

Kansas Corporation Commission Oil & Gas Conservation Division

1119776

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 #	API No. 15
Name:	Spot Description:
Address 1:	SecTwpS. R 🗌 East 🗌 West
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from _ East / _ West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
□ Oil □ WSW □ SHOW □ Gas □ D&A □ ENHR □ SIGW □ OG □ GSW □ Temp. Abd. □ CM (Coal Bed Methane) □ Cathodic □ Other (Core, Expl., etc.):	Amount of Surface Pipe Set and Cemented at: Feet Multiple Stage Cementing Collar Used? Yes No If yes, show depth set: Feet If Alternate II completion, cement circulated from: sx cmt.
If Workover/Re-entry: Old Well Info as follows:	
Operator: Well Name: Original Total Depth: Deepening Re-perf. Conv. to ENHR Conv. to SWD Conv. to GSW	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) Chloride content: ppm Fluid volume: bbls Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Spud Date or Date Reached TD Completion Date or Recompletion Date 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:						
Confidential Release Date:						
☐ Wireline Log Received						
Geologist Report Received						
UIC Distribution						
ALT I II Approved by: Date:						

Side Two

1119776

Operator Name:				_ Lease N	lame:			Well #:		
Sec Twp	S. R	East	West	County:						
INSTRUCTIONS: Sh time tool open and clo recovery, and flow rate line Logs surveyed. A	osed, flowing and shu es if gas to surface te	t-in pressures, st, along with f	whether sh inal chart(s	nut-in press	ure reach	ed static level,	hydrostatic pres	ssures, bottom h	ole temp	erature, fluid
Drill Stem Tests Taker (Attach Additional S		Yes	No		Log	y Formation	n (Top), Depth a	nd Datum		Sample
Samples Sent to Geo	logical Survey	Yes	No		Name			Тор	I	Datum
Cores Taken Electric Log Run Electric Log Submitte (If no, Submit Copy	d Electronically	Yes Yes Yes	☐ No ☐ No ☐ No							
List All E. Logs Run:										
		Report all	CASING I		New	Used mediate, producti	on, etc.			
Purpose of String	Size Hole Drilled	Size Ca Set (In C	sing	Weigi Lbs. /	ht	Setting Depth	Type of Cement	# Sacks Used	, ,,	and Percent dditives
		AI	DDITIONAL	CEMENTIN	G / SQUE	EZE RECORD				
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone Depth Top Bottom Type of Cement Type of Cement		ement	# Sacks	Used		Type and	Percent Additives			
Shots Per Foot	PERFORATI Specify I	ON RECORD - Footage of Each	Bridge Plugs Interval Perfo	s Set/Type orated			cture, Shot, Cemei mount and Kind of N		d 	Depth
TUBING RECORD:	Size:	Set At:		Packer At:		Liner Run:				
Date of First, Resumed	Production, SWD or EN		ducing Meth	od:		as Lift C	Yes No	0		
Estimated Production Per 24 Hours	Oil	Bbls.		Mcf	Water		ols.	Gas-Oil Ratio		Gravity
DISPOSITIO	ON OF GAS:		M	IETHOD OF	COMPLET	ION:		PRODUCTIO	ON INTER	VAL:
Vented Sold	Used on Lease	Open	Hole Specify)	Perf.	Dually ((Submit AC		nmingled mit ACO-4)			

Form	ACO1 - Well Completion		
Operator	Eternity Exploration, LLC		
Well Name	C. Bittel 1		
Doc ID	1119776		

Tops

Name	Тор	Datum
Anhydrite	2229	+370
Base Anhydrite	2263	+336
Topeka	3602	-1003
Heebner	3820	-1221
Toronto	3842	-1243
Lansing	3856	-1257
Muncie Creek	3983	-1384
B/KC	4088	-1489
LTD	4127	-1528

REMIT TO RR 1 BOX 90 D HOXIE KS 67740

SCHIPPERS OIL FIELD SERVICE L.L.C.

