



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1193935  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

Form must be Typed  
Form must be Signed  
All blanks must be Filled

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well       Re-Entry       Workover
- Oil       WSW       SWD       SIOW
- Gas       D&A       ENHR       SIGW
- OG       GSW       Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic       Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

- Deepening       Re-perf.       Conv. to ENHR       Conv. to SWD
- Plug Back       Conv. to GSW       Conv. to Producer
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
-----------------------------------	-----------------	---

API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum:  NAD27       NAD83       WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

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: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite:

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

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

- Confidentiality Requested  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

1193935

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No  List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
--	---

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, 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 / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR: \_\_\_\_\_ Producing Method:  
 Flowing  Pumping  Gas Lift  Other *(Explain)* \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
--	---	---

Form	ACO1 - Well Completion
Operator	Eternity Exploration, LLC
Well Name	JF Albers 1
Doc ID	1193935

Tops

Name	Top	Datum
Anhydrite	2591	+457
Base Anhydrite	2620	+428
Heebner	4019	-971
Lansing	4056	-1008
Stark Shale	4276	-1230
BKC	4332	-1284
Pawnee	4457	-1409
Myrick Station	4502	-1454
Fort Scott	4521	-1473
Cherokee	4550	-1502
Cherokee Johnson	4592	-1544
Mississippi	4664	-1615
RTD	4710	-1662
LTD	4712	-1664



# LITHOLOGY STRIP LOG

## WellSight Systems

Scale 1:240 (5"=100') Imperial  
Measured Depth Log

Well Name: JF ALBERS #1  
Location: NE NE SW NE  
License Number: API: 15-193-20,913-00-00  
Spud Date: February 24, 2014  
Surface Coordinates: 1450' FNL, 1620' FEL Section 26-Twp 10 South - Rge 32 West  
Wildcat  
Bottom Hole Vertical Hole  
Coordinates:  
Ground Elevation (ft): 3038 K.B. Elevation (ft): 3048  
Logged Interval (ft): 3500 To: 4710 Total Depth (ft): 4710  
Formation: Mississippi  
Type of Drilling Fluid: Chemical Mud, Displace at 3518'  
Region: Thomas County, Kansas  
Drilling Completed: March 7, 2014  
Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

### OPERATOR

Company: Eternity Exploration, LLC  
Address: 338 SPYGLASS Dr  
COPPELL, TEXAS 75019+5430

### GEOLOGIST

Name: W. Scott Alberg  
Company: Alberg Petroleum, LLC  
Address: 609 Meadowlark Lane  
Pratt, Kansas 67124

### FORMATION TOPS

	SAMPLE TOPS	LOG TOPS
ANHYDRITE	2590(+458)	2591(+457)
B/ANHYDRITE	2620(+428)	2620(+428)
TOPEKA	3662(-614)	3664(-616)
HEEBNER	4018(-970)	4019(-971)
TORONTO	4042(-994)	4042(-994)
LANSING	4056(-1008)	4056(-1008)
B/KC	4332(-1284)	4332(-1284)
LENENPAH	4364(-1316)	4365(-1317)
PAWNEE	4456(-1408)	4457(-1409)
MYRIC STATION	4500(-1452)	4502(-1454)
FT SCOTT	4518(-1470)	4521(-1473)
JOHNSON	4592(-1544)	4592(-1544)
MISSISSIPPIAN	4663(-1615)	4664(-1616)
RTD	4710(-1662)	
LTD		4712(-1664)

## COMMENTS

Surface Casing: Set 6 joints new 24#, 8 5/8" at 265', 200 sks common, 3% cc, 2% gel, plug down 10:30 am on Feb 25, 2014. Cement did circulate.

Production Casing: None

Deviation Surveys: 266' 1/2, 3/4 - 4174',

Contractor Bit Record: 1- 12 1/4 out @ 266'.

2- 7 7/8" out @ 4380'.

3- 7 7/8" out @ 4710'.

Gas Detector: None

Mud System: Mud Co, Reid Atkins, Engineer

DSTs: by Trilobite Testing

Logged By Nabors Services.

LTD 4712'.

## DSTs

### DST #1 Lansing D & E

Interval 4114 to 4142', Times 30-60-30-60

1st opening - BOB 12 minutes, no blow back

2nd opening - BOB 10 minutes, no blow back.

Recovery 202' WCM (20% W, 80% M), 248' MCW (80% W, 20% Mud), 310' W with few oil spots on tool (100% W)

Temp 127

IHP 2044# FHP 2012#

IFP 67-227# FFP 232-376#

ISIP 1218# FSIP 1215#

### DST #2 H, I, J

4185 to 4274' Times 30-60-30-60

1 st opening - 1/4" blow built to 10", no blow back

2nd opening - weak blow, built to 8", no blow back

Recovery: 263' Mud

IHP 2092# FHP 2068#

IFP 46-106# FFP 105-163#

ISIP 1256# FSIP 1249#

Temp 119

### DST #3 4273 to 4380' K, L & Lenepah

Times 30-60-15-60

1st Opening - BOB 2 minutes, no blow back

2nd Opening - BOB 4 minutes, no blow back

Recovery: 253' Mud 315' MCW(50%W, 50% M), 567' W, Chlorides 55,000

IHP 2184# FHP 2139#

IFP 93-449# FFP 466-582#

ISIP 1178# FSIP 1131#

Temp 125

### DST #4 4448 to 4544' Pawnee, Myric Station, Ft. Scott

Times 30-60-30-60

1st Opening - Built to 10", no blow back

2nd Opening - Built to BOB in 24 minutes, no blow back.

Recovery : 315' GIP

55' GOCM (30% G, 30% O, 40% M)

IHP 2284# FHP 2177#

IFP 22-31# FFP 28-44#

ISIP 1160# FSIP 1148#

Temp 117

### DST # 5 Cherokee & Johnson Zones

Times 30-30-5-pulled.

1st Opening - 3/4 " died to 1/2". no blow back.

2nd Opening - no blow, pulled.

Recovery 15' Mud with oil scum.

IFP 21-25# FFP 25-26#

ISIP 1066# FSIP pulled

IHP2285# FHP 2234#


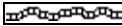
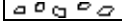

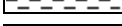






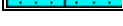

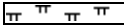

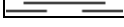







## RECOMMENDATIONS

BASED ON SAMPLES SHOWS, DST RESULTS AND LOG CALCULATIONS, IT WAS RECOMMENDED BY ALL PARTIES THAT THIS TEST WELL BE PLUGGED AND ABANDONED.


































































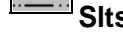









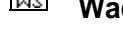


RESPECTFULLY,

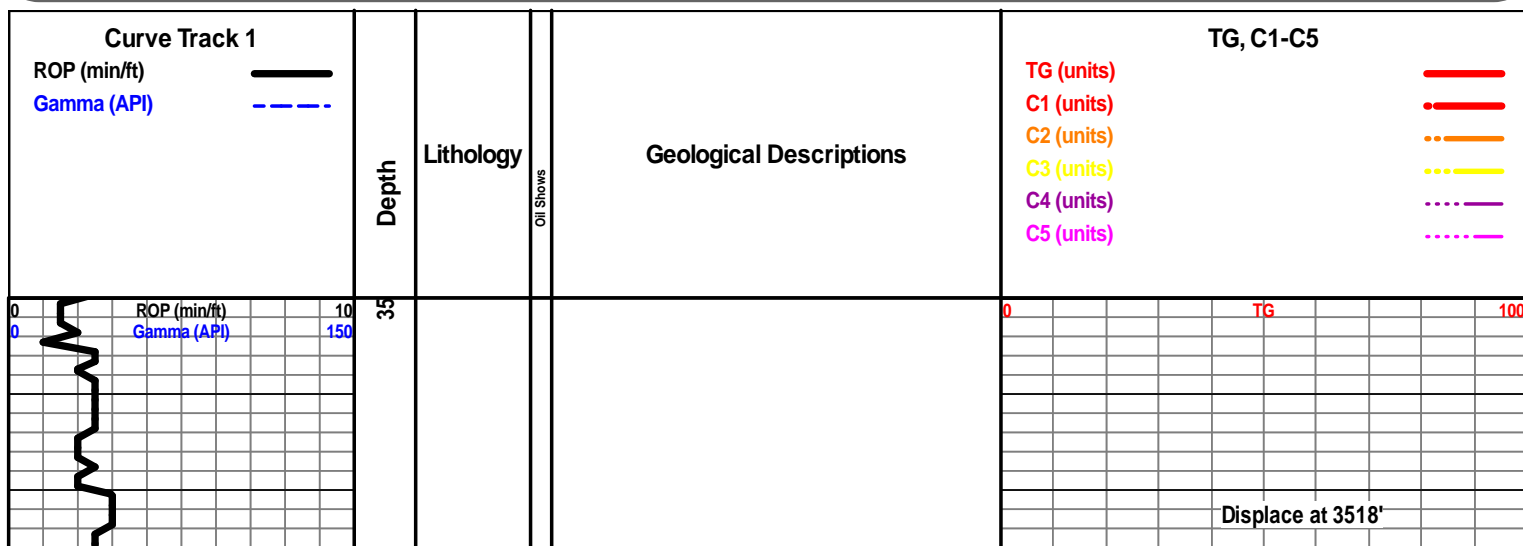
SCOTT ALBERG  
PG #54

## ROCK TYPES

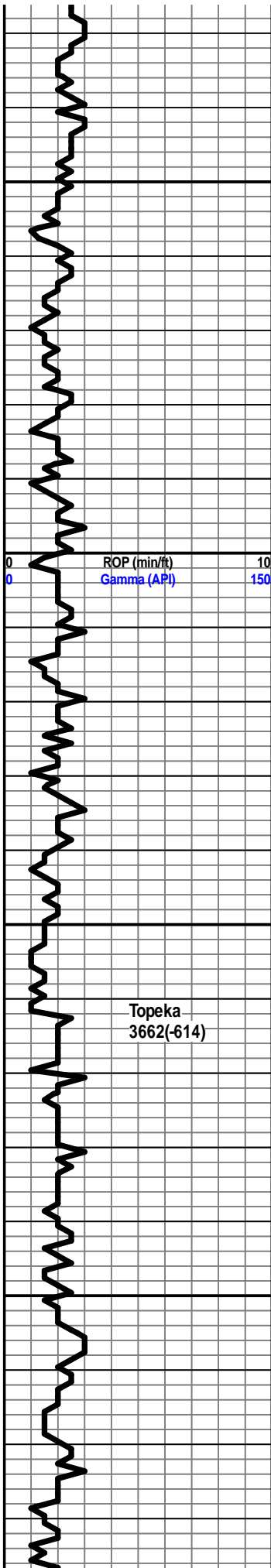
 Anhy  Bent  Brec  Cht  Clyst  Coal	 Congl  Sdy dolo  Shy dolo  Dol  Gyp  Sdy lmst	 Lmst  Mrlst  Salt  Shale  Sltst  Ss	 Black sh  Gry sh  Shale  Shyslstst  Sltysh
--	---	---	--

## ACCESSORIES

<b>MINERAL</b>  Anhy  Arg  Bent  Bit  Brecfrag  Calc  Carb  Chtdk  Chtlt  Dol  Ferrpel  Ferr  Glau  Gyp  Marl  Nodule  Phos  Pyr  Salt  Sandy  Silt	 Chlorite  Dol  Sand  Sltly  <b>FOSSIL</b>  Algae  Amph  Belm  Bioclst  Brach  Bryozoa  Cephal  Coral  Crin  Echin  Fish  Foram  Fossil  Gastro  Oolite  Ostra	 Pelec  Pellet  Pisolite  Plant  Strom  Fuss  Oomoldic  <b>STRINGER</b>  Anhy  Arg  Bent  Coal  Dol  Gyp  Ls  Mrst  Sltstrg  Ssstrg  Carbsh  Clystn  Dol	 Grysh  Gryslt  Lms  Sandylms  Sh  Sltstn  <b>TEXTURE</b>  Boundst  Chalky  Cryxln  Earthy  Finexln  Grainst  Lithogr  Microxln  Mudst  Packst  Wackest
--	--	--	---





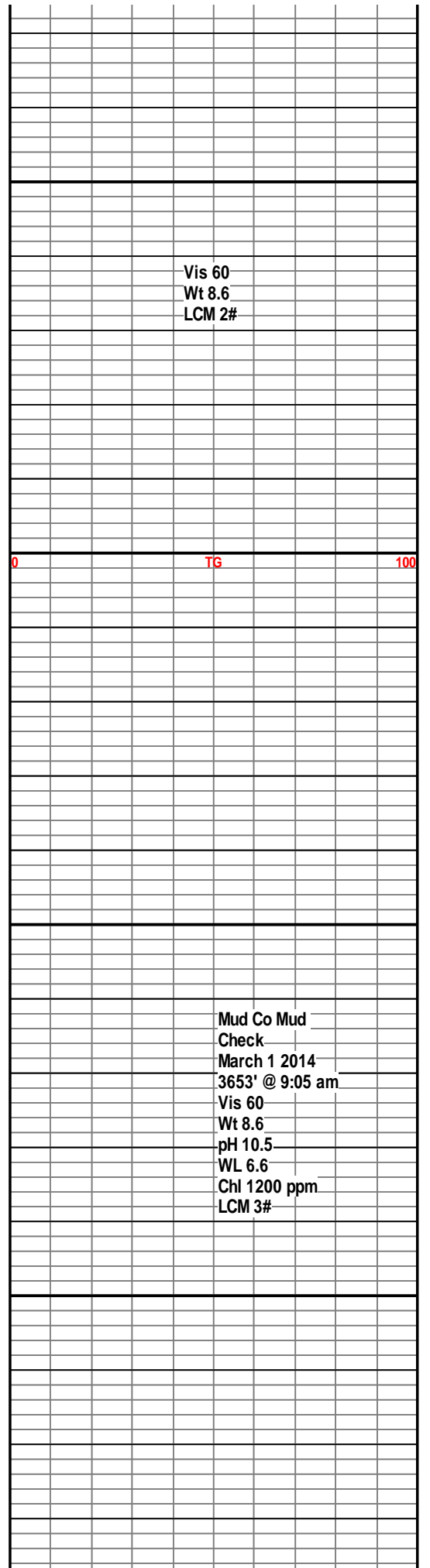


3550

3600

3650

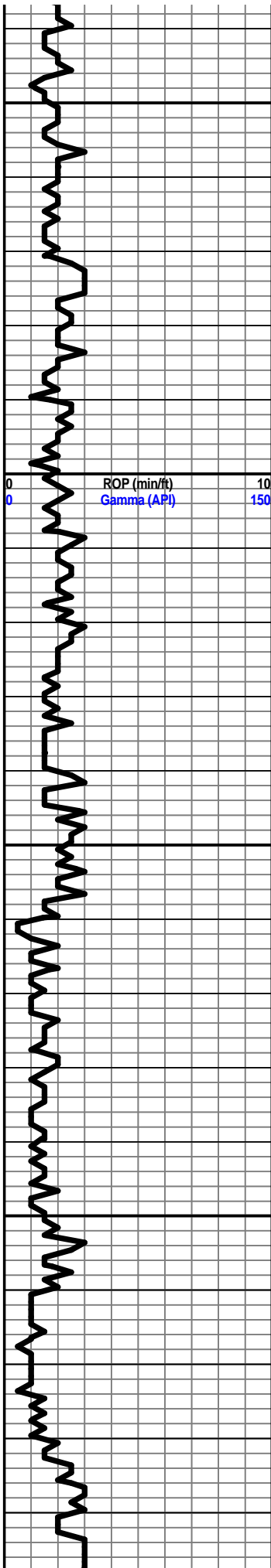
3700



Vis 60  
Wt 8.6  
LCM 2#

TG

Mud Co Mud  
Check  
March 1 2014  
3653' @ 9:05 am  
Vis 60  
Wt 8.6  
pH 10.5  
WL 6.6  
Chl 1200 ppm  
LCM 3#

