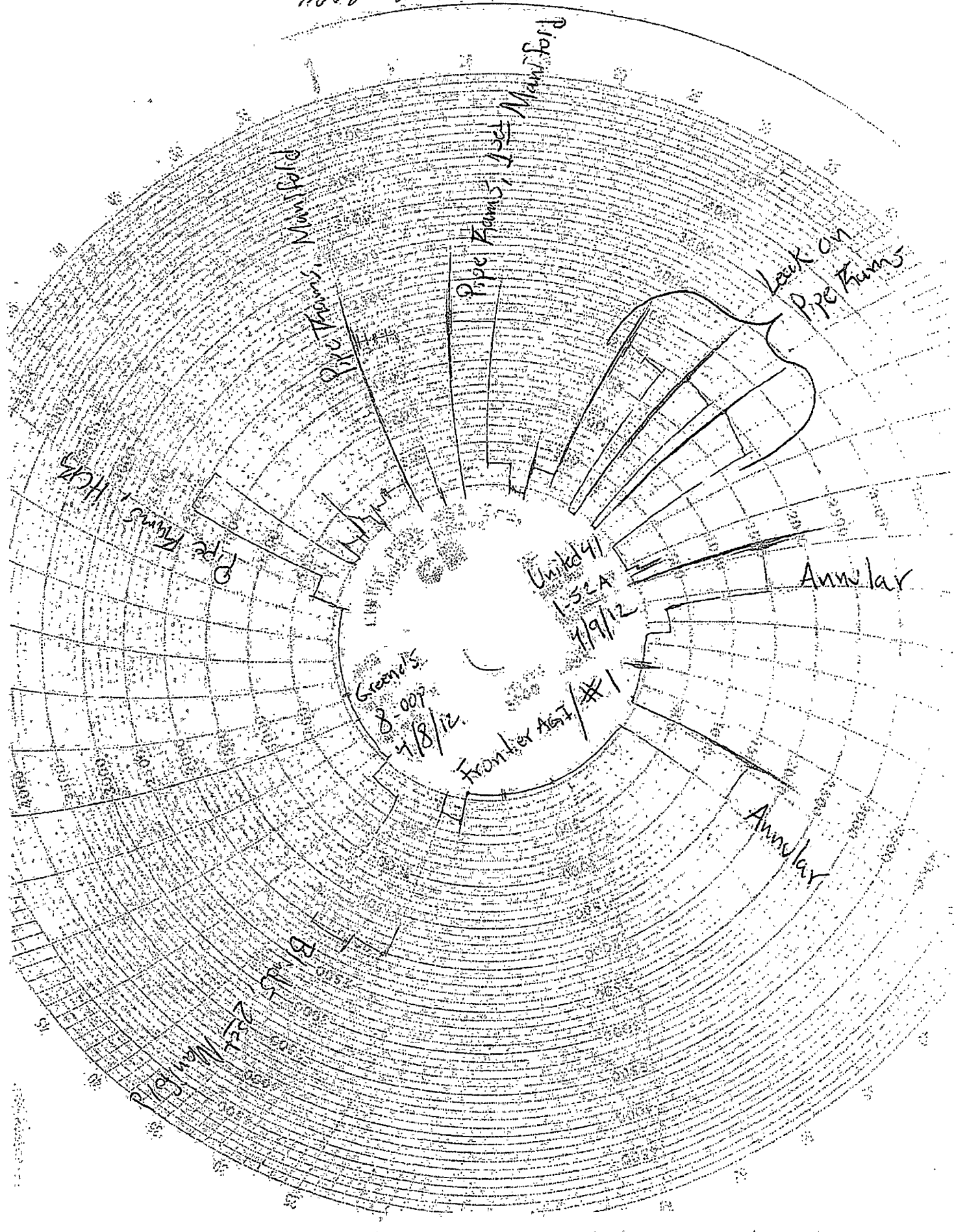
SQP-4.2.4 Control of Records

DISTRIBUTION

None

BLM COPY

BLM COPY



85-324
4230

4
MALTA
4.9.2012
850 PSI - 30 mm
Healthy Cat