DATE 8/18/12 SEC. 1/	RANGE/TWP. 10-26				
DATE 8/18/12 SEC.	RANGE/TWP. 10 - 26	CALLED OUT	ON LOCATION	JOB START	JOB FINISI
				COUNTY	STATE
EASE (STIC!		WELL#			
CONTRACTOR W	0	OWNER /			
TYPE OF JOB	T.D. 218		111		
HOLE SIZE 12-25		CEMENT	165		
CASING SIZE 8 5/8	DEPTH Z/8	AMOUNT ORDERED			
FUBING SIZE	DEPTH				
DRILL PIPE 1/1/	DEPTH	The second secon			
LOOL	DEPTH		-		
PRES. MAX	MINIMUM	COMMON	165	@ 15-	
DISPLACEMENT /2.5661	SHOE JOINT	POZMIX		@	
CEMENT LEFT IN CSG.	5-2011	GEL	3	@ 26	
PERFS		CHLORIDE	5	@ =	
	The second secon	ASC		@	
EQUPIMENT				@	
	7			@	
PUMP TRUCK				@	
Jey				@	
BULK TRUCK				@	
Fr.C				@	
BULK TRUCK				@	
				@	
				@	
		HANDLNG	173	@ 2 4	
		MILEAGE	2.5	@ 17-	
				TOTAL	
REMARKS		SERVICE Ser- S			
flug lows	1 45 PM	DEPT OF JOB			
1109 1000	CF	PUMP TRUCK CHARGE	3	@	1050
		EXTRA FOOTAGE		@	
		MILEAGE	1281	@ 62	
Circ Cemen	MANIFOLD				
- CEMEN		MANUFOLD 7 X Y Z			
			Unt :	@ 7	1
				·	
CHARGE TO: Etenno	V. F. almotin		Mark Street		
CHARGE TO: Etemo	STATE TEXA				
TREET	ZID				

To: Schippers Oil Field Service LLC
You are hereby requested to rent cementing equipment
and furnish staff to assist owner or contractor to do work
as is listed. The above work was done to satisfaction and
supervision of owner agent or contractor. I have read &
understand the "TERMS AND CONDITIONS" listed
on the reverse side.

PLUG & FLOAT EQUIPMENT	
	@
	@
	@
	@
	@
	TOTAL
TAX	
TOTAL CHARGE	
DISCOUNT (IF PAID IN 20 DAYS)	

SIGNATURE A MAL

PRINTED NAME

F IT TO RR I BOX 90 D HOXIE KS 67740

SCHIPPERS OIL FIELD SERVICE L.L.C.

DATE 8/24 SEC. 1/	RANGE/TWP. 11-26	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
				COUNTY	STATE
LEASE Bi	Hel	WELL#			
CONTRACTOR WW	6	OWNER Eternity			
TYPE OF JOB		7			
HOLE SIZE	T.D.	CEMENT 705 5			
CASING SIZE	DEPTH	AMOUNT ORDERED			
TUBING SIZE	DEPTH				
DRILL PIPE	DEPTH				
TOOL	DEPTH		123	15 50	
PRES. MAX	MINIMUM	COMMON	82	@85	
DISPLACEMENT	SHOE JOINT	POZMIX	7	@26	
CEMENT LEFT IN CSG.		GEL		@	
PERFS		CHLORIDE		@	
		ASC		@	
EQUPIMENT				@	
				@	
PUMP TRUCK		Als soul	5/ 12	@ 235	1154
# 507				@	
BULK TRUCK				@	
# 1/-				@	2000
BULK TRUCK	0945			@	
#	10/			@	
" flugged				@ 15	
1 8:		HANDLNG	212	@ 215	11-180
		MILEAGE	78	@ 2120	455
			28	TOTAL	573
				TOTAL	
REMARKS		SERVICE R. 1	01		
	Sicc	DEPT OF JOB	Plus	@	
	100° -1	PUMP TRUCK CHARGE		@	1200
	40.	EXTRA FOOTAGE	10 A 10	@	1330
the state of the s	10	MILEAGE 29 22		@ 62	36400
	30 < 44	MANIFOLD		18 0	112 00
1/20 1131 0 .		MANIFOLD	L 2817	@ 2 2	// -
		10 VT	-011	-	
				TOTAL	
CHARGE TO:	2				
STREET .	STATE				
CITY	ZIP				
<u> </u>					
		DI LIC & EL OTT. EOTIMAN	NIT	T	
To: Schippers Oil Field Service LLC		PLUG & FLOAT EQUIPME	0.79		
To: Schippers Oil Field Service LLC	otine agginment	A /4		@ 7.9	
You are hereby requested to rent cemer				@	
and furnish staff to assist owner or con				@	
as is listed. The above work was done			@		
supervision of owner agent or contracte			@		
understand the "TERMS AND CONDI	HONS" listed		TOTAL		
on the reverse side.		TAX			
		TOTAL CHARGE			

SIGNATURE

PRINTED NAME

DISCOUNT (IF PAID IN 20 DAYS)



Eternity Exploration, Inc.

11-10s-26w, Sheridan, KS

338 Spyglass Dr

C Bittel #1

Coppell TX 75019

Job Ticket: 48555 DST#: 1

ATTN: Scott Alberg

Test Start: 2012.08.21 @ 22:15:00

GENERAL INFORMATION:

Formation: Tor,KC'A-C'

Deviated: Test Type: Conventional Bottom Hole (Initial) No Whipstock: ft (KB)

2012.08.22

06:32:29

Time Tool Opened: 01:27:00 Time Test Ended: 06:32:30

Tester: Brett Dickinson

Unit No: 59

2599.00 ft (KB)

8000.00 psig

3815.00 ft (KB) To 3910.00 ft (KB) (TVD) 3910.00 ft (KB) (TVD)

Reference Elevations: 2594.00 ft (CF)

> KB to GR/CF: 5.00 ft

7.88 inches Hole Condition: Fair Hole Diameter:

Serial #: 6753 Inside

Interval:

Total Depth:

Start Date:

Start Time:

Press@RunDepth: 3816.00 ft (KB) 182.71 psig @

22:15:05

2012.08.21 End Date:

End Time:

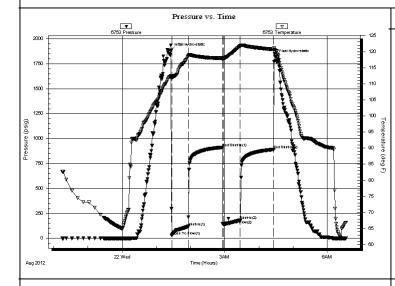
Capacity:

Last Calib.: 2012.08.22 Time On Btm: 2012.08.22 @ 01:26:00

2012.08.22 @ 04:29:30 Time Off Btm:

TEST COMMENT: IF-BOB in 20min

ISI-No blow FF-BOB in 30min FSI-No blow



PRESSURE SUMMARY

Pressure	Temp	Annotation
(psig)	(deg F)	
1883.81	112.42	Initial Hydro-static
27.44	111.99	Open To Flow (1)
119.37	118.49	Shut-In(1)
912.08	117.98	End Shut-In(1)
137.60	117.85	Open To Flow (2)
182.71	121.61	Shut-In(2)
891.18	120.68	End Shut-In(2)
1819.04	120.31	Final Hydro-static
	(psig) 1883.81 27.44 119.37 912.08 137.60 182.71 891.18	(psig) (deg F) 1883.81 112.42 27.44 111.99 119.37 118.49 912.08 117.98 137.60 117.85 182.71 121.61 891.18 120.68

Recovery

Length (ft)	Description	Volume (bbl)
120.00	VSOMCW 5%O 85%W 10%M	0.59
215.00	SOMCW 10%O 40%M 50%W	3.02

Gas Rates

Choke (inches) Pressure (psig) Gas Rate (Mcf/d)

Trilobite Testing, Inc. Ref. No: 48555 Printed: 2012.08.22 @ 07:55:42



FLUID SUMMARY

Eternity Exploration, Inc.

11-10s-26w, Sheridan, KS

338 Spyglass Dr Coppell TX 75019 C Bittel #1

Job Ticket: 48555

DST#: 1

ATTN: Scott Alberg

Test Start: 2012.08.21 @ 22:15:00

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: 75000 ppm

Viscosity: 78.00 sec/qt Cushion Volume: bbl

Water Loss: 7.60 in³ Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 2300.00 ppm Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	VSOMCW 5%O 85%W 10%M	0.590
215.00	SOMCW 10%O 40%M 50%W	3.016

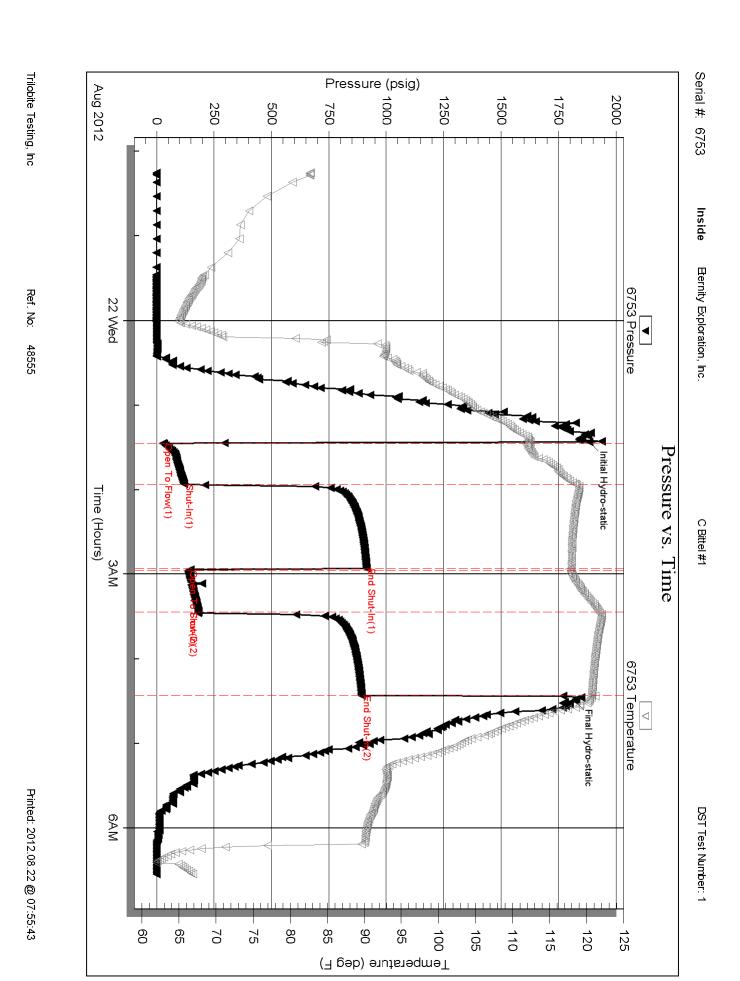
Total Length: 335.00 ft Total Volume: 3.606 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: RW .12@ 62

Trilobite Testing, Inc Ref. No: 48555 Printed: 2012.08.22 @ 07:55:43





Eternity Exploration, Inc.

ATTN: Scott Alberg

11-10s-26w Sheridan, KS

C Bittel #1

338 Spyglass Dr

Coppell TX 75019

Job Ticket: 48556 DST#: 2

Test Start: 2012.08.22 @ 12:55:00

GENERAL INFORMATION:

Formation: KC"E,F"

Deviated: Test Type: Conventional Bottom Hole (Reset) No Whipstock: ft (KB)

Time Tool Opened: 14:40:30 Tester: Brett Dickinson

Time Test Ended: 19:33:00 Unit No: 59

Interval: 3912.00 ft (KB) To 3944.00 ft (KB) (TVD) Reference Elevations: 2599.00 ft (KB) Total Depth: 3944.00 ft (KB) (TVD)

2594.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 5.00 ft

Serial #: 6753 Inside

Press@RunDepth: 3913.00 ft (KB) 124.82 psig @ Capacity: 8000.00 psig

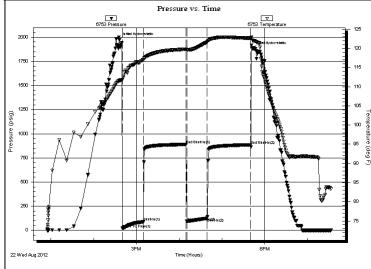
Start Date: 2012.08.22 End Date: 2012.08.22 Last Calib.: 2012.08.22 Start Time: 12:55:05 End Time: 19:32:59 Time On Btm: 2012.08.22 @ 14:36:00

Time Off Btm: 2012.08.22 @ 17:43:00

DDECCLIDE CLIMMADY

TEST COMMENT: IF-7in blow

ISI-No blow FF-5in blow FSI-No blow



	PRESSURE SUMMARY						
Ī	Time	Pressure	Temp	Annotation			
	(Min.)	(psig)	(deg F)				
	0	1970.39	111.52	Initial Hydro-static			
	5	20.43	111.83	Open To Flow (1)			
	34	88.18	116.95	Shut-In(1)			
7	94	889.07	119.78	End Shut-In(1)			
Temperature	95	92.70	119.59	Open To Flow (2)			
rature	123	124.82	121.63	Shut-In(2)			
den	184	884.93	122.69	End Shut-In(2)			
פ	187	1880.43	122.04	Final Hydro-static			

Recovery

Length (ft)	Description	Volume (bbl)	
180.00	MCW 85%W 15%M	1.43	
45.00	Oil spotted WCM 30%W 70%M	0.63	
* Recovery from multiple tests			

Gas Rates				
	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)	

Trilobite Testing, Inc. Ref. No: 48556 Printed: 2012.08.23 @ 07:44:37



FLUID SUMMARY

Eternity Exploration, Inc.

11-10s-26w Sheridan,KS

338 Spyglass Dr Coppell TX 75019 C Bittel #1

Job Ticket: 48556

DST#: 2

ATTN: Scott Alberg

Test Start: 2012.08.22 @ 12:55:00

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: 66000 ppm

Viscosity: 65.00 sec/qt Cushion Volume: bbl

Water Loss: 7.59 in³ Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 2300.00 ppm Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
180.00	MCW 85%W 15%M	1.432
45.00	Oil spotted WCM 30%W 70%M	0.631

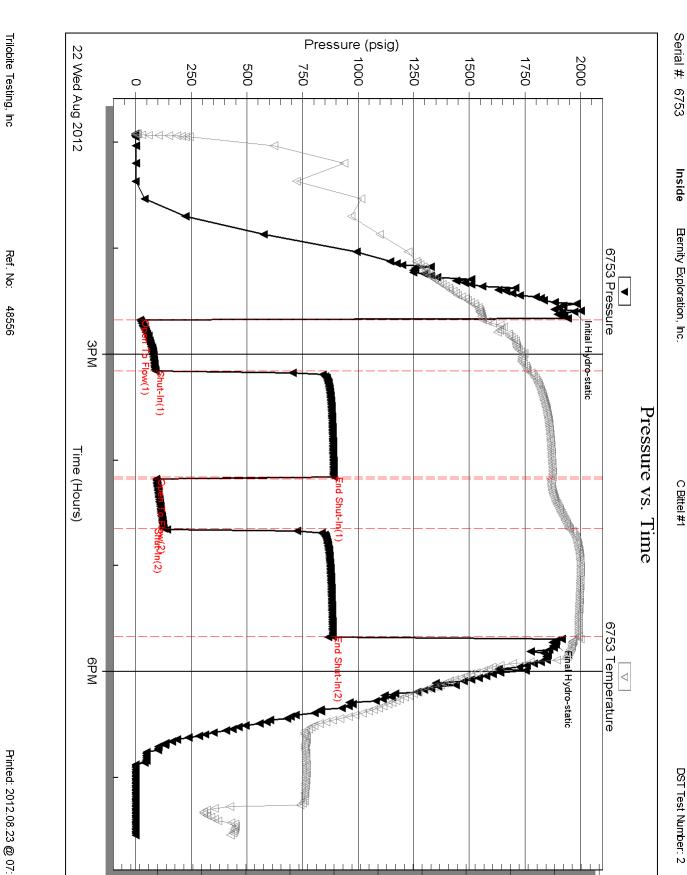
Total Length: 225.00 ft Total Volume: 2.063 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: RW .11 @ 75

Trilobite Testing, Inc Ref. No: 48556 Printed: 2012.08.23 @ 07:44:38



- 75

Temperature (deg F)



Eternity Exploration, Inc.

11-10s-26w, Sheridan, KS

338 Spyglass Dr

C Bittel #1

Coppell TX 75019

ATTN: Scott Alberg

Job Ticket: 48557 DST#: 3

Test Start: 2012.08.23 @ 09:45:00

GENERAL INFORMATION:

Formation: KC"H-K"

Deviated: Test Type: Conventional Bottom Hole (Reset) No Whipstock: ft (KB)

Time Tool Opened: 11:56:00 Time Test Ended: 15:25:00

Brett Dickinson

Unit No: 59

Tester:

3974.00 ft (KB) To 4066.00 ft (KB) (TVD)

Reference Elevations:

2599.00 ft (KB) 2594.00 ft (CF)

Total Depth: 4066.00 ft (KB) (TVD)

7.88 inches Hole Condition: Fair Hole Diameter:

KB to GR/CF: 5.00 ft

Serial #: 6753 Press@RunDepth: Inside

31.72 psig @

3975.00 ft (KB)

Capacity: Last Calib.: 8000.00 psig

Start Date: Start Time:

Interval:

2012.08.23 09:45:05 End Date: End Time: 2012.08.23 15:24:59

Time On Btm:

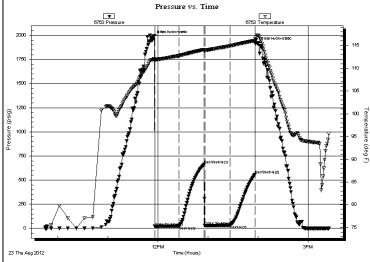
2012.08.23

Time Off Btm:

2012.08.23 @ 11:54:30 2012.08.23 @ 13:59:30

TEST COMMENT: IF-1/2" blow died back to 1/8"

ISI-No blow FF-No blow FSI-No blow



Annotation Time Pressure Temp (Min.) (psig) (deg F) 0 1976.34 111.97 | Initial Hydro-static 20.38 111.59 Open To Flow (1) 2 112.73 | Shut-In(1) 31 25.65 61 661.23 114.06 End Shut-In(1) 27.24 Open To Flow (2) 62 113.91 92 31.72 Shut-In(2) 114.87 122 557.24 116.04 End Shut-In(2) 1906.34 Final Hydro-static 125 117.24

PRESSURE SUMMARY

Recovery

Length (ft)	Description	Volume (bbl)
20.00	Mud	0.10
* Recovery from multiple tests		

Gas Rates			
Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)	

Trilobite Testing, Inc Ref. No: 48557 Printed: 2012.08.23 @ 15:52:32



FLUID SUMMARY

Eternity Exploration, Inc.

11-10s-26w, Sheridan, KS

338 Spyglass Dr Coppell TX 75019 C Bittel #1

Job Ticket: 48557

DST#: 3

ATTN: Scott Alberg

Test Start: 2012.08.23 @ 09:45:00

Mud and Cushion Information

Mud Type: Gel Chem Mud Weight: 9.00 lb/gal

inches

Oil API:

deg API

Viscosity:

Filter Cake:

Cushion Type: Cushion Length: Cushion Volume:

Water Salinity:

ppm

64.00 sec/qt Water Loss: $7.20 in^3$

Gas Cushion Type:

psig

ft

bbl

Resistivity: ohm.m Salinity: 3600.00 ppm

Recovery Information

Recovery Table

Gas Cushion Pressure:

Volume Description Length ft bbl 20.00 Mud 0.098

Total Length:

20.00 ft

Total Volume: 0.098 bbl

Serial #:

Num Fluid Samples: 0 Laboratory Name:

Num Gas Bombs: 0 Laboratory Location:

Recovery Comments:

Trilobite Testing, Inc Ref. No: 48557 Printed: 2012.08.23 @ 15:52:33

