Office Submit I Copy To Appropriate District	State of 140		Form C-103
District I - (575) 393-6161	Energy, Minerals and	Natural Resources	Revised July 18, 2013
1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> – (575) 748-1283			WELL API NO. 30-025-29865
811 S. First St., Artesia, NM 88210	OIL CONSERVAT		5. Indicate Type of Lease
<u>District III</u> – (505) 334-6178 1000 Rio Brazos Rd., Aztec, NM 87410	1220 South St		STATE X FEE
District IV – (505) 476-3460 1220 S. St. Francis Dr., Santa Fe, NM 87505	Santa Fe, N	M 87505	6. State Oil & Gas Lease No. LG 1910
	OTICES AND REPORTS ON W	ELLS	7. Lease Name or Unit Agreement Name
	PPOSALS TO DRILL OR TO DEEPEN PLICATION FOR PERMIT" (FORM C-	101) FOR SUCH	Airpath AEM State
1. Type of Well: Oil Well	Gas Well Other	HOBBS OCD	8. Well Number 1
2. Name of Operator		0 = 2010	9. OGRID Number
	ns Xpress, LLC.	JUL 05 2016	311003
	O Box 1244 701 E. Ave. D. vington, NM 88260	RECEIVED	10. Pool name or Wildcat
4. Well Location			
Unit Letter P : 6	60' feet from the South line	and 660' feet from th	e East line
Section 8	Township 18S	Range 36E	NMPM County Lea
	11. Elevation (Show whether	er DR, RKB, RT, GR, etc.	
12. Check	k Appropriate Box to Indica	ate Nature of Notice,	Report or Other Data
NOTICE OF	INTENTION TO:	SUB	SEQUENT REPORT OF:
PERFORM REMEDIAL WORK			
	CHANGE PLANS		
PULL OR ALTER CASING	☐ MULTIPLE COMPL ☐	CASING/CEMEN	T JOB
DOWNHOLE COMMINGLE			
OTHER:			atry of well for SWD X
			d give pertinent dates, including estimated date mpletions: Attach wellbore diagram of
proposed completion or		NIVIAC. For Muniple Co.	impletions. Attach wendore diagram of
proposed compression or	Totomprotion.		
			n, dug out P&A marker, 13 3/8" csg cement at
			g and installed 11" 5 K well head. Moved in
			d continued to drill cement plugs in 8 5/8" csg
			ement plugs to TD of 13,004'. Ran in hole
			at 8960' cemented first stage with 345 sxs  Dropped plug and held opened DV tool and
			50 C/poz yield 3.02 11.3PPG Lead, 100 sks H+
yield 1.18 15.6 PPG Tail circulate			
Set slips with 150K on slips insta	lled 11K x 5m x 7 1/16 5m well	head	
Spud Date: 06-14-2016		Rig Release Date: 06-	24-2016
I hereby certify that the information	on above is true and complete to	the best of my knowledg	e and belief.
1	1.		
111	Tola-		
SIGNATURE / CO	TITLE_	Consultant	DATE: <u>07-01-2016</u>
Type or print name Tommy W.	Folsom F-mail address	folsomtommy@yahoo co	m PHONE: 575-706-2794
For State Use Only	Dinair address.	o sometiment of yanoo.co	210112. 213-100-2174
	26/		201.01.
APPROVED BY:	leas TITLE	Petroleum Engir	DATE 07/08/16
Conditions of Approval (if any):			