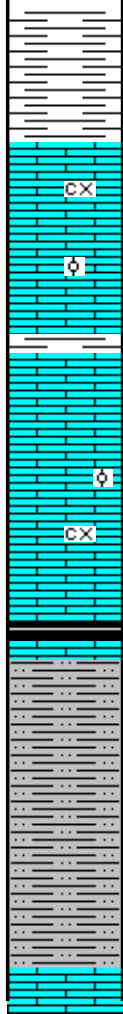


3750

3800

3850

3900



Shale, brick red, calcitic.

Limestone, cream-white, crystalline, oolitic, good oolitic porosity, chalky, no shows.

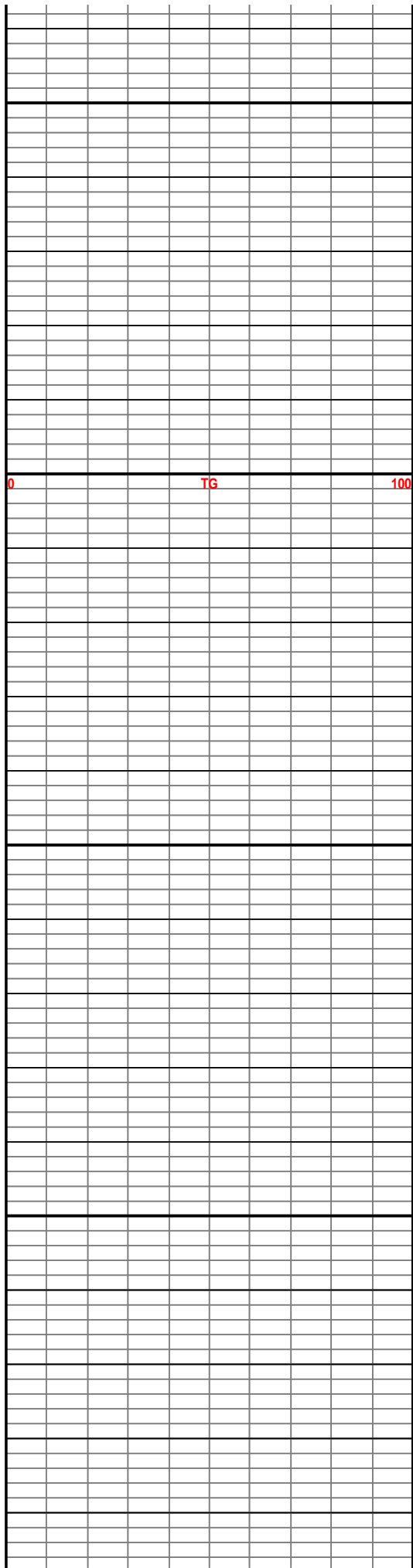
Limestone, cream-white, crystalline, partly dense, chalky.

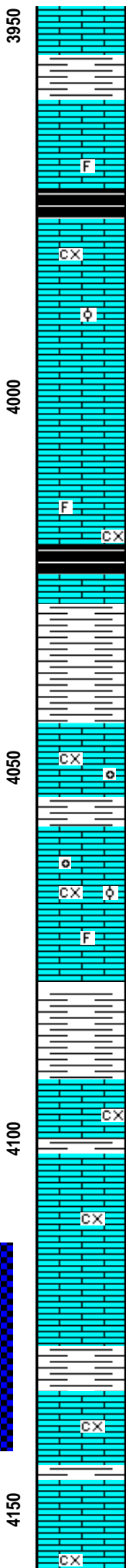
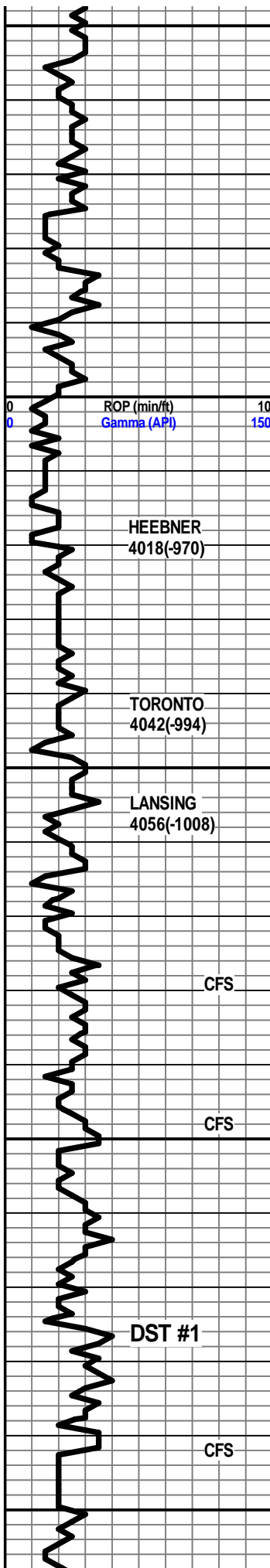
Limestone, cream-white, crystalline, chalky.

Shale, grey-black.

Shale, grey, red, soft, calcitic, trace of tan sands.

Limestone, buff-tan, crystalline, dense, slightly fossiliferous.





Shale, grey, red-brown.

Limestone tan-white, crystalline, fossiliferous, partly dense.

Shale, grey-black.

Limestone, buff-tan crystalline slightly oolitic, trace chalky.

Limestone, buff, cream, crystalline, oolitic, oolimidic porosity.

Limestone, cream-tan, crystalline, fossils.

Shale, grey-black.

Limestone, grey-white, finely crystalline dense.

Shale, reddish-brown.

Limestone, cream-buff, finely crystalline, oolitic, trace oolimidic porosity, some fossils, no visible shows, no odor.

Limestone, tan, buff, crystalline, slightly oolitic, trace fossiliferous porosity, no visible shows.

Limestone, cream-white, white, crystalline, chalky, no visible shows, no odor.

Shale, reddish brown.

Shale as above, traces buff limestone,

Limestone, cream-white, finely crystalline, trace crystalline porosity, chalky, no visible shows, no odor.

Limestone, buff, white, crystalline, dense in part, trace pyritic, trace fossils, no visible shows.

Limestone, tan, buff, crystalline, trace crystalline porosity, light show heavy oil, faint odor.

Shale, reddish brown.

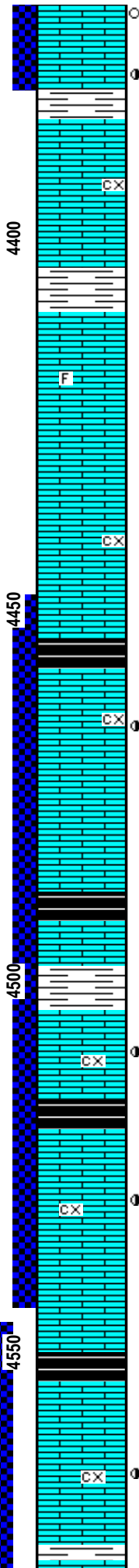
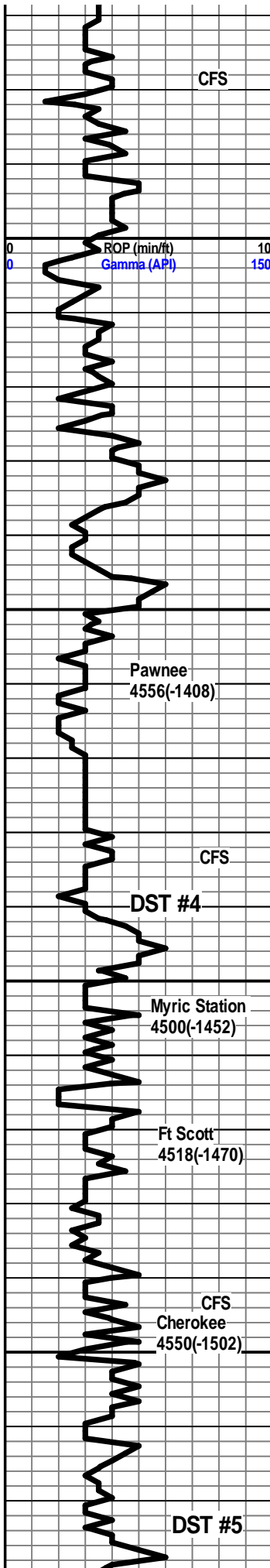
Limestone, off-white, tan-white, finely crystalline, trace crystalline porosity, light show of oil, trace free oil, fair odor.

Shale, grey-red.

Limestone tan, crystalline, trace crystalline porosity, no visible shows, no odor.

0	TG	100
DST #1 4114 to 4142' Times 30-60-30-60 1st Opening - BOB in 12 minutes, no blow back 2nd Opening - BOB 10 minutes, no blow back. Recovery: 202' WCM(20% W, 80% M) 248' MCW(80% W, 20% M) 310' Water w/ few oil specks in tool(100% W) IFP 67-227# FFP 232-376# ISIP 1218# FHP 1215# IHP/FHP 2044/2012#		
Mud Co Mud Check March 2,2014 4142' @ 1:50 pm Vis 54 Wt 9.3 Ph 9.0 WL 6.8 Chl 1500 ppm LCM 2#		
DST #2 4185 to 4274'		





crystalline porosity, light spotty stain, no visible show free oil.

Limestone a/a, slight odor, very faint show oil in few samples, light spotty stain, no fluorescence.

Shale, reddish-brown.

Limestone, cream, tan, finely crystalline, dense, trace fossils, no visible shows.

Shale, grey, reddish-brown.

Limestone, tan-white, crystalline, dense, trace fossils.

Shale, grey, red-grey, green.

Limestone tan, finely crystalline, dense.

Limestone, cream, tan, finely crystalline, fossil fragments, very slight stain, fossiliferous porosity, no odor.

Limestone, cream, tan, crystalline, dense.

Shale, grey-black.

Limestone, cream, tan finely crystalline, trace few scattered vugs, trace crystalline porosity, light show of oil, strong odor, spotty fluorescence.

Limestone, grey-tan-white, dense, trace fossils, poor porosity, trace shaley.

Shale, grey-black.

Limestone, tan, crystalline, dense.

Shale, grey, dark grey.

Limestone, cream grey-white, finely crystalline, partly dense trace few scattered small vugs, trace crystalline porosity, faint odor, slight show of oil.

Shale, grey-black.

Limestone, cream, tan, finely crystalline, partly dense, traces of crystalline porosity, very slight show of oil, faint odor.

Limestone, tan-white, crystalline, dense, trace fossils, trace tan chert, very faint odor, very poor show.

Shale, grey-black.

Limestone tan, grey-white crystalline, dense, trace fossils, no visible shows.

Limestone tan, crystalline trace few small vugs, very slight show heavy oil, spotty staining, trace free oil, very faint odor.

