

## Kansas Corporation Commission Oil & Gas Conservation Division

1151461

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				
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 SWD SIOW 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				
Operator:					
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)				
Original Comp. Date: Original Total Depth:  Deepening Re-perf. Conv. to ENHR Conv. to SWD  Conv. to GSW	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:				
Dual Completion Permit #:	Lease Name: License #:				
SWD Permit #:	Quarter Sec TwpS. R				
ENHR Permit #:	County: Permit #:				
GSW Permit #:	. 5				
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 III Approved by: Date:						

Side Two

1151461

Operator Name:			Lease Name: _			_ Well #:	
Sec Twp	S. R	East West	County:				
time tool open and clo	sed, flowing and shut es if gas to surface tes	d base of formations pen in pressures, whether s st, along with final chart( well site report.	hut-in pressure rea	ched static level,	hydrostatic press	sures, bottom h	ole temperature, fluid
Drill Stem Tests Taken (Attach Additional S		Yes No		og Formation	n (Top), Depth an	d Datum	Sample
Samples Sent to Geol	ogical Survey	Yes No	Nam	е		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted (If no, Submit Copy,	d Electronically	Yes No					
List All E. Logs Run:							
		CASING	RECORD Ne	ew Used			
		Report all strings set-			on, 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
		ADDITIONAL	. CEMENTING / SQL	JEEZE RECORD			
Purpose: Depth Top Botton Perforate Protect Casing Plug Back TD		Type of Cement	# Sacks Used Type and Percent Additives				
Plug Off Zone							
Shots Per Foot	s Set/Type forated		cture, Shot, Cemen nount and Kind of Ma	•	Depth		
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No		
Date of First, Resumed	Production, SWD or EN	HR. Producing Met			Other (Explain)		
Estimated Production Per 24 Hours	Oil E		Mcf Wat			Gas-Oil Ratio	Gravity
DIODOGITIC	ON OF CAS:	<u> </u>	AETHOD OF COMPLY	ETION:		DRODUCTIC	MINITEDVAL.
DISPOSITIO	ON OF GAS:  Used on Lease	Open Hole	METHOD OF COMPLE  Perf. Dually		nmingled	PRODUCITO	ON INTERVAL:
(If vented, Sub		Other (Specify)	(Submit		mit ACO-4)		

Form	ACO1 - Well Completion			
Operator	6G Twister, Inc.			
Well Name	POOH BAH 1			
Doc ID	1151461			

# Tops

Name	Тор	Datum
Anhydrite	2120	+430
Baes Anhy.	2162	+388
Topeka	3598	-1048
Heebner	3820	-1270
Toronto	3838	-1288
Lansing	3855	-1303
ВКС	4105	-1555
TD	4159	-1609



257811

LOCATION OCK LOCATION OCK LOCATION OCK LOCATION OCK LOCATION LOCAT

PO Box 884, Chanute, KS 66720 620-431-9210 or 800-467-8676

AUTHORIZTION\_

FIELD TICKET & TREATMENT REPORT

620-431-9210 o				CEMENT				11-
DATE	CUSTOMER#	WEL	L NAME & NU	MBER	SECTION	TOWNSHIP	RANGE	COUNTY
4-3-13	7756	Poo Ba	とかし		25	115	2647	Gove
CUSTOMER	Twi5-			Quimer	TT Pate 1			
MAILING ADDRES		1-2-1		E 95+ +0	TRUCK#	DRIVER	TRUCK#	DRIVER
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CITY		ISTATE	ZIP CODE	-N+ORA	528	50 W		
2111		SIAIE	ZIP CODE	AAIE			图 图 图 图 图 图 图 图 图 图 图 图 图 图 图 图 图 图 图	
				15 impl				
OB TYPE ?	TA_	HOLE SIZE	77/8	HOLE DEPTH	41160	CASING SIZE & V	VEIGHT	
CASING DEPTH_		DRILL PIPE		TUBING			OTHER	
SLURRY WEIGHT	142	SLURRY VOL_		WATER gal/sk		CEMENT LEFT in	CASING	
DISPLACEMENT		DISPLACEMEN		MIX PSI		RATE		
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CODE	<u> </u>			Participants of the participant of the participants of the participants of the participant o				
5505N	35		PUMP CHAR	GE			132500	1325
5400			MILEAGE				500	17500
1131	220	586	60/40				1510	3312
11188	75	7#	Bent	onite			-25	18925
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I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

TITLE

Less

1090

SALES TAX

ESTIMATED

TOTAL

DATE 4/-3-13

58154

23381

272.58

5506.39



257680

TICKET NUMBER 39379

LOCATION OCK 10 KS

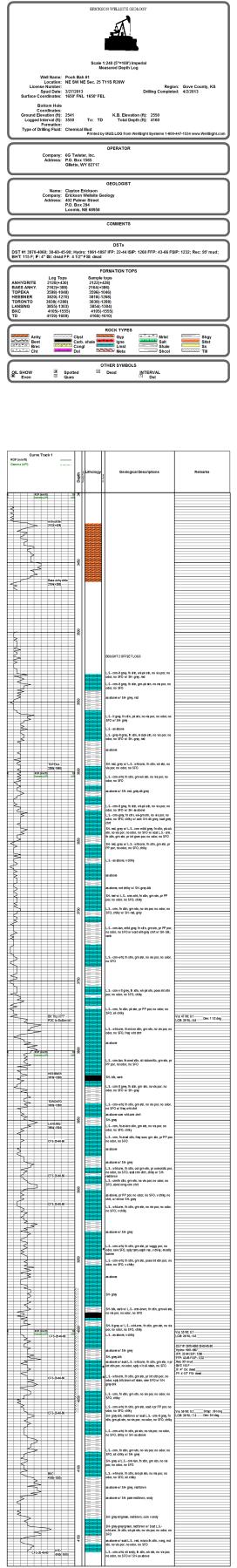
FOREMAN Kelly Gabe

PO Box 884, Chanute, KS 66720 620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT

		ELL NAME & NUMBE	R	SECTION	TOWNSHIP	RANGE	COUNTY
3-27-13 CUSTOMER	7756 Poo F	3ah #1		25	115	260	6000
	GTWISTER		Quinte	TRUCK#	DRIVER	TDUCK#	
MAILING ADDRES			8+01			TRUCK#	DRIVER
			Rd78-	693	COLAD		
CITY	STATE	ZIP CODE	N toRd	645	MIKE		
			I E		Jack		
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ACCOUNT	QUANITY or UNITS	DESC	PIRTION of S	ERVICES or PR	ODUCT	0	our
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5406	35	MILEAGE				500	17500
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TIV	100#	5914		*			NC
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vin 3737	100#			. 10% Disc	Y 60	SALES TAX	5353.05 5353 4817, 74
vin 3737	1/20			10% Disc	Y 60	ESTIMATED	5353.05 5353.05

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.





Prepared For: 6 G Twister

PO Box 1565 Gillette, WY 82717

ATTN: Clayton Erickson

#### Pooh Bah #1

## 25-11s-26w Gove,KS

Start Date: 2013.04.01 @ 20:43:45 End Date: 2013.04.02 @ 07:19:45 Job Ticket #: 52103 DST #: 1

Trilobite Testing, Inc PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



6 G Tw ister

25-11s-26w Gove,KS

PO Box 1565 Gillette, WY 82717 Pooh Bah #1 Job Ticket: 52103

DST#: 1

ATTN: Clayton Erickson

Test Start: 2013.04.01 @ 20:43:45

Test Type: Conventional Bottom Hole (Initial)

**GENERAL INFORMATION:** 

Formation: LKC "H-J"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:34:45 Tester: Dustin Rash 66

Time Test Ended: 07:19:45 Unit No:

Interval: 3970.00 ft (KB) To 4060.00 ft (KB) (TVD) Reference Elevations: 2550.00 ft (KB)

Total Depth: 4060.00 ft (KB) (TVD) 2541.00 ft (CF)

7.88 inches Hole Condition: Fair KB to GR/CF: Hole Diameter: 9.00 ft

Serial #: 8520 Outside

Press@RunDepth: 4037.00 ft (KB) 66.24 psig @ Capacity: 8000.00 psig

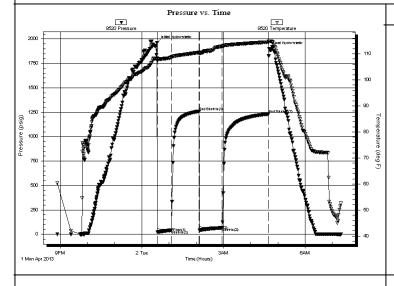
Start Date: 2013.04.01 End Date: 2013.04.02 Last Calib.: 2013.04.02 Start Time: 20:53:45 End Time: 2013.04.02 @ 00:33:45 07:19:45 Time On Btm: 2013.04.02 @ 04:40:45 Time Off Btm:

TEST COMMENT: IF-Very w eak building blow . Built to 4 inches.

ISI-No Return.

FF-Very weak building blow. Built to 4 1/2 inches.

FSI-No Return.



Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	
0	1960.66	108.33	Initial Hydro-static

PRESSURE SUMMARY

(Min.)	(psig)	(deg F)	
0	1960.66	108.33	Initial Hydro-static
1	22.12	107.34	Open To Flow (1)
32	43.68	108.66	Shut-In(1)
93	1259.92	110.48	End Shut-In(1)
94	43.19	110.24	Open To Flow (2)
143	66.24	112.85	Shut-In(2)
246	1232.26	114.48	End Shut-In(2)
247	1897.16	114.85	Final Hydro-static

#### Recovery

Length (ft)	Description	Volume (bbl)
95.00	100%Mud	1.33

#### Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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Trilobite Testing, Inc. Ref. No: 52103 Printed: 2013.04.04 @ 15:56:50



6 G Twister 25-11s-26w Gove,KS

PO Box 1565 Gillette, WY 82717 Pooh Bah #1

Job Ticket: 52103

Job Ticket: 52103 **DST#:1** 

ATTN: Clayton Erickson Test Start: 2013.04.01 @ 20:43:45

**GENERAL INFORMATION:** 

Formation: LKC "H-J"

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

Time Tool Opened: 00:34:45 Tester: Dustin Rash

Time Test Ended: 07:19:45 Unit No: 66

 Interval:
 3970.00 ft (KB) To
 4060.00 ft (KB) (TVD)
 Reference Elevations:
 2550.00 ft (KB)

Total Depth: 4060.00 ft (KB) (TVD) 2541.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 9.00 ft

Serial #: 8354 Inside

 Press@RunDepth:
 psig
 @ 4037.00 ft (KB)
 Capacity:
 8000.00 psig

Start Date: 2013.04.01 End Date: 2013.04.02 Last Calib.: 2013.04.02

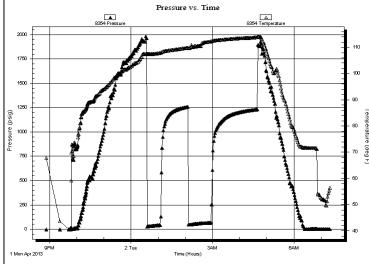
Start Time: 20:52:45 End Time: 07:19:15 Time On Btm: Time Off Btm:

TEST COMMENT: IF-Very w eak building blow . Built to 4 inches.

ISI-No Return.

FF-Very weak building blow. Built to 4 1/2 inches.

FSI-No Return.



## PRESSURE SUMMARY

	Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
Temperature (dex F)				
i (dea E)				

#### Recovery

Length (ft)	Description	Volume (bbl)	
95.00	100%Mud	1.33	

#### Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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Trilobite Testing, Inc Ref. No: 52103 Printed: 2013.04.04 @ 15:56:50



**TOOL DIAGRAM** 

6 G Tw ister

25-11s-26w Gove, KS

PO Box 1565 Gillette, WY 82717 Pooh Bah #1

Job Ticket: 52103

DST#: 1

ATTN: Clayton Erickson

Test Start: 2013.04.01 @ 20:43:45

**Tool Information** 

Drill Pipe: Length: 3956.00 ft Diameter: Heavy Wt. Pipe: Length: 0.00 ft Diameter: Drill Collar: Length: 0.00 ft Diameter: 3.80 inches Volume: 55.49 bbl 2.70 inches Volume: 0.00 bbl 2.25 inches Volume: 0.00 bbl

Total Volume:

55.49 bbl

Tool Weight: 3000.00 lb Weight set on Packer: 25000.00 lb Weight to Pull Loose: 5000.00 lb