000



## **DESIGN – EXECUTE – EVALUATE – REPORT**

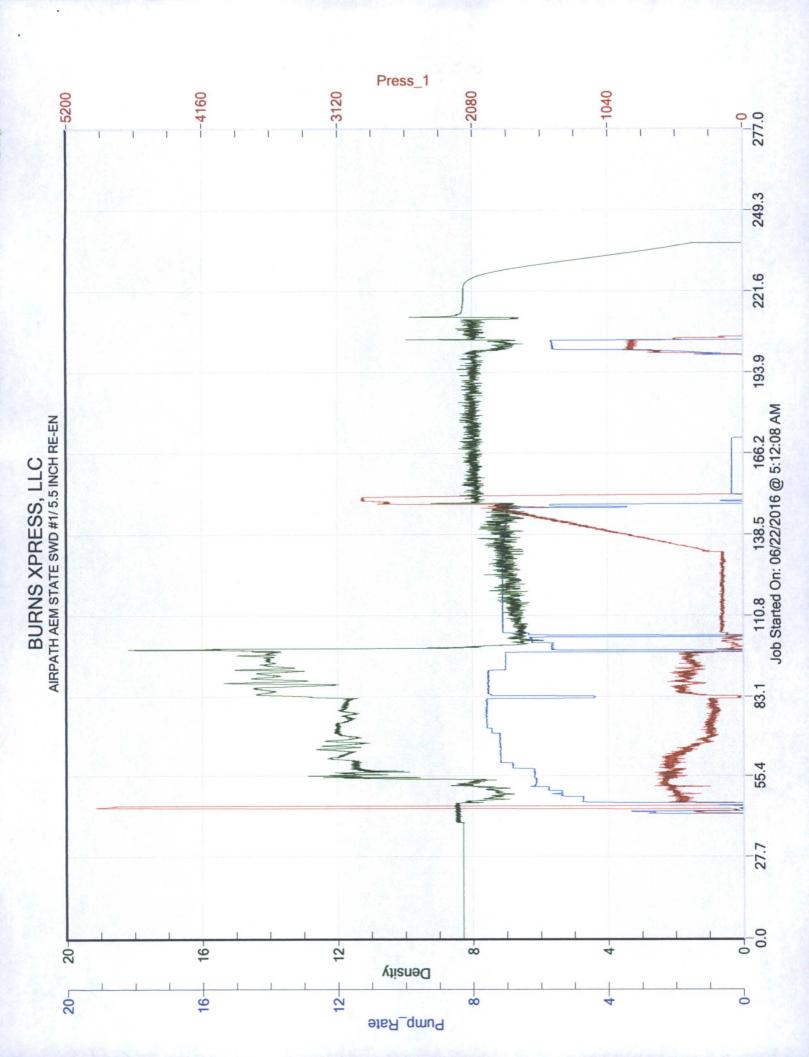
2-STAGE 5.5 INCH RE-ENTRY

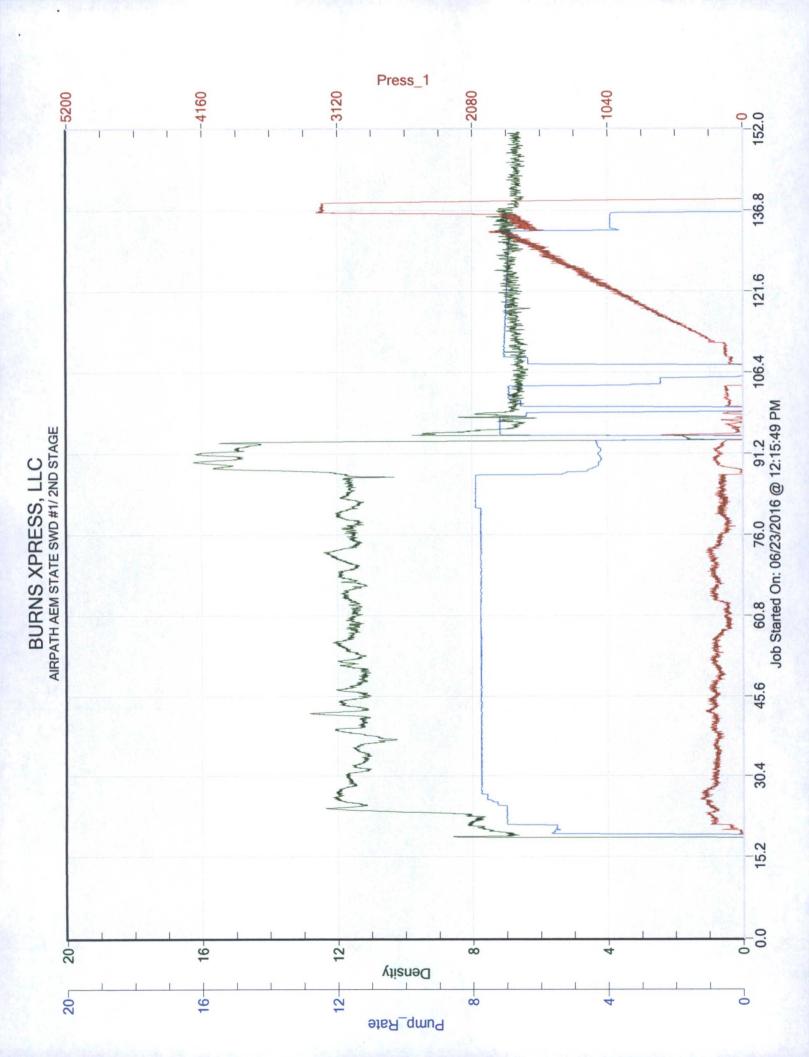
BURNS XPRESS, LLC AIRPATH AEM STATE SWD #1 LEA COUNTY, NEW MEXICO

Prepared By: IVAN GARCIA
SERVICE SUPERVISOR
ARTESIA DISTRICT

**PUMP #2040** 

6-23-2016







#### ENERGY SERVICES LLC

**Cementing Service** 

HESITATION SQ.

Washed Thru Perfs Yes

то

TO

PSI FINAL

то

TO TO

BREAKDOWN

PERFORATIONS

RUNNING SQ. CIRCULATION LOST

FT. MEASURED DISPLACEMENT

TOMMY FOLSOM

CUSTOMER REPRESENTATIVE

Report									0.0	The state of the s					
WELL NAME A	AND NO. AIF	RPATH AEM S	STATE SWD #	LOCATION(	LEAGAL)				ME: SILVER OAK		077014			700	
FIELD/				FORMATIO	N	PO#		WELL DA	E 7.875	CSG/Liner Size	5 1/2			TOP	1
rield/				PORMATIO	14	ro#		TD-	13004		17				
COUNTY/PAR	RISH: LEA CO	UNTY		STAT	TE: NM	AFE. NO		RO		FOOTAGE	13003.5				
		19864								GRADE	L-80	" .			]
								MUD	TYPE	THREAD	BUTTRES	S			
NAME: BURN	NS XPRESS, I	TC													
								MUDI	DENSITY 9	LESS FOOTAGE SHOE JOINT(S)	12911.6				TOTAL
								MUD	VISC	785.V.S.B.O	12311.0		122127		IOIAL
AND				11						Disp. Capacity	300	208			424
WAS				dg .			-	NOTE: I	nclude Footage	From Ground Level To H	ead In Disp. 0	apacity	_		
ADDRESS	- 37	The state of						FLOAT	TYPE	Insert	-	TYPE		DV TOOL	
els Array					ZIP CODE			FLG	DEPTH	91.93	100	DEPTH		8960	
SPECIAL INSTRU	UCTIONS		- 11th					E E	TYPE	6 - 10 21 7	Stage	TYPE			
Autor			5 1/2 2 STG	G. RE-ENTRY	Y			SHOE	DEPTH	12911.57		DEPTH			
									TBG	D.P.			SQUEEZE JO	В	
								SIZE	ALC:	6 110	1001	TYPE			
IS CASING/T	UBING SECU	IRED?	YES	NO				WEIGH	Т		2	DEPTH			
					CASING WEIGH	T ÷ SERFACE AR 4 X R <sup>2</sup> )	EA	GRADE			TAIL PIPE:	SIZE	DEPTH		
LIFT PRESSUR		PSI			(3.1	4 X K )		TUDEA	D		TUDING	OLUME		Bbls	
PRESSURE LIN	MIT	PSI						THREA	<u> </u>		TUBING V	OLUME		BDIS	•
BUMP PLUG	то	+/- 500	PSI					NEV	W USED X	(	CASING V	OL. BELOW	TOOL		Bbls
	14=							DEPTH	1		TOTAL				Bbls
							1.1			0.016		VOLUME			DLI-
PRODUCTION OF				CHARLES AND	No. of Centra		TIME:	ARRIVE	D ON LOCATI	ION	ANNUAL	LEFT LOCAT	TION		Bbls
TIME 0001		SURE	VOLUME	PUMPED BBL	Contract of the Party of the Pa	E: 6-23-16				DATE: 6-22-16	10-01	TIME: 17:0		E: 6-23-201	6
TO 2400	TBG	CASING	INCREMENT	CUM	INJET	FLUID	FLUID	1000			SERVICE L	OGE DETAIL	La company de		
22:00	OR D.P.				RATE	TYPE	DENSITY		ARRIV	ED ON LOCATION	TESTED H	20 AND TAI	KED TO COM	MPANY MAN	V
22:30					T			HAZARD ASSESMENT WITH CREW/ PULLED TRUCKS ON LOCATION							
22:30								RIG STILL RUNNING CASING							
4:45								RIG FINISHED RUNNING CASING 6/23/16							
	XXX	5000	0.5		0.5	FAN	0.24	PRE JOB SAFETY MEETING  TEST TO 5000 PSI							
	XXX	5000 450	0.5			F/W M/C	8.34 8.34	_		MUIT					
	XXX	600	20			F/W	8.34								
6:07		220	186			CEM	11.3	_		and a little		AD SLURRY			
6:36	XXX	450	102		7	CMT	14.2			13646	TAIL	SLURRY			
6:52								4.5					H UP TO PIT		
	XXX	1800	290			F/W	8.34	_				PLACEMEN'	Т		
7:40 7:43		1800 2900	10			F/W	8.34 8.34	_			SLOW RAT	P PLUG			
	XXX	0	0			F/W	8.34	_				FLOATS			
	XXX	0				F/W	8.34	_	- 5.5	DROP		VAIT 45 MIN	NUTES		
8:35	XXX	730	1		1	F/W	8.34				OPEN	TOOL			
8:36		700	20		5.5	F/W	8.34	BRO		ATION AND PUMP					
8:40				-	-		-		SWITCH	ED TO RIG TO CIRC					SKS
12:25 12:35		200	20		7	F/W	8.34				/W SPAC		T 2ND STAG	E	
12:39		210				CMT	11.3	_			EAD SLUR				
13:43		180	21			CMT	15.6	_			TAIL SLUR				
13:51									Tr	SHUT DOWN DR			TO PIT		
13:56		1800	198			F/W	8.34	-			SPLACEM				
14:30 14:34		1800	10		3	F/W	8.34				SLOW RAT				
14:34		3280 0				F/W	8.34					LOATS HELE	)		
14.33	XXX	0	-						SATIST	CIRCULATED 40BE				RFACE	
	xxx									THANK YOU					
REMARKS		100/100													
									1 777						
	NO. OF	YIELD	1.5			COMPO	SITION OF C	EMENT	ING SYSTEM	MS	La TI			SLURRY MIXE	
SYSTEM	I CACUC	CU. FT/SK	100							Film Sales			_	BLS	DENSITY
CODE	SACKS			POZ/H + 5%	(BWOW) PF	44 + 10% PF	20 + .1% PF81	3 + .4%	PF153 + 3 pp	ps PF42 + .4 pps PF4			186		11.3
CODE 1	345	3.02				E44 + 39/ 50	20 + 70/ pr	ene	ON DECE .	19/ DE1E2 - 48/ DE	012 . 4	DE DEAF	400		44.0
CODE 1 2	345 430	1.33	50/50	Poz/H + 39	6 (BWOW) P					1% PF153 + .1% PF			102		
CODE 1	345 430 890	1.33 3.02	50/50	Poz/H + 39	6 (BWOW) P		% PF20 + .4%	PF153	+3 pps PF	1% PF153 + .1% PF F42 + .4 pps PF45 +			479		14.2 11.3 15.6
CODE 1 2 3	345 430	1.33	50/50	Poz/H + 39	6 (BWOW) P		% PF20 + .4%		+3 pps PF						

NO X

WIRELINE

Cement Circulated To Surf.

IVAN GARCIA

OIL

GAS

Yes X

STORAGE

INJECTION

BRINE WATER

WILDCAT

# **BURNS XPRESS, LLC** AIRPATH AEM STATE SWD #1 5.5 2STG RE-ENTRY

6-23-16

DIFF

1<sup>St</sup> STG 1925#

Recipe:

PSI Test 5000#

20 Bbls MUD CLEAN

20 Bbls FW

186 Bbls @ 11.3# IN FIELD BIN 2042 #1 AND #2 (147 Bbls H2O)

102 Bbls @ 14.2# IN FIELD BIN 2042 #3 AND #4 (62 Bbls H2O)

SHUT DOWN & DROP PLUG

**DISPLACEMENT = 300 Bbls** 290 Bbls FW @ 7 BPM SLOW RATE @ 290 NO MORE THAN 1 BBLS OVER. Bump Plug 500# over.

Lead = 345 Sks 50/50/H + adds

Yield = 3.02 H20 = 17.9

Tail = 430 Sks 50/50/H + adds.

Yield = 1.33 H2O = 6.006 gal/sk

TOTAL H2O NEEDED = 670 Bbls

# BURNS XPRESS, LLC AIRPATH AEM STATE SWD #1 5.5 2STG RE-ENTRY

6-23-16

**2ND STG** 

DIFF

1531#

Recipe:

20 Bbls FW 479 Bbls @ 11.3# in FIELD BIN 2027 ALL TIERS (379 Bbls H2O) 21 Bbls @ 15.6# in 2004 F/T (12 Bbls H2O) SHUT DOWN & DROP PLUG

DISPLACEMENT = 208 Bbls 198 Bbls FW @ 7 BPM SLOW RATE @ 198 Bbls NO MORE THAN 1 BBLS OVER. Bump Plug 1500# over.

Lead = 890 Sks 50/50 C/Poz + adds Yield = 3.02 H20 = 17.896

Tail = 100 Sks H+ adds. Yield = 1.18 H2O = 5.216 gal/sk TOTAL H2O NEEDED = 750 Bbls



ART16-3118-01F

11279 Lovington Hwy Artesia, NM

Phone(575)748-8610 Fax: (575) 748-8625

**Customer: Burns Xpress** MD: 13054 Well Name: Airpath AEM State SWD #1 TVD: 13054

BHST: 184 County: Lea State: NM **BHCT: 146** Rig: Silver Oak 11

Salesman: Kurt Crowe

Report Date: June 21 2016

> Stage: 1st Stage Lead

String: Production Blend Type: **Field Blend** 

Reported By: Hernandez, Patricia

### **Slurry Information**

Density: 11.30 ppg Yield: 3.02 cuft/sk Mix Fluid: 17.900 gal/sk

#### **Slurry Composition**

Cement Ble	end: 50/	50PozH			
Additive	Conc		Design	Description	Lot Number
PF-044	5.000	%	BWOW	Salt	G3CB09
PF-020	10.00%	%	вжов	Bentonite Gel	Bulk
PF-813	0.10%		вжов	High Temp Retarder	28S3SM
PF-153	0.40%	%	BWOB	Anti Settling Agent	
PF-042	3.000	lb/sk	BWOB	KOLSEAL	BulK
PF-045	0.400	lb/sk	BWOB	Defoamer	201304AC
PF-029	0.125	lb/sk	BWOB	Cellophane	

Rheology (Average Readings)										
Temp	3	6	100	200	300	PV	YP			
80 °F	1	1.5	11	19	26	22.5	3.5			
146 °F	5	5.5	18	27	35	25.5	9.5			

No. 10 Table	Free Fluid								
Temp	Incl.	ml Collected	Start Time	Stop Time					
146 °F	0	4 ml/250	4:26	6:26					

		Т	hickening	Time	40 7 10 10	
Temp	POD	30 Bc	50 Bc	70 Bc	100 Bc	Batch Time
146 °F	3:26	4:22	5:29	7:08		0
	-	Thickening	Time doe	s not inclu	ude batch	time.



ART16-3118-02F

11279 Lovington Hwy Artesia, NM

Phone(575)748-8610 Fax: (575) 748-8625

**Customer: Burns Xpress** 

MD: 13054

Report Date:

June 20 2016

Well Name: Airpath AEM State SWD #1

TVD: 13054

1st Stage Tail Stage:

County: Lea

State: NM

BHST: 184

String: Production

Rig: Silver Oak 11 Salesman: Kurt Crowe

**BHCT: 146** 

Field Blend Blend Type:

Reported By:

Rodriguez, Sonny

## **Slurry Information**

Density: 14.20 ppg

Yield: 1.33 cuft/sk

Mix Fluid: 6.006 gal/sk

### **Slurry Composition**

Cement Blend:	50/	50PozH			
Additive	Conc		Design	Description	Lot Number
PF-044	3.000	%	BWOW	Salt	G3CB09
PF-020	2.00%	%	вжов	Bentonite Gel	Bulk
PF-606	0.70%	%	вжов	Fluid Loss	GS20121C01-26
PF-065	0.20%	%	BWOB	Dispersant	04110
PF-153	0.10%		BWOB	Anti Settling Agent	
PF-813	0.10%		BWOB	High Temp Retarder	28S3SM
PF-045	0.400	lb/sk	BWOB	Defoamer	201304AC

į	Rheology (Average Readings)										
	Temp	3	6	100	200	300	PV	YP			
	80 °F	10	11.5	51	84	120	103.5	16.5			
	146 °F	20	20.5	66	101.5	135	103.5	31.5			

Thickening Time										
Temp	POD	30 Bc	50 Bc	70 Bc	100 Bc	Batch Time				
146 °F	2:16	3:05	3:46	3:54		0				
		Thickening	Time doe	s not inclu	ude batch	time.				

Free Fluid								
Temp	Incl.	ml Collected	Start Time	Stop Time				
146 °F	0	0 ml/250	12:19	2:19				

Fluid Loss								
Temp	PSI	ml Collected	Minutes	API (Calc)				
146 °F	1000	65 ml	At 11	215				



ART16-3118-03F

11279 Lovington Hwy Artesia, NM

Phone(575)748-8610 Fax: (575) 748-8625

**Customer: Burns Xpress** 

MD: 9000

Report Date:

June 21 2016

Well Name: Airpath AEM State SWD #1

TVD: 9000

2nd Stage Lead Stage:

County: Lea

State: NM

BHST: 152

String:

Production

Rig: Silver Oak 11

**BHCT: 109** 

Blend Type:

**Field Blend** 

Salesman: Kurt Crowe

Reported By: Hernandez, Patricia

**Batch Time** 0

### **Slurry Information**

Density: 11.30 ppg

Yield: 3.02 cuft/sk

Mix Fluid: 17.896 gal/sk

#### **Slurry Composition**

Cement Ble	end: 50/	50PozC			
Additive	Conc		Design	Description	Lot Number
PF-044	5.000	%	BWOW	Salt	G3CB09
PF-020	10.00%	%	BWOB	Bentonite Gel	Bulk
PF-153	0.40%	%	BWOB	Anti Settling Agent	
PF-042	3.000	lb/sk	BWOB	KOLSEAL	BulK
PF-045	0.400	lb/sk	BWOB	Defoamer	201304AC
PF-029	0.125	lb/sk	BWOB	Cellophane	

	Rheology (Average Readings)						
Temp	3	6	100	200	300	PV	YP
80 °F	4	5.5	18	28	36	27	9
109 °F	6	7.5	22	33	43	31.5	11.5

Temp	POD	30 Bc	50 Bc	70 Bc	100 Bc	Bato
109 °F	5:50	6:28	7:08	7:56		
		Thickening	Time doe	s not inclu	ide batch	time.

**Thickening Time** 

	Free Fluid							
	Temp	Incl.	ml Collected	Start Time	Stop Time			
4	109 °F	0	2 ml/250	4:18	6:18			



ART16-3118-04F

11279 Lovington Hwy Artesia, NM

Phone(575)748-8610 Fax: (575) 748-8625

**Customer: Burns Xpress** 

MD: 9000

Report Date:

June 20 2016

Well Name: Airpath AEM State SWD #1

TVD: 9000

Stage:

2nd Stage Tail

County: Lea

State: NM

BHST: 152

String:

Production

Rig: Silver Oak 11

**BHCT: 109** 

Blend Type:

**Field Blend** 

Salesman: Kurt Crowe

Reported By: Hernandez, Patricia

**Slurry Information** 

Density: 15.60 ppg

Yield: 1.18 cuft/sk

Mix Fluid: 5.216 gal/sk

**Slurry Composition** 

Cement Blend:

Additive

PF-013

Class H

Conc

0.20% %

Design Description **BWOB** Retarder

Lot Number

MM02C-2752BK

	Rheology (Average Readings)								
-	Temp	3	6	100	200	300	PV	YP	
	80 °F	6.5	7.5	16	25	39	34.5	4.5	
	100 °F	12.5	19	37.5	45.5	55	26.25	28.75	

	000	Thickening Time							
Temp	POD	30 Bc	50 Bc	70 Bc	100 Bc	Batch Time			
109 °F	1:53	2:26	2:50	3:04		0			
	. (3	Thickening	Time doe	s not inclu	ude batch	time.			

Free Fluid							
Temp	Incl.	ml Collected	Start Time	Stop Time			
100 °F	0	2 ml/250	10:55	11:55			