	2nd Opening - BOB 4 minutes, no blow back. Recovery: 253'	
	Mud- 315' MCW (50% M, 50% W) 567' W IFP 93-449# FFP 466-582# ISIP 1178# FSIP 1131#	
0	IHP/FHP 2184/2139# Temp 125	100
	Mud Co Mud Check March 5, 2014 4431' @ 8:30 am Vis 48 Wt 9.2 pH 10.5 WL 8.0 Chl 2000 LCM 2#	
	DST #4 4448 to 4544 Times 30-60-30-60 1st Opening - Built to 10" blow, no blow back. 2nd Opening - BOB 24 minutes, no blow back. Recovery: 315' GIP 55' GOCM(30% G, 30% O, 40% M) IFP 22-31# FFP 28-44# ISIP 1160# FSIP 1148# IHP/FHP 2284/2177# Temp 117	
	Mud Co Mud Check March 6, 2014 4575' @ 9:00 am Vis 49 Wt 9.3 WL 6.8 pH 10.5 Chl 2700 LCM 2#	
	DST #5 4546 to 4614 Time 30-30-5-pulled 1st Opening - 3/4", died to 1/2", no blow back. 2nd Opening - No blow, pulled tool. Recovery 15' Mud	





## DRILL STEM TEST REPORT

Prepared For: **Eternity Exploration, LLC**

338 Spyglass Dr  
Coppell TX 75019 - 5430

ATTN: Scott Alberg

### **JF Albers #1**

#### **26-10s-32w Thomas,KS**

Start Date: 2014.03.02 @ 14:40:00

End Date: 2014.03.03 @ 00:32:15

Job Ticket #: 54616                      DST #: 1

Trilobite Testing, Inc  
PO Box 362 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.03.07 @ 16:25:32



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Eternity Exploration, LLC

**26-10s-32w Thomas,KS**

338 Spyglass Dr  
Coppell TX 75019 - 5430

**JF Albers #1**

Job Ticket: 54616

**DST#: 1**

ATTN: Scott Alberg

Test Start: 2014.03.02 @ 14:40:00

## GENERAL INFORMATION:

Formation: **LKC " D & E "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:36:30

Time Test Ended: 00:32:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Jace McKinney

Unit No: 75

**Interval: 4114.00 ft (KB) To 4142.00 ft (KB) (TVD)**

Reference Elevations: 3048.00 ft (KB)

Total Depth: 4142.00 ft (KB) (TVD)

3038.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 10.00 ft

**Serial #: 8675**

**Inside**

Press@RunDepth: 376.08 psig @ 4115.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.03.02

End Date:

2014.03.03

Last Calib.:

2014.03.03

Start Time:

14:40:15

End Time:

00:32:15

Time On Btm:

2014.03.02 @ 18:35:45

Time Off Btm:

2014.03.02 @ 21:38:30

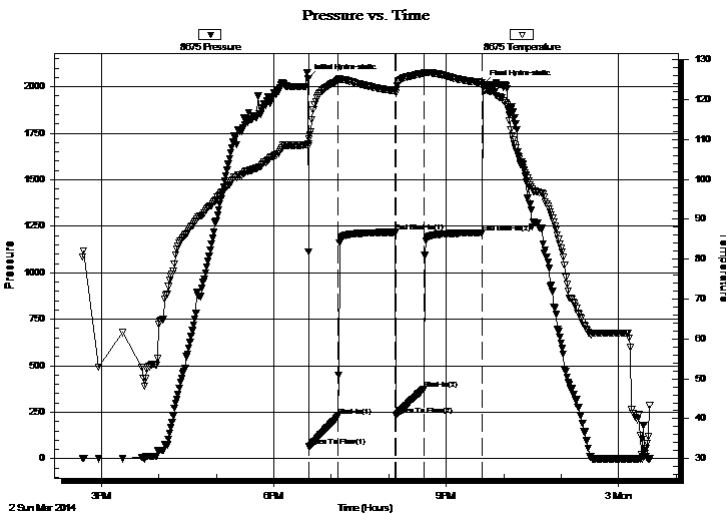
**TEST COMMENT:** B.O.B. in 12 min.

Bled off for 5 min. No return blow

B.O.B. in 10 min.

Bled off for 5 min. No return blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2044.15	108.99	Initial Hydro-static
1	66.78	110.06	Open To Flow (1)
32	227.02	124.81	Shut-In(1)
91	1217.68	122.09	End Shut-In(1)
92	231.99	121.64	Open To Flow (2)
121	376.08	126.56	Shut-In(2)
182	1215.47	124.26	End Shut-In(2)
183	2011.85	123.40	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
202.00	w cm 20%W 80%M	2.83
248.00	m cw 20%M 80%W	3.48
310.00	100% Water w ith oil spots in tool	4.35

## Gas Rates

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







**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Eternity Exploration, LLC

**26-10s-32w Thomas,KS**

338 Spyglass Dr  
Coppell TX 75019 - 5430

**JF Albers #1**

Job Ticket: 54616

**DST#: 1**

ATTN: Scott Alberg

Test Start: 2014.03.02 @ 14:40:00

## Tool Information

Drill Pipe:	Length: 4113.15 ft	Diameter: 3.80 inches	Volume: 57.70 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 86000.00 lb
			<u>Total Volume: 57.70 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	26.65 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4114.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	28.00 ft			
Tool Length:	55.50 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4087.50	
Shut In Tool	5.00			4092.50	
Hydraulic tool	5.00			4097.50	
Jars	5.00			4102.50	
Safety Joint	2.50			4105.00	
Packer	5.00			4110.00	27.50 Bottom Of Top Packer
Packer	4.00			4114.00	
Stubb	1.00			4115.00	
Recorder	0.00	8675	Inside	4115.00	
Recorder	0.00	8650	Outside	4115.00	
Perforations	24.00			4139.00	
Change Over Sub	0.00			4139.00	
Drill Pipe	0.00			4139.00	
Change Over Sub	0.00			4139.00	
Bullnose	3.00			4142.00	28.00 Bottom Packers & Anchor

**Total Tool Length: 55.50**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Eternity Exploration, LLC

**26-10s-32w Thomas,KS**

338 Spyglass Dr  
Coppell TX 75019 - 5430

**JF Albers #1**

Job Ticket: 54616

**DST#: 1**

ATTN: Scott Alberg

Test Start: 2014.03.02 @ 14:40:00

### 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:

ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.58 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1200.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
202.00	w cm 20%W 80%M	2.834
248.00	mcw 20%M 80%W	3.479
310.00	100% Water w ith oil spots in tool	4.348

Total Length: 760.00 ft      Total Volume: 10.661 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

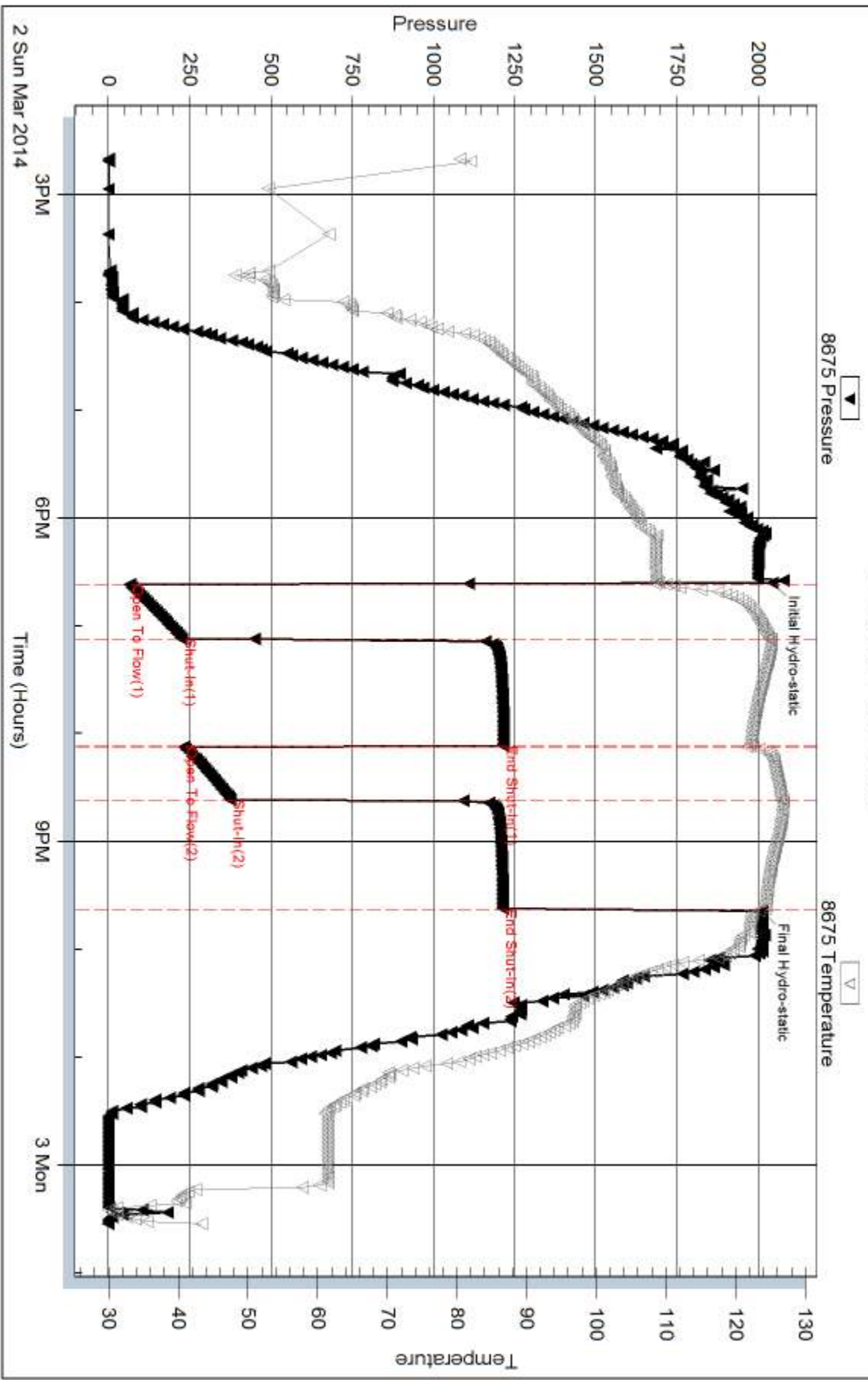
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW: .20 @ 66 F = 40,000

### Pressure vs. Time

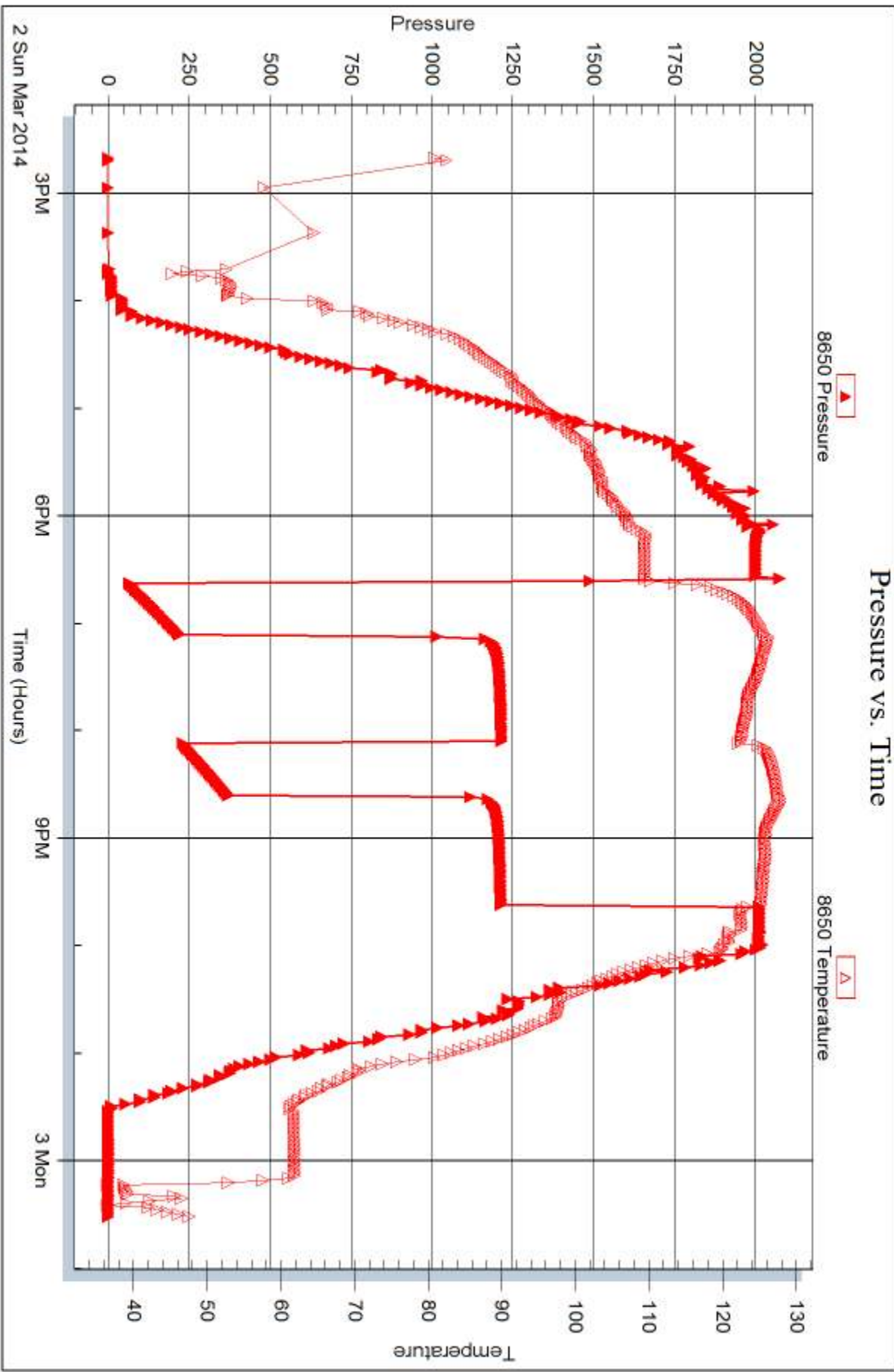


Serial #: 8650

Outside Eernity Exploration, LLC

JF Albers #1

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 54616

Printed: 2014.03.07 @ 16:25:34



## DRILL STEM TEST REPORT

Prepared For: **Eternity Exploration, LLC**

338 Spyglass Dr  
Coppell TX 75019 - 5430

ATTN: Scott Alberg

### **JF Albers #1**

#### **26-10s-32w Thomas,KS**

Start Date: 2014.03.03 @ 18:41:00

End Date: 2014.03.04 @ 03:30:45

Job Ticket #: 54617                      DST #: 2

Trilobite Testing, Inc  
PO Box 362 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.03.07 @ 16:25:00



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Eternity Exploration, LLC

**26-10s-32w Thomas,KS**

338 Spyglass Dr  
Coppell TX 75019 - 5430

**JF Albers #1**

Job Ticket: 54617

**DST#: 2**

ATTN: Scott Alberg

Test Start: 2014.03.03 @ 18:41:00

## GENERAL INFORMATION:

Formation: **LKC "H-J"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:51:45

Time Test Ended: 03:30:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Jace McKinney

Unit No: 75

**Interval: 4185.00 ft (KB) To 4274.00 ft (KB) (TVD)**

Reference Elevations: 3048.00 ft (KB)

Total Depth: 4274.00 ft (KB) (TVD)

3038.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 10.00 ft

**Serial #: 8675**

**Inside**

Press@RunDepth: 163.18 psig @ 4186.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.03.03

End Date:

2014.03.04

Last Calib.:

2014.03.04

Start Time: 15:30:15

End Time:

00:19:45

Time On Btm:

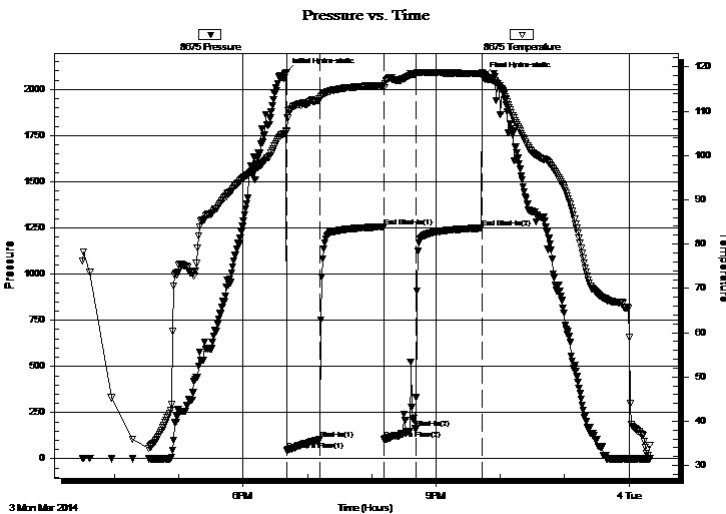
2014.03.03 @ 18:40:15

Time Off Btm:

2014.03.03 @ 21:43:45

**TEST COMMENT:** Built to 10" blow  
Bled off for 3 min. No return blow  
Built to 8" blow  
Bled off for 3 min. No return blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2092.02	105.49	Initial Hydro-static
1	45.52	105.36	Open To Flow (1)
31	106.25	112.75	Shut-In(1)
91	1255.84	115.81	End Shut-In(1)
92	105.03	115.33	Open To Flow (2)
122	163.18	118.36	Shut-In(2)
183	1249.21	118.54	End Shut-In(2)
184	2068.41	118.47	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
263.00	100% Mud	3.69

\* Recovery from multiple tests

## Gas Rates

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







**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Eternity Exploration, LLC

**26-10s-32w Thomas,KS**

338 Spyglass Dr  
Coppell TX 75019 - 5430

**JF Albers #1**

Job Ticket: 54617

**DST#: 2**

ATTN: Scott Alberg

Test Start: 2014.03.03 @ 18:41:00

## Tool Information

Drill Pipe:	Length: 4176.24 ft	Diameter: 3.80 inches	Volume: 58.58 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 72000.00 lb
			<u>Total Volume: 58.58 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	18.74 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4185.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	89.00 ft			
Tool Length:	116.50 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4158.50	
Shut In Tool	5.00			4163.50	
Hydraulic tool	5.00			4168.50	
Jars	5.00			4173.50	
Safety Joint	2.50			4176.00	
Packer	5.00			4181.00	27.50 Bottom Of Top Packer
Packer	4.00			4185.00	
Stubb	1.00			4186.00	
Recorder	0.00	8675	Inside	4186.00	
Recorder	0.00	8650	Outside	4186.00	
Perforations	20.00			4206.00	
Change Over Sub	1.00			4207.00	
Drill Pipe	63.00			4270.00	
Change Over Sub	1.00			4271.00	
Bullnose	3.00			4274.00	89.00 Bottom Packers & Anchor

**Total Tool Length: 116.50**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Eternity Exploration, LLC

**26-10s-32w Thomas,KS**

338 Spyglass Dr  
Coppell TX 75019 - 5430

**JF Albers #1**

Job Ticket: 54617

**DST#: 2**

ATTN: Scott Alberg

Test Start: 2014.03.03 @ 18:41:00

## 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:

ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.78 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
263.00	100% Mud	3.689

Total Length: 263.00 ft      Total Volume: 3.689 bbl

Num Fluid Samples: 0

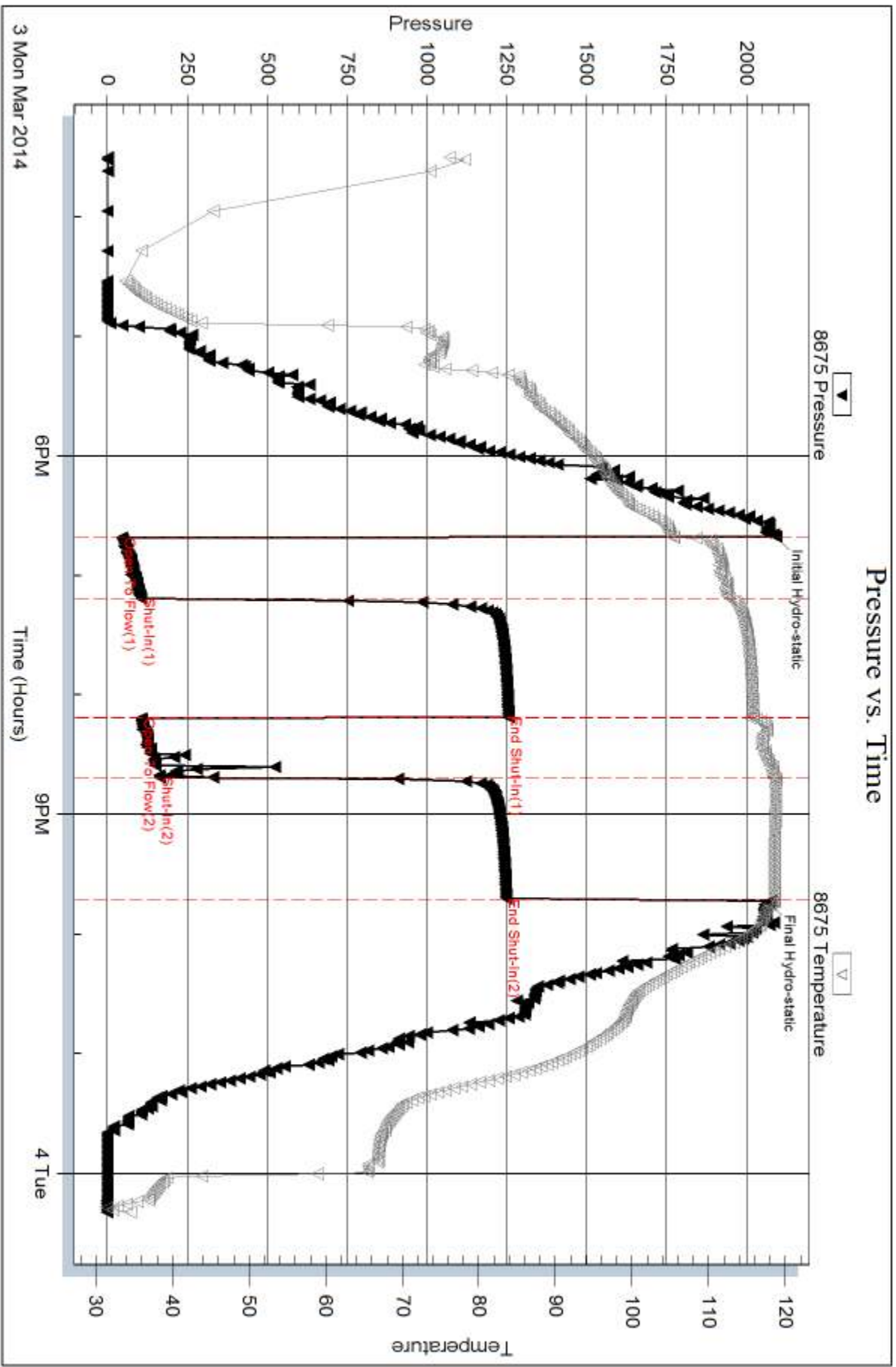
Num Gas Bombs: 0

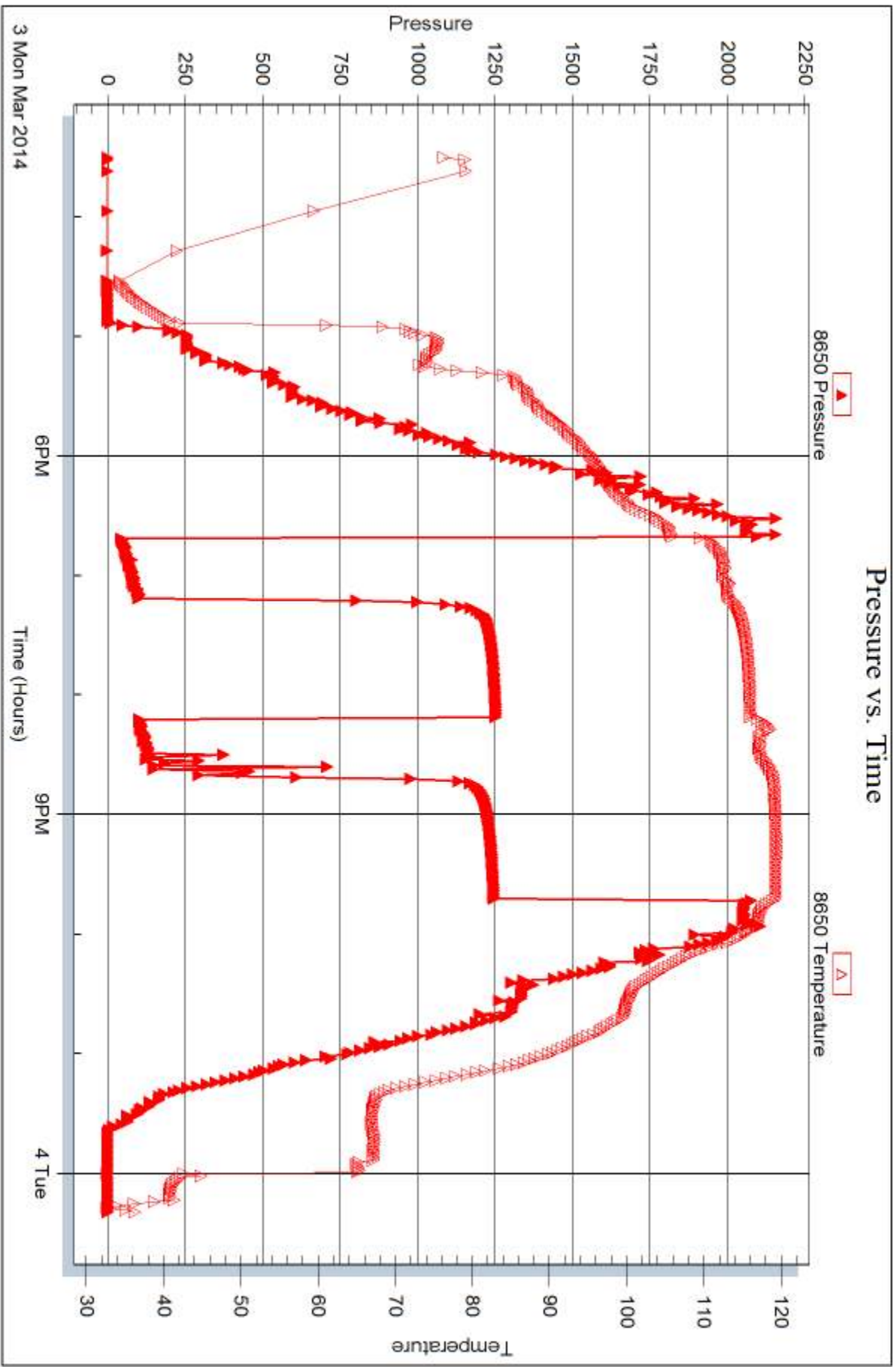
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







## DRILL STEM TEST REPORT

Prepared For: **Eternity Exploration, LLC**

338 Spyglass Dr  
Coppell TX 75019 - 5430

ATTN: Scott Alberg

### **JF Albers #1**

#### **26-10s-32w Thomas,KS**

Start Date: 2014.03.04 @ 16:30:00

End Date: 2014.03.05 @ 00:26:00

Job Ticket #: 54618                      DST #: 3

Trilobite Testing, Inc  
PO Box 362 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.03.07 @ 16:24:36



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Eternity Exploration, LLC

**26-10s-32w Thomas,KS**

338 Spyglass Dr  
Coppell TX 75019 - 5430

**JF Albers #1**

Job Ticket: 54618

**DST#: 3**

ATTN: Scott Alberg

Test Start: 2014.03.04 @ 16:30:00

## GENERAL INFORMATION:

Formation: **LKC "K-Leopod "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:01:00

Time Test Ended: 00:26:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Jace McKinney

Unit No: 75

**Interval: 4273.00 ft (KB) To 4380.00 ft (KB) (TVD)**

Reference Elevations: 3048.00 ft (KB)

Total Depth: 4380.00 ft (KB) (TVD)

3038.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 10.00 ft

**Serial #: 8675**

**Inside**

Press@RunDepth: 582.47 psig @ 4274.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.03.04

End Date:

2014.03.05

Last Calib.:

2014.03.05

Start Time: 16:30:15

End Time:

00:26:00

Time On Btm:

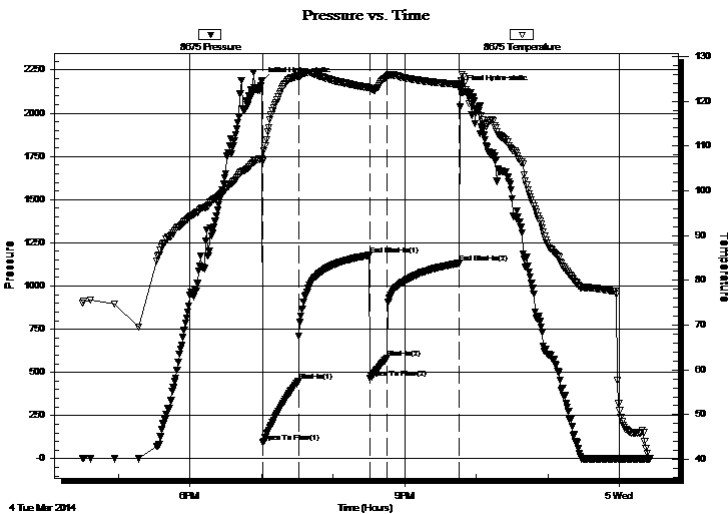
2014.03.04 @ 19:00:30

Time Off Btm:

2014.03.04 @ 21:46:45

**TEST COMMENT:** B.O.B. in 2 min.  
Bled off for 5 min. No return blow  
B.O.B. in 4 min.  
Bled off for 5 min. No return blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2183.54	107.24	Initial Hydro-static
1	93.37	106.56	Open To Flow (1)
31	449.49	125.59	Shut-In(1)
90	1177.85	123.07	End Shut-In(1)
91	465.84	122.79	Open To Flow (2)
105	582.47	125.53	Shut-In(2)
166	1131.13	123.72	End Shut-In(2)
167	2139.41	123.81	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
253.00	100% Mud	3.55
315.00	mchw 50%M 50%W	4.42
567.00	100%Water	7.95

\* Recovery from multiple tests

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Eternity Exploration, LLC

**26-10s-32w Thomas,KS**

338 Spyglass Dr  
Coppell TX 75019 - 5430

**JF Albers #1**

Job Ticket: 54618

**DST#: 3**

ATTN: Scott Alberg

Test Start: 2014.03.04 @ 16:30:00

## Tool Information

Drill Pipe:	Length: 4268.24 ft	Diameter: 3.80 inches	Volume: 59.87 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 78000.00 lb
			<u>Total Volume: 59.87 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	22.74 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	4273.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	107.00 ft			
Tool Length:	134.50 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4246.50	
Shut In Tool	5.00			4251.50	
Hydraulic tool	5.00			4256.50	
Jars	5.00			4261.50	
Safety Joint	2.50			4264.00	
Packer	5.00			4269.00	27.50 Bottom Of Top Packer
Packer	4.00			4273.00	
Stubb	1.00			4274.00	
Recorder	0.00	8675	Inside	4274.00	
Recorder	0.00	8650	Outside	4274.00	
Perforations	37.00			4311.00	
Change Over Sub	1.00			4312.00	
Drill Pipe	64.00			4376.00	
Change Over Sub	1.00			4377.00	
Bullnose	3.00			4380.00	107.00 Bottom Packers & Anchor

**Total Tool Length: 134.50**





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Eternity Exploration, LLC

**26-10s-32w Thomas,KS**

338 Spyglass Dr  
Coppell TX 75019 - 5430

**JF Albers #1**

Job Ticket: 54618

**DST#: 3**

ATTN: Scott Alberg

Test Start: 2014.03.04 @ 16:30:00

### 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:

ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.18 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2200.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
253.00	100% Mud	3.549
315.00	mcw 50%M 50%W	4.419
567.00	100%Water	7.954

Total Length: 1135.00 ft      Total Volume: 15.922 bbl

Num Fluid Samples: 0

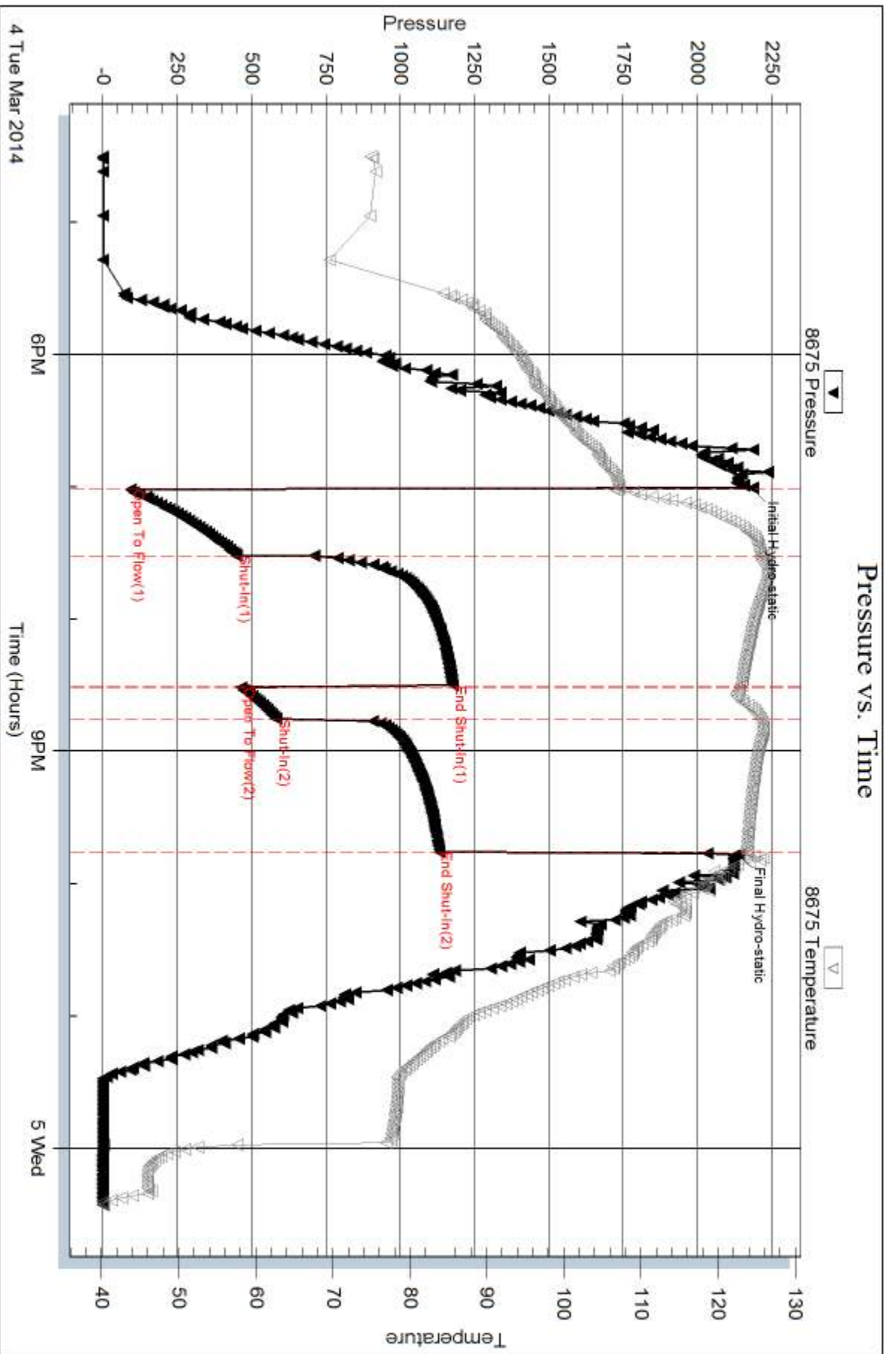
Num Gas Bombs: 0

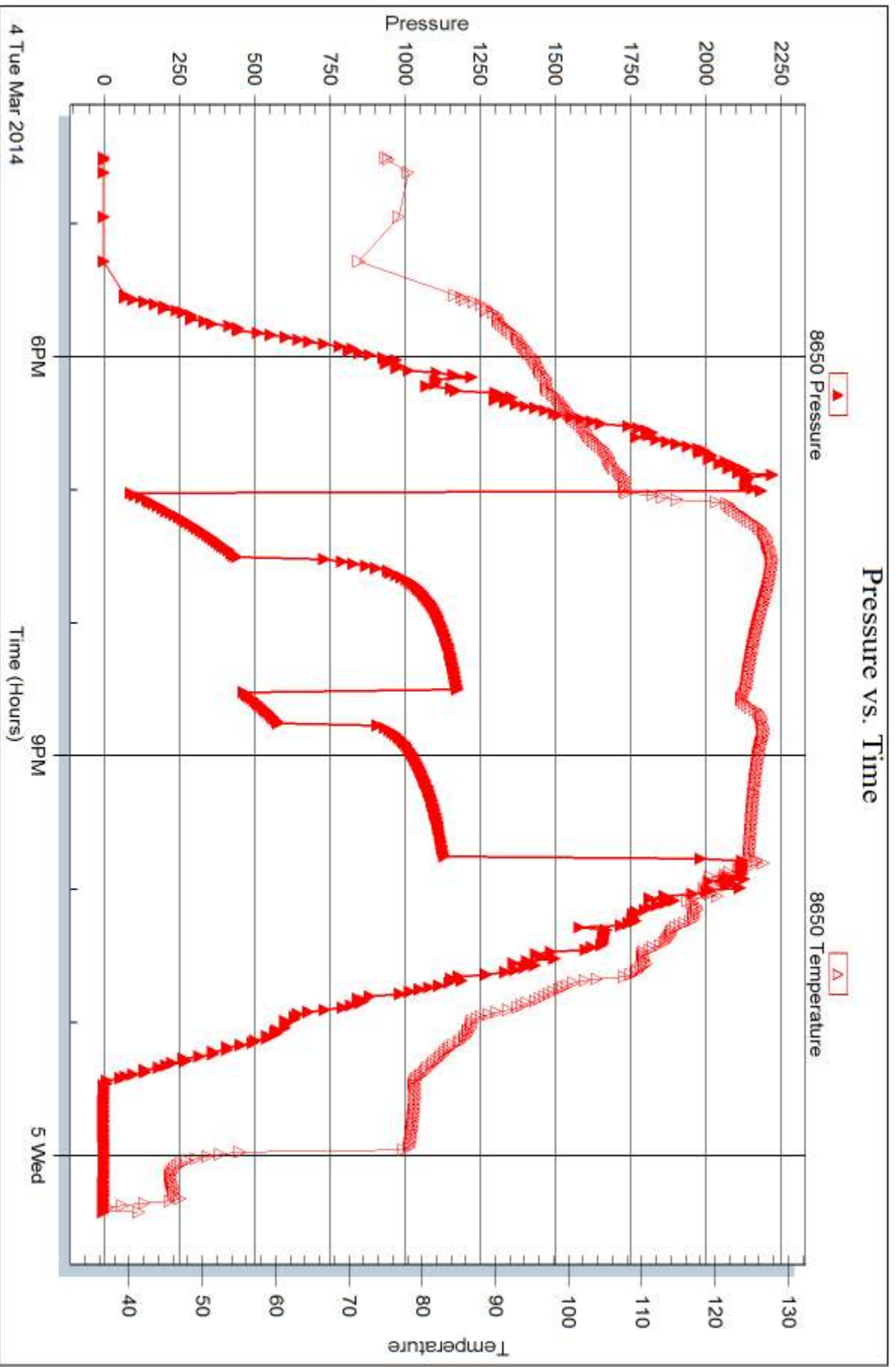
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW: .15 @ 60 F = 55,000







## DRILL STEM TEST REPORT

Prepared For: **Eternity Exploration, LLC**

338 Spyglass Dr  
Coppell TX 75019 - 5430

ATTN: Scott Alberg

### **JF Albers #1**

### **26-10s-32w Thomas,KS**

Start Date: 2014.03.05 @ 18:45:00

End Date: 2014.03.06 @ 02:39:15

Job Ticket #: 54619                      DST #: 4

Trilobite Testing, Inc  
PO Box 362 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.03.07 @ 16:24:12



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Eternity Exploration, LLC

**26-10s-32w Thomas,KS**

338 Spyglass Dr  
Coppell TX 75019 - 5430

**JF Albers #1**

Job Ticket: 54619

**DST#: 4**

ATTN: Scott Alberg

Test Start: 2014.03.05 @ 18:45:00

## GENERAL INFORMATION:

Formation: **Pawnee - Ft Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:19:30

Time Test Ended: 02:39:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Jace McKinney

Unit No: 75

**Interval: 4448.00 ft (KB) To 4544.00 ft (KB) (TVD)**

Reference Elevations: 3048.00 ft (KB)

Total Depth: 4544.00 ft (KB) (TVD)

3038.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 10.00 ft

**Serial #: 8675**

**Inside**

Press@RunDepth: 44.07 psig @ 4449.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.03.05

End Date:

2014.03.06

Last Calib.:

2014.03.06

Start Time: 18:45:15

End Time:

02:39:15

Time On Btm:

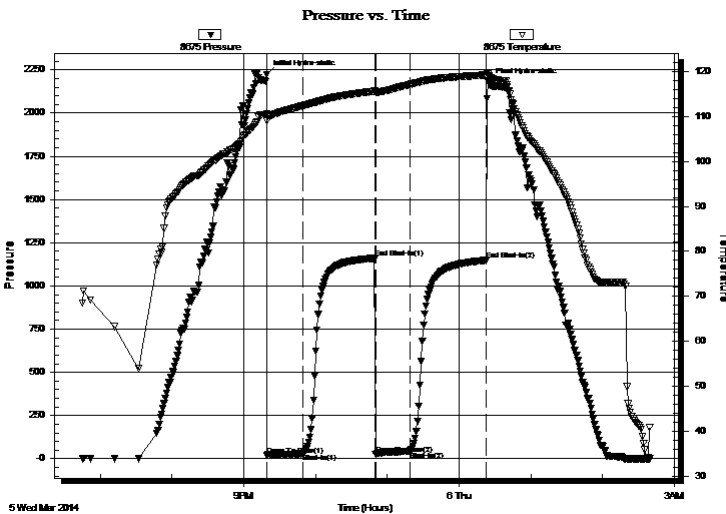
2014.03.05 @ 21:19:15

Time Off Btm:

2014.03.06 @ 00:24:45

**TEST COMMENT:** Built to 10" blow  
Bled off for 5 min. No return blow  
B.O.B. in 24 min.  
Bled off for 5 min. No return blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2223.65	110.51	Initial Hydro-static
1	22.08	109.09	Open To Flow (1)
31	30.62	112.40	Shut-In(1)
90	1160.21	115.62	End Shut-In(1)
91	27.88	115.32	Open To Flow (2)
120	44.07	117.15	Shut-In(2)
184	1148.09	119.25	End Shut-In(2)
186	2176.64	119.08	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	315 Feet Gas In Pipe	0.00
55.00	gcom 30%G 30%O 40%M	0.77