Drill Pipe Above KB: 14.00 ft Depth to Top Packer: 3970.00 ft Tool Chased 0.00 ft String Weight: Initial 55000.00 lb

Depth to Bottom Packer: ft Interval between Packers: 90.00 ft Final 55000.00 lb

Tool Length: 118.00 ft

Number of Packers: 2 Diameter: 6.75 inches

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3943.00		
Shut In Tool	5.00			3948.00		
Hydraulic tool	5.00			3953.00		
Jars	5.00			3958.00		
Safety Joint	3.00			3961.00		
Packer	5.00			3966.00	28.00	Bottom Of Top Packer
Packer	4.00			3970.00		
Stubb	1.00			3971.00		
Perforations	2.00			3973.00		
Change Over Sub	1.00			3974.00		
Drill Pipe	62.00			4036.00		
Change Over Sub	1.00			4037.00		
Recorder	0.00	8354	Inside	4037.00		
Recorder	0.00	8520	Outside	4037.00		
Perforations	20.00			4057.00		
Bullnose	3.00			4060.00	90.00	Bottom Packers & Anchor

**Total Tool Length:** 118.00

Trilobite Testing, Inc. Ref. No: 52103 Printed: 2013.04.04 @ 15:56:51



**FLUID SUMMARY** 

6 G Tw ister

25-11s-26w Gove, KS

PO Box 1565 Gillette, WY 82717 Pooh Bah #1

Job Ticket: 52103

Serial #:

DST#: 1

ATTN: Clayton Erickson

Test Start: 2013.04.01 @ 20:43:45

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

Mud Type:Gel ChemCushion Type:Oil A Pl:deg A PlMud Weight:9.00 lb/galCushion Length:ftWater Salinity:ppm

Mud Weight:9.00 lb/galCushion Length:ftViscosity:55.00 sec/qtCushion Volume:bbl

Water Loss: 6.79 in<sup>3</sup> Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 1100.00 ppm Filter Cake: inches

## **Recovery Information**

#### Recovery Table

Length ft		Description	Volume bbl	
	95.00	100%Mud	1.333	

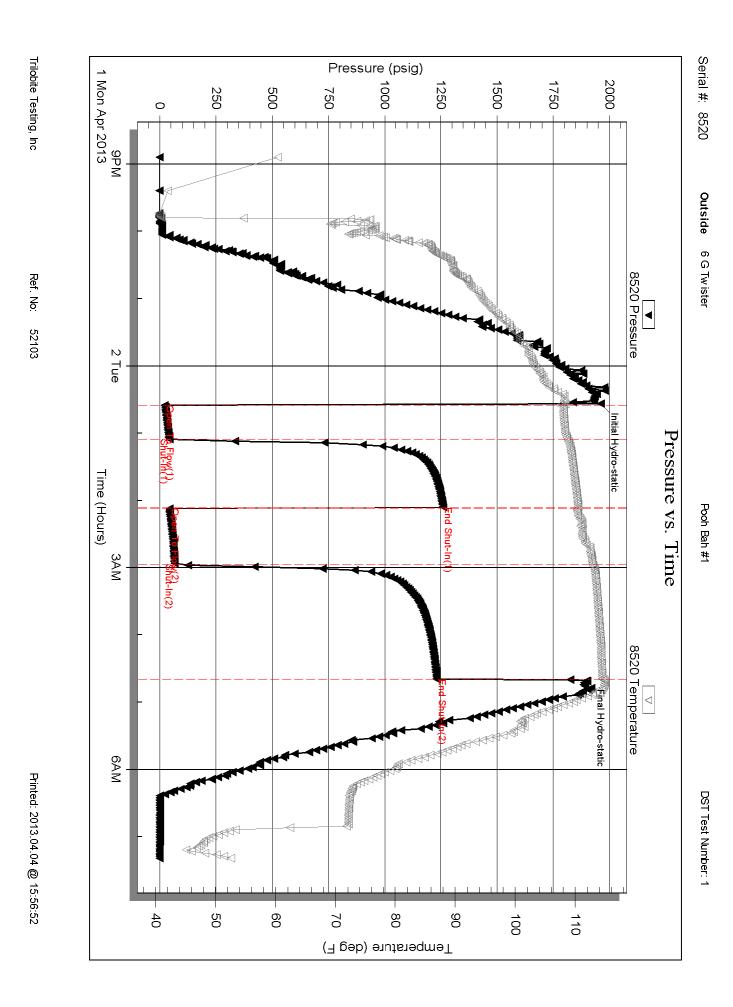
Total Length: 95.00 ft Total Volume: 1.333 bbl

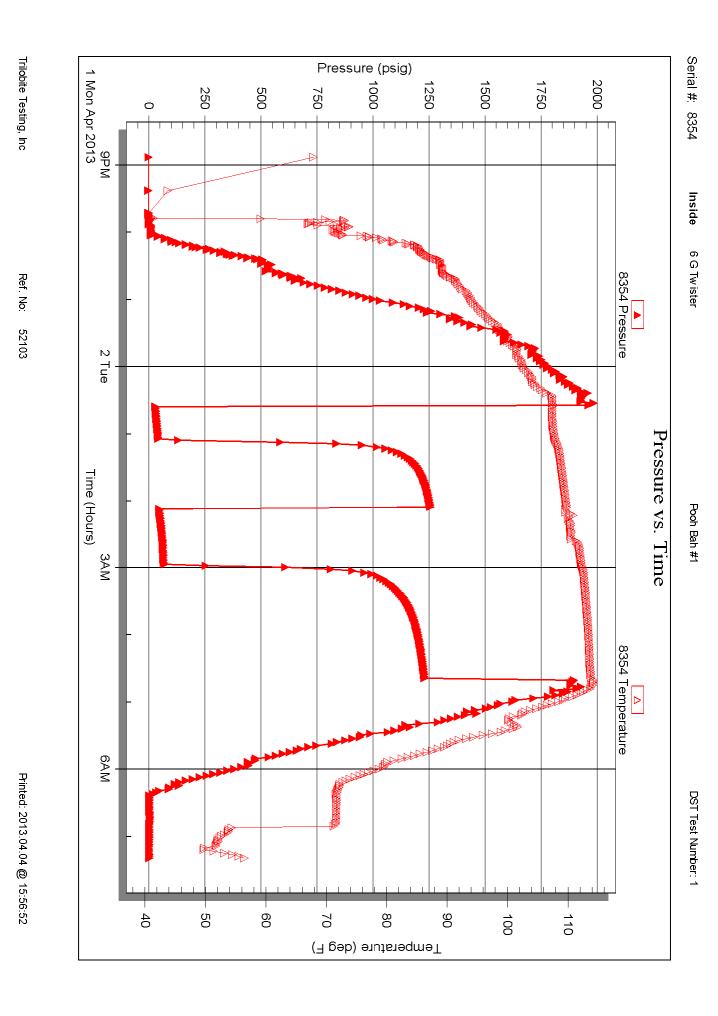
Num Fluid Samples: 0 Num Gas Bombs: 0

Laboratory Name: Laboratory Location:

Recovery Comments:

Trilobite Testing, Inc Ref. No: 52103 Printed: 2013.04.04 @ 15:56:51







Approved By\_

# **Test Ticket**

NO. 52103

· Hays, Kansas 67601				
	Test No. 4	D	ate 4-1-1	3
	Elevation 25	50	KB 254	GL
			/ 11	
Rge. 26W c			State	5_
Zone Tested LK	CHI,	45"		
			d Wt 9.1	
Drill Collars Run	8	Vis	55	
Wt. Pipe Run		WL	6.8	
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	%gas	%oil	%water	%mud
	%gas	%oil	%water	%mud
_ Gravity API	RW@_	°F Ch	nlorides	ppm
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Jars 250		T-Started _	2130	
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□ Sampler				
☐ Straddle	1	- D Ruined	Shale Packer	
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		MP/DST [	Disc't A	/
Sub Total1961	<	1	Pal	· ·
	Rge. Z6W Compared to the control of	Test No. 2  Elevation 25  Rig TAY  Co. Gove  Zone Tested Lk CHT, A  Drill Pipe Run 3956  Drill Collars Run  Wt. Pipe Run  Chlorides 100 ppm S  Support Suppor	Test No.	Test No.   Date   Dat

Our Representative\_