

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1086066

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#	3180		API No. 15 - 15-083-21744-00-00
	t A. dba Deutsch Oil Con	npany	Spot Description:
Address 1: 8100 E 22ND	STN		SW_SW_NE_SW Sec. 31 Twp. 23 S. R. 23 East  West
Address 2:			
City: WICHITA	State: KS Zip: 6	67226 +	Feet from East / 🗹 West Line of Section
Contact Person: Kent De			Footages Calculated from Nearest Outside Section Corner:
Phone: (316) 681-3			□NE □NW □SE ☑SW
CONTRACTOR: License #			County: Hodgeman
Name: Maverick Drilling			Lease Name: STALLINGS Well #: 1-31
Wellsite Geologist: Kent D			Field Name:
Purchaser:			Producing Formation: Cherokke Sand
			Elevation: Ground: 2454 Kelly Bushing: 2464
Designate Type of Complet	_	Mindon	Total Depth: 4870 Plug Back Total Depth:
		Workover	Amount of Surface Pipe Set and Cemented at: 268 Feet
☑ Oil ☐ WS\	=	Slow	
Gas D&A	_	∐ sigw	Multiple Stage Cementing Collar Used?  Yes  No
□ og	☐ GSW	Temp. Abd.	If yes, show depth set: 1607 Feet
CM (Coal Bed Methal	ne)		If Alternate II completion, cement circulated from:
Cathodic Coth	er (Core, Expl., etc.):		feet depth to: sx cmt.
If Workover/Re-entry: Old	Well Info as follows:		
Operator:			
Well Name:			Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date:			
		IHR Conv. to SWD	Chloride content: 14000 ppm Fluid volume: 180 bbls
Deepering	Conv. to G		Dewatering method used: Evaporated
Plug Back:	_		Location of fluid disposal if hauled offsite:
Commingled		ack total bepar	
Dual Completion	<del></del>		Operator Name:
SWD			Lease Name: License #:
☐ ENHR			Quarter Sec Twp S. R East West
☐ GSW	Permit #:		County: Permit #:
_		01/16/2012	
Spud Date or C Recompletion Date		Completion Date or Recompletion Date	

#### **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:06/28/2012	
Confidential Release Date:  Wireline Log Received  Geologist Report Received  UIC Distribution  ALT ☐ I ☑ III ☐ III Approved by: NACMI JAMES Date: 07/10/2012	

Side Two



ch, Kent A. dba l	Deutsch Oil Company					Well #:1-3	1	
_s. R. <u>23</u>	☐ East	County:	Hodge	eman			<del>. ''</del> .	
d, flowing and shut if gas to surface tes	-in pressures, whether s st. along with final chart(	hut-in pressu	ire reacl	ned static level,	hydrostatic press	ures, bottom h	ole temper	rature, fluid
eels)	✓ Yes No		<b></b> ✓Lo	g Formation	n (Top), Depth an	d Datum	_	ample
gical Survey	[7] Yes □ No		Name			- F		atum ached
Electronically	Yes No Yes No Yes No			~				
. Neutron/Desity,	Sonic, Micro							
				_				
Size Hole Drilled	Size Casing Set (In O.D.)	Weig	ht	Setting Depth	Type of Cement	# Sacks Used		nd Percent Iditives
12.25	8.625	23		268	Class A	175	3%cc.,	2% GEL.
	ADDITIONA	L CEMENTIN	1G / SQL	JEEZE RECORD				
Depth Top Bottom			Used	Type and Percent Additives				
4734-4738 1607-	Class A 75 60/40 POZ 225			8% gel, 1/4#/sx. floseal				
PERFORATI Specify	ON RECORD - Bridge Plu Footage of Each Interval Pe	igs Set/Type enforated					ord	Depth
4734-4738						<u> </u>		
						. <u>.</u>		
Size: .875	Set At: 4800	Packer A	t:		Yes 📝 N	0		
Production, SWD or El	NHR. Producing Me	_	9 [	Gas Lift 🔲	Other (Explain)			
OII 20	Bbls. Gas 0	Mcf			3bis.	Gas-Oil Ratio		Gravity
ON OF GAS:	Open Hole	METHOD OF	Duall	y Comp. 🔲 Co			ION INTER	VAL:
	S. R. 23 rimportant tops and shut if gas to surface test ich final geological sets) gical Survey  Electronically  Neutron/Desity,  Size Hole Drilled  12.25  Cepth Top Bottom  4734-4738  1607-  PERFORAT' Specify  4734-4738  OII  20  ON OF GAS:	S. R. 23	S. R. 23	S. R. 23	rimportant tops and base of formations penetrated. Detail all cores. Report all fid, flowing and shut-in pressures, whether shut-in pressure reached static level, if gas to surface test, along with final chart(s). Attach extra sheet if more space ich final geological well site report.    Yes		_ S. R. 23	

Form	ACO1 - Well Completion
Operator	Deutsch, Kent A. dba Deutsch Oil Company
Well Name	STALLINGS 1-31
Doc ID	1086066

# Tops

Name	Тор	Datum
Heebner Sh.	4028	1564
Lansing	4086	1622
Base K.C.	4504	2040
Marmaton	4516	2052
Pawnee	4588	2124
Ft. Scott	4616	2152
Cherokee Sand	4734	2270
Mississippi	4802	2338

Conservation Division Finney State Office Building 130 S. Market, Rm. 2078 Wichita, KS 67202-3802



Phone: 316-337-6200 Fax: 316-337-6211 http://kcc.ks.gov/

Sam Brownback, Governor

Mark Sievers, Chairman Ward Loyd, Commissioner Thomas E. Wright, Commissioner

June 28, 2012

Kent Deutsch Deutsch, Kent A. dba Deutsch Oil Company 8100 E 22ND ST N WICHITA, KS 67226

Re: ACO1 API 15-083-21744-00-00 STALLINGS 1-31 SW/4 Sec.31-23S-23W Hodgeman 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, Kent Deutsch Conservation Division Finney State Office Building 130 S. Market, Rm. 2078 Wichita, KS 67202-3802



Phone: 316-337-6200 Fax: 316-337-6211 http://kcc.ks.gov/

Sam Brownback, Governor

Mark Sievers, Chairman Ward Loyd, Commissioner Thomas E. Wright, Commissioner

July 02, 2012

Kent Deutsch Deutsch, Kent A. dba Deutsch Oil Company 8100 E 22ND ST N WICHITA, KS 67226

Re: ACO-1 API 15-083-21744-00-00 STALLINGS 1-31 SW/4 Sec.31-23S-23W Hodgeman County, Kansas

Dear Kent Deutsch:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 01/06/2012 and the ACO-1 was received on June 28, 2012 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

**Production Department** 

# ALLIED CEMENTING CO., LLC. 042442

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OWNER SOME  OWNER	3.262.
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SPLACEMENT   21.4   ASC   11.4   Type 2 225 181 @ 14.50   3.	151 2 <u>c</u>
EQUIPMENT  Lite Type 2 225 181 @ 14.50 3.  WHOTRUCK CEMENTER Lakere ///2710 6 90 1 56 # @ 2.70 1.  224 HELPER Jan P 90 90 13.10 20  WHATRUCK @ 90 13.10 20  WHATRUCK @ 90 13.10 20  WHATRUCK @ 90 13.10 20  REMARKS: ## HANDLING 124 184 90 90 90 90 90 90 90 90 90 90 90 90 90	151 2 <u>c</u>
UMPTRUCK CEMENTER Lakere ///2770 C  274 HELPER Jan P  ULK TRUCK  467-194 DRIVER KOWN W  ULK TRUCK  DRIVER  HANDLING 124 545 @ 2.25 7  MILEAGE -114 224 / 214 22 94  SERVICE  MIN 275 544 (2000)  DEPTH OF JOB 3732	151 2 <u>c</u>
UMPTRUCK CEMENTER Lakere ///strick 9000 3 #650 13,10 20  274 HELPER Jac P  ULK TRUCK  492-194 DRIVER KOWLO W  ULK TRUCK  DRIVER  HANDLING 124 545 @ 2.25 7  MILEAGE WE 244 13,1/2 96  REMARKS:  TOTAL 5  SERVICE  May 275 444 (2000)  DEPTH OF JOB 3732	
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DRIVER  HANDLING 124 5 K 9 2.25 7  MILEAGE W 224 / 324 9 99  REMARKS:  TOTAL 5  SERVICE  My 275 4K Center 5  DEPTH OF JOB 3732	
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Set Bide play + Afot Gent  Open for Coller  No. 275 ffc Concet  Depth of Job 3732	62.35
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Mix 225 sks leneat DEPTH OF JOB 3732	
Lose pro celler DEPTH OF JOB 3732	
	<u>. 447</u>
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MELVMILLOW 5Y @ 4.35mile	716
@	
CHARGE TO: Dex 7504 01/ 60	
TOTAL 2	2819-
TREET	
PLUG & FLOAT EQUIPMENT	
<u> </u>	
To Allied Cementing Co., LLC.	
You are hereby requested to rent cementing equipment	
and furnish cementer and helper(s) to assist owner or	
contractor to do work as is listed. The above work was	
done to satisfaction and supervision of owner agent or TOTAL	
contractor. I have read and understand the "GENERAL	
TERMS AND CONDITIONS" listed on the reverse side. SALES TAX (If Any)	
TEIGHOVE CONDITIONS Historia de la contra sida.	
TOTAL CHARGES 7950.13	
TOTAL CHARGES 7958.13	IN 30 DA
PRINTED NAME A LAND DISCOUNT TOTAL CHARGES 7950. 18 DISCOUNT TOTAL CHARGES 7950. 18 DISCOUNT TOTAL CHARGES 7950. 18  5582.91	IN 30 DA
TOTAL CHARGES 7950.13	IN 30 DA

# ALLIED CEMENTING CO., LLC. 038000

		SERV	ICE POINT:	ako US
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SEC TWE RANGE CAL	LED OUT	ON LOCATION	JOB START	JOB FINISH
DATE 1-16-12 SEC. TWP 235 236 CAD	41	66 Much	Homene	STATE
LEASE Stollags WELL # 1-3/ LOCATION DOTMORO (	1. b. 100/15 !	A CAMB	ne-year	
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CONTRACTOR Markk Right 108	OWNER Dec	tsch Orl	<u>(0.</u>	
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CASING SIZE 3/2	12CCKA	ASC TO KOLSO	a(4.3% F	1-760
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MINIMUM	POZMIX	<i>∴</i> (\)?	$\alpha \in \mathcal{O}$	
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CEMENT LEFT IN CSG. 21'	CHLORIDE		@	
DISPLACEMENT 117 415 HOUNG	ASC Class	A 185.		
DISPLACEMENT 117 W/s Holper	Kol5801			9 <u>556.85</u> 0 <u>108.00</u>
EQUIPMENT	FL-160	35	<u>4</u> @ 17.2	
a selection	ASE		3c/2@9	1 1821-084
PUMPTRUER COMENTER MONTHUMEN			@	
71/302 HPLPER for 61/01		·		
BULK TRUER  DRIVER PECK GALAS			@	
BULK TRUCK				
BULK IROCK DRIVER	HANDLING	<u> 211</u>	@_=4.6	D 474.10
<u> </u>	MILEAGE.	30x211x-11		
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	1. Kara	foles		40 392.00
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To Allied Cementing Co., LLC.	1- 6010	Actor chors	<u></u>	340- SHO-
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the comenter and helper(s) to assist owner or	7- ba	skots:		337 674
naturator to do work as is listed. The above work wa	ış ,	•	:	TOTAL 44715-
to entirfaction and supervision of owner agent of			•	
I have good and understand the UCNERO		TAX (If Any) —	·	
TERMS AND CONDITIONS" listed on the reverse si	uc.		\$13.2	189.20 ·
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PRINTED NAME		•		• •
Y Land AI AA		•		•
SIGNATURE				



...O. BOX 31 RUSSELL, KANSAS 67665 SERVICE POINT: Liberalks.

DATE   O -11 31   23.5   23								
STABLE STATE  SALES TAX (If Any)  TOTAL 111 On DAY  SALES TAX (If Any)  SALES TAX (If Any)  SALES TAX (If Any)  TOTAL 111 On DAY  TOTAL 111 On DAY  SALES TAX (If Any)  TOTAL 111 On DAY  TOTAL 111 On DAY  SALES TAX (If Any)  TOTAL 111 On DAY  TOTAL 111 On DAY  SALES TAX (If Any)  TOTAL 111 On DAY  TOTAL 111 On DAY  SALES TAX (If Any)  TOTAL 111 On DAY  TOTAL 111 On DAY  SALES TAX (If Any)  TOTAL 111 On DAY  SALES TAX (If Any)  TOTAL 111 On DAY  TOTAL 111 On DAY  TOTAL 111 On DAY  SALES TAX (If Any)  TOTAL 111 On DAY  TOTAL 112 ON DAY  TOTAL 112 ON DAY  TOTAL 113 ON DAY  TOTAL 113 ON DAY  TOTAL 114 ON DAY  TOT	DATE 1 = 07 = 11	SEC. スリ	125	RANGE 23	CALLED OUT	ON LOCATION	JOH START	JOB FINISH
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DRILL PIPE DEPTH TOOL DEPTH PRES, MAX MINIMUM MEAS, LINE SHOE JOINT COMMON POZMIX GEL	CASING SIZE 8	<u>578</u>			AMOUNT OF	EDERED 113	Cla	.ss #
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PUMPTRUCK CEMENTER KELLING  #470-484 HELPER Jos C  BULK TRUCK  # LOT DRIVER   ELLIP TOTAL  REMARKS:  REMARKS:  DEPTH OF JOB  PUMPTRUCK CHARGE   1125. E  EXTRA FOOTAGE   MILEAGE   30. 9 J.00. 210.00  MILEAGE   30. 9 J.00.00  MILEAGE   30. 9 J.00. 210.00  MILEAGE   30. 9 J.00.00  MILEAGE   30. 9 J.00.00  MI						φ	<b>~</b>	المناكات و
PUMPTRUCK CEMENTER Kedang  #472-467 DRIVER   PLEE MICK BULK TRUCK	DISTERCENTERY	******	100 450 450				~	
PUMPTRUCK CEMENTER Kedding #472-484 HELPER Tos ( BULK TRUCK BULK TRUCK BULK TRUCK REMARKS:  REMARKS:  REMARKS:  TOTAL 4277.  SERVICE  DEPTH OF JOB PUMPTRUCK CHARGE EXTRA FOOTAGE MILEAGE MILEAGE TOTAL 4277.  CHARGE TO: Deat Sch O: Company STREET  CITY STATE ZIP  PLUG & FLOAT EQUIPMENT  TOTAL 4455.  TOTAL 4455.  TOTAL 4455.  PLUG & FLOAT EQUIPMENT  TOTAL 4455.  SALES TAX (If Any) TOTAL 1415.  SALES TAX (If Any) TOTAL CHARGES \$5844. 90  INTERMS AND CONDITIONS" listed on the reverse side.  PRINTED NAME Trank Strucks  DEPTH OF JOB PUMPTRUCK CHARGE  MILEAGE  TOTAL 4277.  AMNIFOLD  MANIFOLD  MANI		EQU	HPMENT		<del></del>			
THANK YOUTT  CHARGE TO: Deat Sch Dil Company  STREET  CITY STATE ZIP  TOTAL 1425  TOTAL 1455  TOTAL 1455  TOTAL 1455  PLUG & FLOAT EQUIPMENT  PLUG & FLOAT EQUIPMENT  TOTAL 1410  TOTAL 14								
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BULK TRUCK		<u>HELPER</u>	$\supset as a$	<u> </u>		-1-7-2		
BULK TRUCK  # DRIVER  HANDLING 184 @ 2.25 414.  REMARKS:  TOTAL 42.77.  SERVICE  DEPTH OF JOB PUMP TRUCK CHARGE 1125. C EXTRA FOOTAGE MILEAGE 30. © 7.02 210.0  MILEAGE 40.0  MI			,					<del></del>
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SIGNATURE	SIGNATURE							•



### DRILL STEM TEST REPORT

Deutsch Oil Company

31-23s-23w-Hodgeman

8100 E. 22nd Street North

Stallings #1-31

**Building 600** Wichita, KS. 67226

Job Ticket: 44718

DST#:1

ATTN: Kent Deutsch

Test Start: 2012.01.14 @ 19:35:41

#### **GENERAL INFORMATION:**

Formation:

Cherokee Sand

Deviated:

No Whipstock: 0.00 ft (KB)

Test Type: Conventional Bottom Hole (Initial)

Jason McLemore

Time Tool Opened: 22:07:11 Time Test Ended: 04:17:41

Unit No:

Tester:

54

Interval:

4724.00 ft (KB) To 4740.00 ft (KB) (TVD)

Reference Bevations:

2464.00 ft (KB)

Total Depth:

4740.00 ft (KB) (TVD)

2451.00 ft (CF)

Hole Diameter:

7.80 inches Hole Condition: Good

KB to GR/CF:

13.00 ft

Serial #: 8673 Press@RunDepth: Inside

4727.00 ft (KB)

Capacity:

8000.00 psig

Start Date: Start Time: 221.07 psig @

2012.01.14 19:35:43

End Date: End Time: 2012.01.15 04:17:41

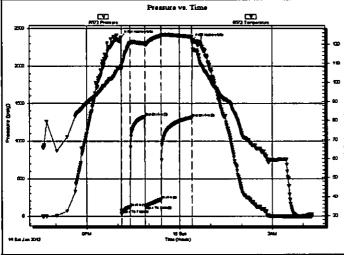
Last Calib.: Time On Btm: 2012.01.15

Time Off Btm:

2012.01.14 @ 22:06:41 2012.01.15 @ 00:24:26

TEST COMMENT: IFP-Strong, BOB in 4-1/2 Min. ISI-Blow back Built to 5" FFP-Strong, BOB in 5 Min.

FSI-Blow back Built to 7"



		PI	RESSUR	RE SUMMARY
1	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
Ì	0	2386.88	108.44	Initial Hydro-static
	1	31.10	107.95	Open To Flow (1)
	18	123.57	120.72	Shut-In(1)
4	46	1328.04	120.35	End Shut-In(1)
å	46	140.30	119.85	Open To Flow (2)
Temperature (deg f)	78	221.07	124.54	Shut-In(2)
(Ge	138	1316.54	123.97	End Shut-In(2)
٦	138	2344.15	124.01	Final Hydro-static

#### Recovery

Langth (ft)	Description	Volume (bbl)
240.00	Gassy MCO-30%G-60%O-10%M	1.20
315.00	Free Oil	4.42
0.00	465' Gas in Pipe	0.00

Gas Rates

Chole (Inches) Pressure (psig) Gas Rate (Mcl/d)

Trilobite Testing, Inc

Ref. No: 44718

Printed: 2012.01.16 @ 08:32:27



## **DRILL STEM TEST REPORT**

**FLUID SUMMARY** 

Deutsch Oil Company

31-23s-23w-Hodgeman

8100 E. 22nd Street North

Stallings #1-31 Job Ticket: 44718

DST#:1

**Building 600** Wichita, KS. 67226

ATTN: Kent Deutsch

Test Start: 2012.01.14 @ 19:35:41

#### **Mud and Cushion Information**

Mud Type: Gel Chem

10.00 lb/gal

Mud Weight: Viscosity:

51.00 sec/qt 8.79 in<sup>3</sup>

Water Loss: Resistivity:

ohmm 5700.00 ppm

Sallnity: Filter Cake:

**Qushion Type:** 

**Cushion Length: Cushion Volume:**  ft

Oil API:

Water Salinity:

36 deg API ppm

Gas Cushlon Type:

Gas Cushion Pressure:

psig

bbl

# **Recovery Information**

#### Recovery Table

Length ft	Description	Volume bbl
240.00	Gassy MCO-30%G-60%O-10%M	1.198
315.00	Free Oil	4.419
0.00	465' Gas in Pipe	0.000

Total Length:

555.00 ft

Total Volume:

5.617 bbl

Num Fluid Samples: 0 Laboratory Name:

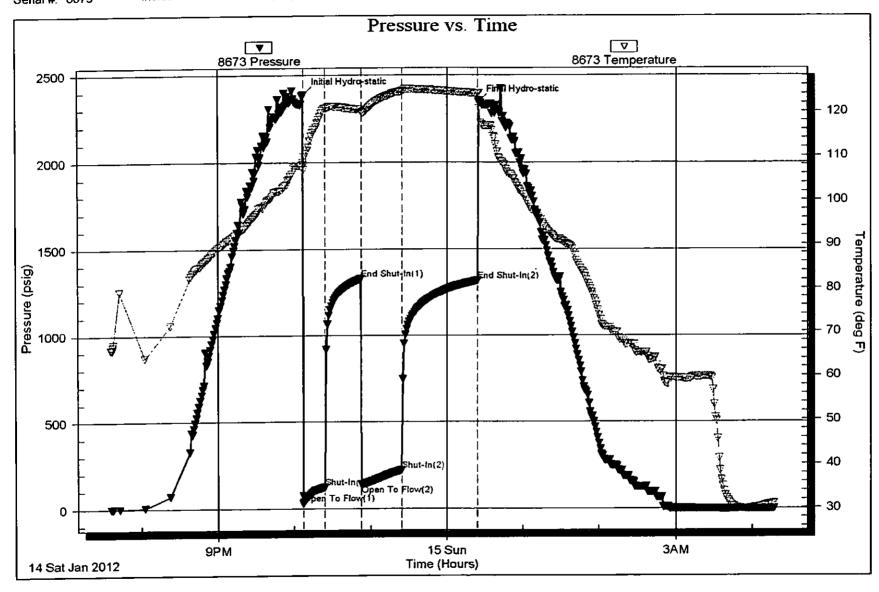
Num Gas Bombs:

Serial #:

Recovery Comments:

**Laboratory Location:** 

Ref. No: 44718



Trilobite Testing, Inc

Ref. No: 44718

Printed: 2012.01.16 @ 08:32:28