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Eternity Exploration, LLC

**26-10s-32w Thomas,KS**

338 Spyglass Dr  
Coppell TX 75019 - 5430

**JF Albers #1**

Job Ticket: 54619

**DST#: 4**

ATTN: Scott Alberg

Test Start: 2014.03.05 @ 18:45:00

## GENERAL INFORMATION:

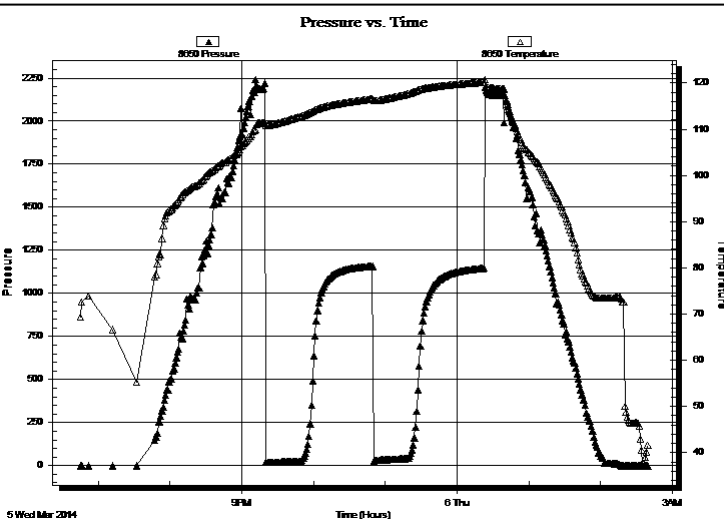
Formation: **Pawnee - Ft Scott**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 21:19:30  
 Time Test Ended: 02:39:15  
 Interval: **4448.00 ft (KB) To 4544.00 ft (KB) (TVD)**  
 Total Depth: 4544.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Poor  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Jace McKinney  
 Unit No: 75  
 Reference Elevations: 3048.00 ft (KB)  
 3038.00 ft (CF)  
 KB to GR/CF: 10.00 ft

**Serial #: 8650**

**Outside**

Press@RunDepth: psig @ 4449.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2014.03.05 End Date: 2014.03.06 Last Calib.: 2014.03.06  
 Start Time: 18:45:15 End Time: 02:39:15 Time On Btm:  
 Time Off Btm:

**TEST COMMENT:** Built to 10" blow  
 Bled off for 5 min. No return blow  
 B.O.B. in 24 min.  
 Bled off for 5 min. No return blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	315 Feet Gas In Pipe	0.00
55.00	gcom 30%G 30%O 40%M	0.77

## Gas Rates

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

\* Recovery from multiple tests



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Eternity Exploration, LLC

**26-10s-32w Thomas,KS**

338 Spyglass Dr  
Coppell TX 75019 - 5430

**JF Albers #1**

Job Ticket: 54619

**DST#: 4**

ATTN: Scott Alberg

Test Start: 2014.03.05 @ 18:45:00

## Tool Information

Drill Pipe:	Length: 4453.90 ft	Diameter: 3.80 inches	Volume: 62.48 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 76000.00 lb
			<u>Total Volume: 62.48 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	33.40 ft			String Weight: Initial 54000.00 lb
Depth to Top Packer:	4448.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	96.00 ft			
Tool Length:	123.50 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4421.50	
Shut In Tool	5.00			4426.50	
Hydraulic tool	5.00			4431.50	
Jars	5.00			4436.50	
Safety Joint	2.50			4439.00	
Packer	5.00			4444.00	27.50 Bottom Of Top Packer
Packer	4.00			4448.00	
Stubb	1.00			4449.00	
Recorder	0.00	8675	Inside	4449.00	
Recorder	0.00	8650	Outside	4449.00	
Perforations	26.00			4475.00	
Change Over Sub	1.00			4476.00	
Drill Pipe	64.00			4540.00	
Change Over Sub	1.00			4541.00	
Bullnose	3.00			4544.00	96.00 Bottom Packers & Anchor

**Total Tool Length: 123.50**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Eternity Exploration, LLC

**26-10s-32w Thomas,KS**

338 Spyglass Dr  
Coppell TX 75019 - 5430

**JF Albers #1**

Job Ticket: 54619

**DST#: 4**

ATTN: Scott Alberg

Test Start: 2014.03.05 @ 18:45:00

## 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:

ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	315 Feet Gas In Pipe	0.000
55.00	gcom 30%G 30%O 40%M	0.772

Total Length: 55.00 ft      Total Volume: 0.772 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

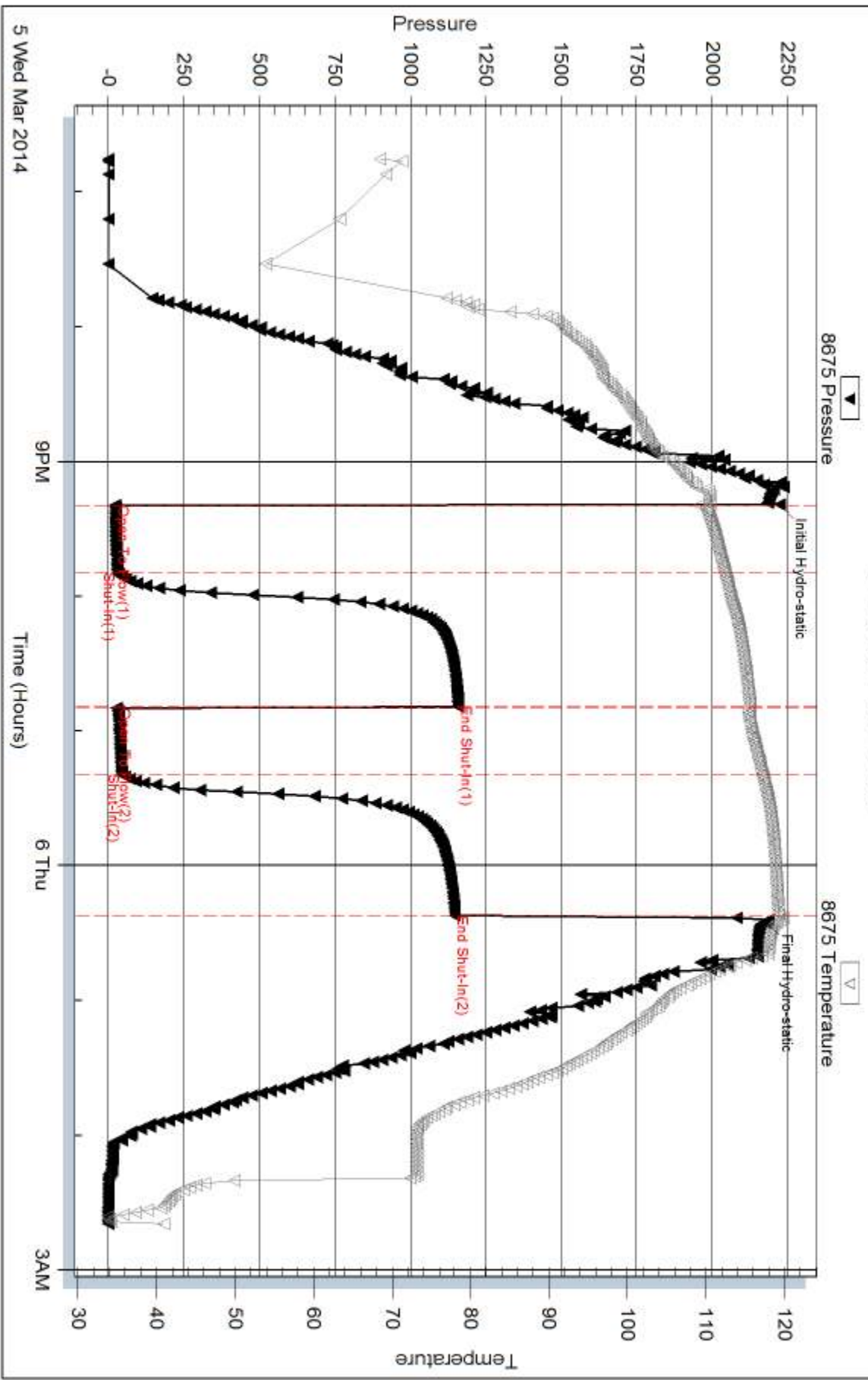
Laboratory Name:

Laboratory Location:

Recovery Comments:



# Pressure vs. Time

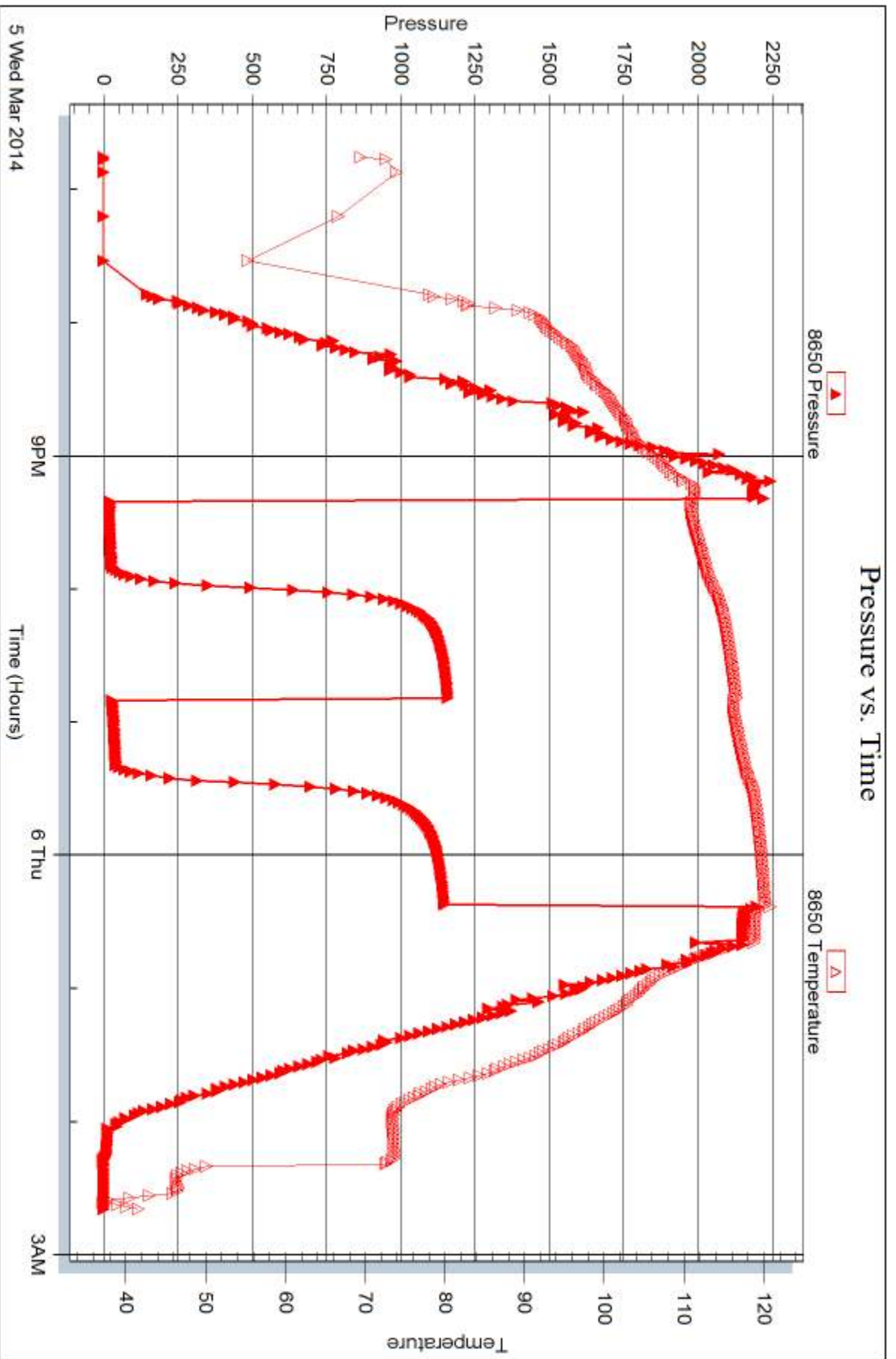


Serial #: 8650

Outside Eernity Exploration, LLC

JF Albers #1

DST Test Number: 4



Triobite Testing, Inc

Ref. No: 54619

Printed: 2014.03.07 @ 16:24:15



## DRILL STEM TEST REPORT

Prepared For: **Eternity Exploration, LLC**

338 Spyglass Dr  
Coppell TX 75019 - 5430

ATTN: Scott Alberg

### **JF Albers #1**

#### **26-10s-32w Thomas,KS**

Start Date: 2014.03.06 @ 13:50:00

End Date: 2014.03.06 @ 19:26:45

Job Ticket #: 54620                      DST #: 5

Trilobite Testing, Inc  
PO Box 362 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.03.07 @ 16:23:46

Eternity Exploration, LLC

26-10s-32w Thomas,KS

JF Albers #1

DST # 5

Cherokee-Johnson

2014.03.06



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Eternity Exploration, LLC

**26-10s-32w Thomas,KS**

338 Spyglass Dr  
Coppell TX 75019 - 5430

**JF Albers #1**

Job Ticket: 54620

**DST#: 5**

ATTN: Scott Alberg

Test Start: 2014.03.06 @ 13:50:00

## GENERAL INFORMATION:

Formation: **Cherokee-Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:20:30

Time Test Ended: 19:26:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Jace McKinney

Unit No: 75

**Interval: 4546.00 ft (KB) To 4614.00 ft (KB) (TVD)**

Reference Elevations: 3048.00 ft (KB)

Total Depth: 4614.00 ft (KB) (TVD)

3038.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 10.00 ft

**Serial #: 8675**

**Inside**

Press@RunDepth: 24.80 psig @ 4547.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.03.06

End Date:

2014.03.06

Last Calib.:

2014.03.06

Start Time:

13:50:15

End Time:

19:26:45

Time On Btm:

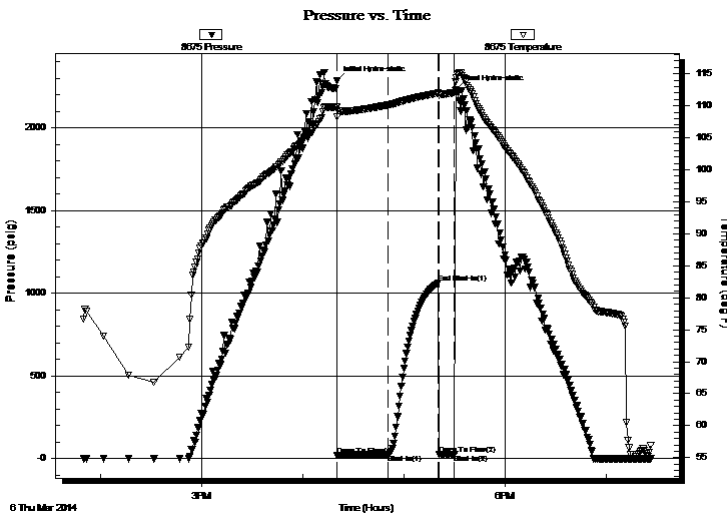
2014.03.06 @ 16:20:15

Time Off Btm:

2014.03.06 @ 17:31:00

**TEST COMMENT:** Built to 3/4", died to 1/2" blow  
No return blow  
No blow, Pulled tool

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2285.03	109.78	Initial Hydro-static
1	21.48	108.34	Open To Flow (1)
31	24.80	110.13	Shut-In(1)
61	1066.25	112.01	End Shut-In(1)
61	25.22	111.66	Open To Flow (2)
70	26.36	112.07	Shut-In(2)
71	2233.94	114.33	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
15.00	100% Mud w ith oil scum	0.21

## Gas Rates

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

\* Recovery from multiple tests





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Eternity Exploration, LLC

**26-10s-32w Thomas,KS**

338 Spyglass Dr  
Coppell TX 75019 - 5430

**JF Albers #1**

Job Ticket: 54620

**DST#: 5**

ATTN: Scott Alberg

Test Start: 2014.03.06 @ 13:50:00

## Tool Information

Drill Pipe:	Length: 4549.15 ft	Diameter: 3.80 inches	Volume: 63.81 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 72000.00 lb
			<u>Total Volume: 63.81 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.65 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	4546.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	68.00 ft			
Tool Length:	95.50 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4519.50	
Shut In Tool	5.00			4524.50	
Hydraulic tool	5.00			4529.50	
Jars	5.00			4534.50	
Safety Joint	2.50			4537.00	
Packer	5.00			4542.00	27.50 Bottom Of Top Packer
Packer	4.00			4546.00	
Stubb	1.00			4547.00	
Recorder	0.00	8675	Inside	4547.00	
Recorder	0.00	8650	Outside	4547.00	
Perforations	31.00			4578.00	
Change Over Sub	1.00			4579.00	
Drill Pipe	31.00			4610.00	
Change Over Sub	1.00			4611.00	
Bullnose	3.00			4614.00	68.00 Bottom Packers & Anchor

**Total Tool Length: 95.50**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Eternity Exploration, LLC

**26-10s-32w Thomas,KS**

338 Spyglass Dr  
Coppell TX 75019 - 5430

**JF Albers #1**

Job Ticket: 54620

**DST#: 5**

ATTN: Scott Alberg

Test Start: 2014.03.06 @ 13:50:00

### 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:

ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.79 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2700.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

#### Recovery Table

Length ft	Description	Volume bbl
15.00	100% Mud w ith oil scum	0.210

Total Length: 15.00 ft      Total Volume: 0.210 bbl

Num Fluid Samples: 0

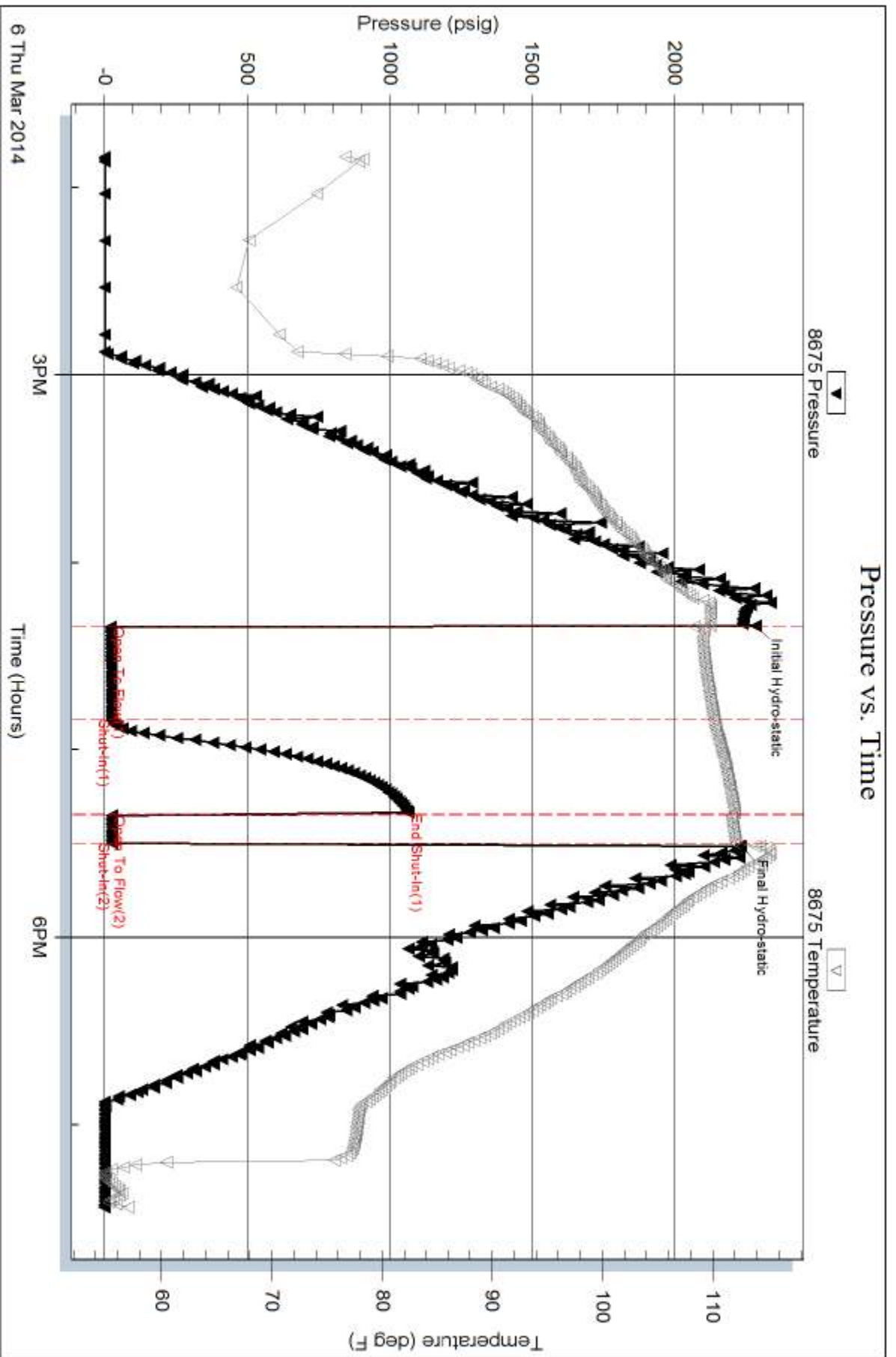
Num Gas Bombs: 0

Serial #:

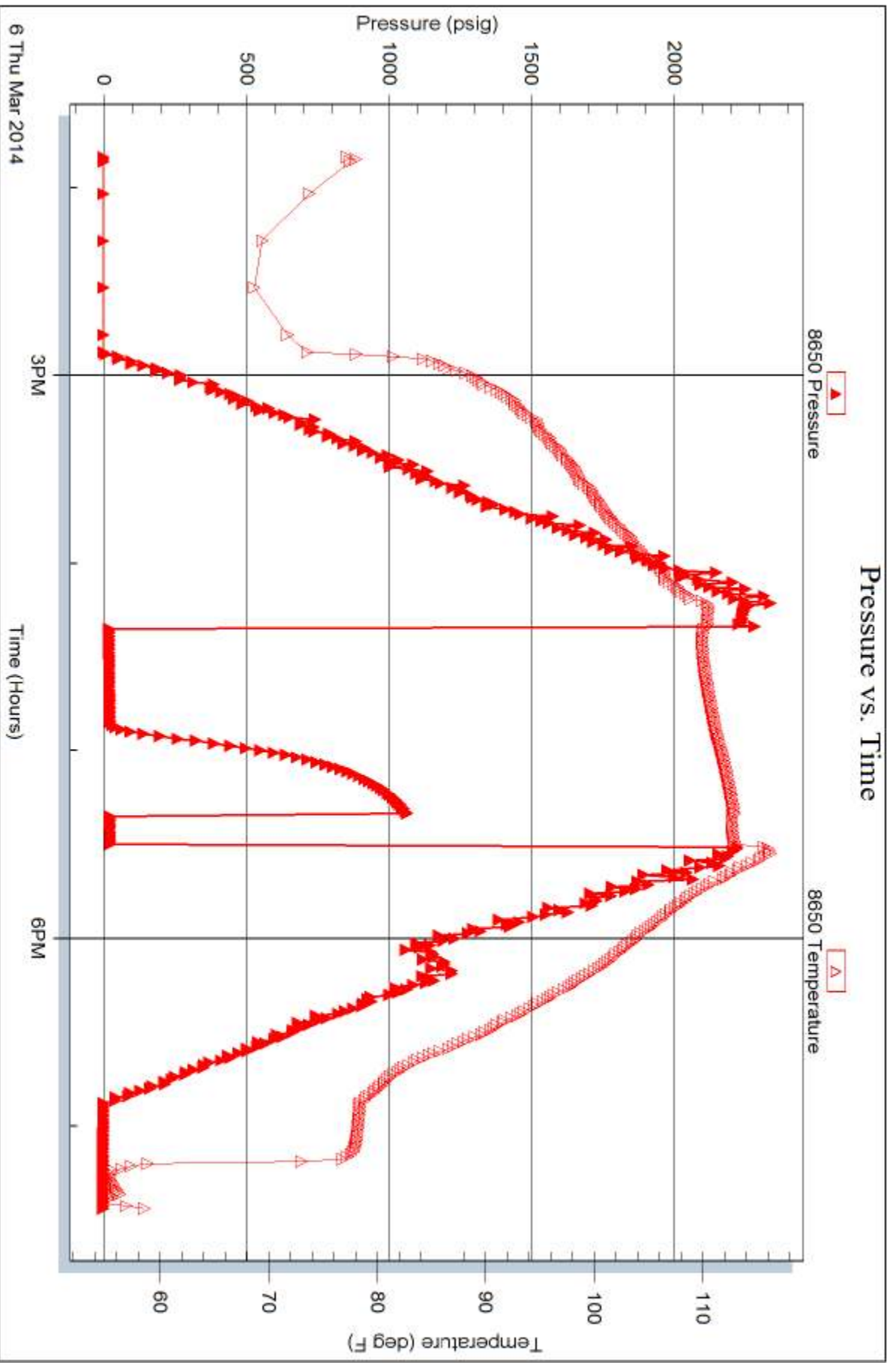
Laboratory Name:

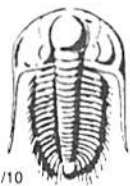
Laboratory Location:

Recovery Comments:









# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. **54616**

Well Name & No. JF Allgeers #1 Test No. 1 Date 3/2/14 3/3/14  
 Company Eternity Exploration, LLC Elevation 3048 KB 3038 GL  
 Address ~~Coppell TX 75019~~ 338 Spyglass Dr. Coppell TX 75019 -5430  
 Co. Rep / Geo. Scott Allberg Rig Val Energy Rig 7  
 Location: Sec. 26 Twp. 10S Rge. 32W Co. Thomas County State KS

Interval Tested 4114 - 4142 Zone Tested Kansas City "D+E"  
 Anchor Length 28' Drill Pipe Run 4113.15 Mud Wt. 8.6  
 Top Packer Depth 4110 Drill Collars Run \_\_\_\_\_ Vis 60  
 Bottom Packer Depth 4114 Wt. Pipe Run \_\_\_\_\_ WL 6.6  
 Total Depth 4142 Chlorides 1,200 ppm System LCM 3

Blow Description B.O.B. in 12 mins  
Bled off for 5 mins. No return below  
B.O.B. in 10 mins.

Bled off for 5 mins. No return below

Rec	Feet of	%gas	%oil	%water	%mud
<u>202</u>	<u>Feet of wcm</u>			<u>20</u>	<u>80</u>
<u>248</u>	<u>Feet of mw</u>			<u>80</u>	<u>20</u>
<u>310</u>	<u>Feet of water oil spots in tool</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 760 BHT 127 Gravity \_\_\_\_\_ API RW 20 @ 6.6 °F Chlorides 40,000 ppm

(A) Initial Hydrostatic 2,044  Test 1250 T-On Location 11:45  
 (B) First Initial Flow 67  Jars 250 T-Started 14:40  
 (C) First Final Flow 227  Safety Joint 75 T-Open 18:37  
 (D) Initial Shut-In 1,218  Circ Sub N/C T-Pulled 21:37  
 (E) Second Initial Flow 232  Hourly Standby 2hrs 200 T-Out 00:32  
 (F) Second Final Flow 376  Mileage 112 RT 173.60 Comments wasn't on bank until 2:30 I was told 12:30 on bank  
 (G) Final Shut-In 1,215  Sampler \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 (H) Final Hydrostatic 2,012  Straddle \_\_\_\_\_  Ruined Packer \_\_\_\_\_

Initial Open 30  Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Initial Shut-In 60  Extra Recorder \_\_\_\_\_ Sub Total 0  
 Final Flow 30  Day Standby \_\_\_\_\_ Total 1948.60  
 Final Shut-In 60  Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Sub Total 1948.60

Approved By \_\_\_\_\_ Our Representative [Signature]

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.





# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. **54617**

Well Name & No. 5F Allora # 1 Test No. 2 Date 3/3/14 3/4/14  
 Company Eternity Exploration, LLC Elevation 3098 KB 3038 GL  
 Address 338 Spyglass Dr Coppell TX, 75019-5430  
 Co. Rep / Geo. Scott Allberg Rig Val Energy Rig 7  
 Location: Sec. 26 Twp. 106 Rge. 32w Co. Thomas County State K5

Interval Tested 4185-4274 Zone Tested Kansas City "H.I.S"  
 Anchor Length 89 Drill Pipe Run 4116.24 Mud Wt. 9.2  
 Top Packer Depth 4181 Drill Collars Run \_\_\_\_\_ Vis 58  
 Bottom Packer Depth 4185 Wt. Pipe Run \_\_\_\_\_ WL 6.8  
 Total Depth 4274 Chlorides 1,600 ppm System LCM 2#

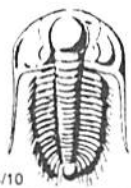
Blow Description Built to 10" below  
Bled off for 3 mins. No return below  
Built to 8" below  
Bled off for 3 mins. No return below

Rec	Feet of	%gas	%oil	%water	%mud
<u>263</u>	<u>Mud</u>				
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 263 BHT 119 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ ° F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic 2,092  Test 1250 T-On Location 14:30  
 (B) First Initial Flow 46  Jars 250 T-Started 15:30  
 (C) First Final Flow 106  Safety Joint 75 T-Open 18:41  
 (D) Initial Shut-In 1,256  Circ Sub N/C T-Pulled 21:41  
 (E) Second Initial Flow 105  Hourly Standby \_\_\_\_\_ T-Out 00:19  
 (F) Second Final Flow 163  Mileage 112 RT 173.60 Comments \_\_\_\_\_  
 (G) Final Shut-In 1,249  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 2,068  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Initial Open 30  Extra Recorder \_\_\_\_\_ Sub Total 0  
 Initial Shut-In 60  Day Standby \_\_\_\_\_ Total 1748.60  
 Final Flow 30  Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Final Shut-In 60 Sub Total 1748.60

Approved By \_\_\_\_\_ Our Representative [Signature]  
 Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. **54618**

Well Name & No. JF Albers #1 Test No. 3 Date 3/4/14 3/5/14  
 Company Eternity Exploration, LLC Elevation 3048 KB 3038 GL  
 Address 338 Spyglass Dr Coppell TX 75019-5430  
 Co. Rep / Geo. Scott Alberg Rig Val Energy Brey 7  
 Location: Sec. 26 Twp. 10s Rge. 32w Co. Thomas County State KS

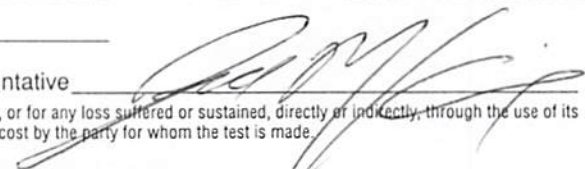
Interval Tested 4273-4380 Zone Tested Kansas City "K, L, Leopard"  
 Anchor Length 107' Drill Pipe Run 4228.24 Mud Wt. 9.3  
 Top Packer Depth 4269 Drill Collars Run \_\_\_\_\_ Vis 49  
 Bottom Packer Depth 4273 Wt. Pipe Run \_\_\_\_\_ WL 7.2  
 Total Depth 4380 Chlorides 2,200 ppm System LCM 2#

Blow Description B.O.B. in 2 min  
Bled off for 5 min. No return below  
B.O.B. in 4 min.  
Bled off for 5 min. No return below

Rec	Feet of	%gas	%oil	%water	%mud
<u>253</u>	<u>Mud</u>			<u>100</u>	
<u>315</u>	<u>mcw</u>		<u>50</u>	<u>50</u>	
<u>567</u>	<u>water</u>				
Rec _____	Feet of _____	%gas	%oil <u>100</u>	%water	%mud
Rec _____	Feet of _____	%gas	%oil	%water	%mud

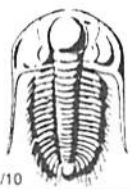
Rec Total 1135 BHT 125 Gravity \_\_\_\_\_ API RW 0.15 @ 60 ° F Chlorides 55,000 ppm

(A) Initial Hydrostatic <u>2,184</u>	<input checked="" type="checkbox"/> Test <u>12520</u>	T-On Location <u>16:00</u>
(B) First Initial Flow <u>93</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>16:30</u>
(C) First Final Flow <u>449</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>19:01</u>
(D) Initial Shut-In <u>1,178</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>21:46</u>
(E) Second Initial Flow <u>466</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>20:26</u>
(F) Second Final Flow <u>582</u>	<input checked="" type="checkbox"/> Mileage <u>112 RT</u> 173.60	Comments _____
(G) Final Shut-In <u>1,131</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2,139</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Shut-In <u>60</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Final Flow <u>15</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Shut-In <u>60</u>	<input type="checkbox"/> Day Standby	Total <u>1748.60</u>
	<input checked="" type="checkbox"/> Accessibility	MP/DST Disc't _____
	Sub Total <u>1748.60</u>	

Approved By \_\_\_\_\_ Our Representative 

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.





# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. **54619**

Well Name & No. SF Allora #1 Test No. 4 Date 3/5/14 3/6/14  
 Company Eternity Exploration, LLC Elevation 3048 KB 3038 GL  
 Address 338 Spaglass Dr. Coppell TX 75019-5430  
 Co. Rep / Geo. Scott Alberg Rig Val Energy Rig 7  
 Location: Sec. 26 Twp. 10S Rge. 32W Co. Thomas County State KS

Interval Tested 4448-4544 Zone Tested Pawnee, Myric Station, Fort Scott  
 Anchor Length 96 Drill Pipe Run 4453.50 Mud Wt. 9.2  
 Top Packer Depth 4444 Drill Collars Run \_\_\_\_\_ Vis 48  
 Bottom Packer Depth 4448 Wt. Pipe Run \_\_\_\_\_ WL 8.0  
 Total Depth 4544 Chlorides 2000 ppm System LCM 2#

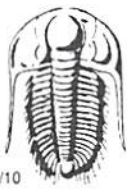
Blow Description Built to 10" below  
Bled off for 5 mins. No return below  
B.O.B. in 24 mins  
Bled off for 5 mins. No return below

Rec	Feet of	%gas	%oil	%water	%mud
<u>52</u>	<u>315 Feet Gas In Pipe</u>				
<u>55</u>	<u>600m</u>	<u>30</u>	<u>30</u>		<u>40</u>
Rec _____	Feet of _____	%gas	%oil	%water	%mud
Rec _____	Feet of _____	%gas	%oil	%water	%mud
Rec _____	Feet of _____	%gas	%oil	%water	%mud

Rec Total 55 BHT 117 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic <u>2,224</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>18:00</u>
(B) First Initial Flow <u>22</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>18:45</u>
(C) First Final Flow <u>31</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>21:20</u>
(D) Initial Shut-In <u>1,160</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>00:20</u>
(E) Second Initial Flow <u>28</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>02:39</u>
(F) Second Final Flow <u>44</u>	<input checked="" type="checkbox"/> Mileage <u>112 RT</u> 173.60	Comments _____
(G) Final Shut-In <u>1,148</u>	<input type="checkbox"/> Sampler _____	<input type="checkbox"/> Ruined Shale Packer _____
(H) Final Hydrostatic <u>2,177</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Packer _____
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Extra Copies _____
Initial Shut-In <u>60</u>	<input type="checkbox"/> Extra Packer _____	Sub Total <u>0</u>
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder _____	Total <u>1748.60</u>
Final Shut-In <u>60</u>	<input type="checkbox"/> Day Standby _____	MP/DST Disc't _____
	<input checked="" type="checkbox"/> Accessibility _____	
	Sub Total <u>1748.60</u>	

Approved By \_\_\_\_\_ Our Representative [Signature]  
 Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. **54620**

Well Name & No. JF Allora #1 Test No. 5 Date 3/6/14  
 Company Eternity Exploration, LLC Elevation 3048 KB 3038 GL  
 Address 338 Spynglass Dr Coppell TX 75019-5430  
 Co. Rep / Geo. Scott Allora Rig Val Energy Rig 7  
 Location: Sec. 26 Twp. 10S Rge. 32W Co. Thomas County State KS

Interval Tested 4546-4614 Zone Tested Cherokee + Johnson  
 Anchor Length 68 Drill Pipe Run 4549.15 Mud Wt. 9.3  
 Top Packer Depth 4542 Drill Collars Run \_\_\_\_\_ Vis 49  
 Bottom Packer Depth 4546 Wt. Pipe Run \_\_\_\_\_ WL 6.8  
 Total Depth 4614 Chlorides 2,700 ppm System LCM 2#  
 Blow Description Built to 3/4", died to 1/2" below  
No return below  
No below  
Pulled

Rec	Feet of	%gas	%oil	%water	%mud
<u>15</u>	<u>Mud with oil scum</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 15 BHT 112 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ ° F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic 2,285  Test 1250 T-On Location 13:15  
 (B) First Initial Flow 21  Jars 250 T-Started 13:50  
 (C) First Final Flow 25  Safety Joint 75 T-Open 16:20  
 (D) Initial Shut-In 1,066  Circ Sub N/C T-Pulled 17:25  
 (E) Second Initial Flow 25  Hourly Standby \_\_\_\_\_ T-Out 19:26  
 (F) Second Final Flow 26  Mileage 112 RT X 2 347.20 Comments loaded tools  
 (G) Final Shut-In Pulled  Sampler \_\_\_\_\_ 3/7/14 15:00  
 (H) Final Hydrostatic 2,234  Straddle \_\_\_\_\_  
 Ruined Shale Packer \_\_\_\_\_  
 Ruined Packer \_\_\_\_\_  
 Extra Copies \_\_\_\_\_

Initial Open 30  
 Initial Shut-In 30  
 Final Flow 5 pulled  
 Final Shut-In \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_  
 Day Standby \_\_\_\_\_  
 Accessibility \_\_\_\_\_  
 Sub Total 1922.20 MP/DST Disc't \_\_\_\_\_

Approved By \_\_\_\_\_ Our Representative [Signature]  
 Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



# GLOBAL CEMENTING, L.L.C.

1252

REMIT TO: 18048 170RD  
RUSSELL, KS 67665

SERVICE POINT: Russell, KS - Horie, KS

DATE <u>2-25-14</u>	SEC. <u>26</u>	TWP. <u>10</u>	RANGE <u>32</u>	CALLED OUT	ON LOCATION	JOB START <u>10:00am</u>	JOB FINISH <u>11:50am</u>
LEASE <u>JF Alber's</u>	WELL #. <u>1</u>	LOCATION			COUNTY <u>Thomas</u>	STATE <u>KS</u>	
OLD OR (NEW) (CIRCLE ONE)							

CONTRACTOR Oil #7

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 2166

CASING SIZE 8 5/8 DEPTH 270

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX 2000 MINIMUM 4000

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 2000

PERFS

DISPLACEMENT 15.9

EQUIPMENT

PUMP TRUCK CEMENTER Heath

# 11 HELPER Cody

BULK TRUCK DRIVER Fric

# 134

BULK TRUCK DRIVER

#

OWNER

CEMENT AMOUNT ORDERED 2000000 3/4 CC 2 1/2 bagel

COMMON @

POZMIX @

GEL @

CHLORIDE @

ASC @

HANDLING @

MILEAGE @

TOTAL

REMARKS:  
Run to bit of 8 5/8 casing and landing it  
Est Circulation  
Make up and mix 2000 and disp 15.9 bbl at  
4200 - shut in @ 20 ps  
ement out Circulate to surface

CHARGE TO: Energy Exploration

STREET

CITY STATE ZIP

Global Cementing, L.L.C.,  
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 contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME James Shultz

SIGNATURE [Signature]

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE

EXTRA FOOTAGE @

MILEAGE @

MANIFOLD @

TOTAL

PLUG & FLOAT EQUIPMENT

@

@

@

@

TOTAL

SALES TAX (If Any)

TOTAL CHARGES

DISCOUNT IF PAID IN 30 DAYS

DATE <u>3-8-14</u>	SEC. <u>26</u>	TWP. <u>10</u>	RANGE <u>32</u>	CALLED OUT	ON LOCATION	JOB START <u>2:00pm</u>	JOB FINISH <u>3:00pm</u>
LEASE <u>JE Albers</u>	WELL #. <u>1</u>	LOCATION			COUNTY <u>Thomas</u>	STATE <u>CO</u>	
OLD OR <u>NEW</u> (CIRCLE ONE)					1		

CONTRACTOR Wol #7

TYPE OF JOB Patway Plug

HOLE SIZE 2 1/8" T.D. 1710

CASING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. \_\_\_\_\_

PERFS \_\_\_\_\_

DISPLACEMENT \_\_\_\_\_

EQUIPMENT \_\_\_\_\_

PUMP TRUCK CEMENTER Heath

# P1 HELPER Cody

BULK TRUCK \_\_\_\_\_

# B3 DRIVER Heath

BULK TRUCK \_\_\_\_\_

# \_\_\_\_\_ DRIVER \_\_\_\_\_

OWNER \_\_\_\_\_

CEMENT AMOUNT ORDERED 220s x 60/40 40/60 gel

1 1/4" ETO

COMMON \_\_\_\_\_ @ \_\_\_\_\_

POZMIX \_\_\_\_\_ @ \_\_\_\_\_

GEL \_\_\_\_\_ @ \_\_\_\_\_

CHLORIDE \_\_\_\_\_ @ \_\_\_\_\_

ASC \_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

HANDLING \_\_\_\_\_ @ \_\_\_\_\_

MILEAGE \_\_\_\_\_ @ \_\_\_\_\_

TOTAL \_\_\_\_\_

REMARKS:

1st Plug @ 2605' = 253x

2nd Plug @ 1740' = 1005x

3rd Plug @ 315' = 405x

come out of hole and push wiper plug

and top off with 10x

RH = 30 MH = 15

CHARGE TO: Eternity Exploration

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

SERVICE

DEPTH OF JOB \_\_\_\_\_

PUMP TRUCK CHARGE \_\_\_\_\_

EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_

MILEAGE \_\_\_\_\_ @ \_\_\_\_\_

MANIFOLD \_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL \_\_\_\_\_

Global Cementing, L.L.C.,  
 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 contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PLUG & FLOAT EQUIPMENT

\_\_\_\_\_ @ \_\_\_\_\_

3 3/8" dry hole plug @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL \_\_\_\_\_

PRINTED NAME James Schultz

SIGNATURE [Signature]

SALES TAX (If Any) \_\_\_\_\_

TOTAL CHARGES \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS