



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1200634
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
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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: _____

1200634

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
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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)*

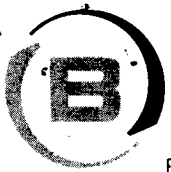
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <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> _____	PRODUCTION INTERVAL: _____ _____
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BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET
1718 09637 A

DATE _____ TICKET NO. _____

DATE OF JOB -11-14		DISTRICT PRATT		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/>		PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/>		CUSTOMER ORDER NO.:	
CUSTOMER CASTELLI EXPLORATION INC				LEASE EINS-1 A				WELL NO. 4	
ADDRESS				COUNTY COMANCHE		STATE KS			
CITY				STATE		SERVICE CREW MATTAI, MICHAEL, PRATT			
AUTHORIZED BY				JOB TYPE: CAW CORR					
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
37586	.5						1-10-14	PM	7:00
						ARRIVED AT JOB		AM	10:14
27463	.5					START OPERATION	1-11-14	AM	4:04
						FINISH OPERATION		AM	4:40
19831/19867	.5					RELEASED		AM	5:15
						MILES FROM STATION TO WELL			75

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: *[Signature]*
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 106	A Solve 117	SK	200		2,600.00
CP 103	60/40 POZ	SK	150		1,400.00
CC 102	Cellulose	LB	88		325.60
CC 109	Calcium Chloride	LB	909		954.45
E 100	P.u. miles	MH	75		318.75
E 101	Heavy eq. miles	MH	150		1,050.00
E 113	Prod + Bulk Pci	TM	1136		1,818.00
CE 200	Depth Charge 0-500'	4hr	1		1,000.00
CE 240	Blend + mix charge	SK	350		490.00
S 003	Service Supervisor	ea	1		175.00

SUB TOTAL
16 7,898.85

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		

SERVICE REPRESENTATIVE Mike Mattai	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <i>[Signature]</i> (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
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FIELD SERVICE ORDER NO.

Customer EASTELL EXPLORATION INC	Lease No.	Date 1-11-14
Lease EINSEL A	Well # 4	
Field Order # 9637	Station PRATT	Casing 13 3/8
		Depth 305.8
Type Job CNW 2010	Formation	County CONAWAY
		State KS
		Legal Description 24-33-17

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
13 3/8				Pre Pad	Max		5 Min.	
Depth 305.8	Depth	From	To	Pad	Min		10 Min.	
Volume 48.1	Volume	From	To	Frac	Avg		15 Min.	
Max Press 300	Max Press	From	To		HHP Used		Annulus Pressure	
Well Connection 5" V	Annulus Vol.	From	To	Flush 45	Gas Volume		Total Load	
Plug Depth 285.87	Packer Depth	From	To					

Customer Representative Rick POPP	Station Manager Kevin GUILDREY	Treater Mike MATTIA
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Service Units	37586	27463	19831	19862				
Driver Names	MATTIA	KUMIN	PIERSON					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
10:15 AM					ON LOCATION / SAKREY MEETING
2:15					RUN 13 3/8 48# CSNG
3:15					CSNG ON BOTTOM
3:40					TOOK UP TO CSNG / BREAK CIRC W. RIG
4:04	100		3	5	PUMP 3 BBI H2O
4:05	100		60	5	MIX 200 SAS A SERVO LITE
4:18	200		34	5	MIX 150 SKI 60/40 POZ
4:30	200			5	START DISP.
4:40	250		45		PLUG DOWN / SHUT IN WELL
					15 BBLs CUT TO PIT
					JOB COMPLETE
					THANK YOU!
					MIKE MATTIA



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET
1718 A

DATE _____ TICKET NO. _____

DATE OF JOB: 1-21-14		DISTRICT: Pratt		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:						
CUSTOMER: [Handwritten]		LEASE: [Handwritten]		WELL NO.: [Handwritten]						
ADDRESS:		COUNTY: [Handwritten]		STATE: [Handwritten]						
CITY:		STATE:		SERVICE CREW: [Handwritten]						
AUTHORIZED BY:		JOB TYPE: [Handwritten]								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
[Handwritten]	[Handwritten]									[Handwritten]
						ARRIVED AT JOB				[Handwritten]
						START OPERATION				[Handwritten]
						FINISH OPERATION				[Handwritten]
						RELEASED				[Handwritten]
						MILES FROM STATION TO WELL				[Handwritten]

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: [Signature]
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CC 103	APC	50	15		2550 00
CC 103	CO/NO PIP	50	5		1020 00
CC 103	CO/NO PIP	10	35		140 00
CC 111	SALT	10	634		242 00
CC 111	[Handwritten]	10	43		258 00
CC 11	[Handwritten]	10	141		726 15
CC 121	[Handwritten]	10	45		322 50
CC 214	[Handwritten]	10	35		502 50
CC 107	[Handwritten]	50	1		400 00
CC 107	[Handwritten]	50	1		360 00
CC 107	[Handwritten]	50	8		240 00
CC 704	[Handwritten]	50	6		216 00
CC 100	[Handwritten]	10	7		318 75
CC 101	[Handwritten]	10	15		1050 00
CC 113	[Handwritten]	70	800		1290 00
CC 206	[Handwritten]	40	1		2850 00
CC 240	[Handwritten]	50	235		329 00
CC 504	[Handwritten]	50	250		250 00
S 000	[Handwritten]	50	1		175 00
SUB TOTAL					10,510 38

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		

SERVICE REPRESENTATIVE: [Handwritten]	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: [Signature]
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(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

Customer Castelli Exploration Inc	Lease No.	Date 1-21-14
Lease EINS-1 A	Well # 4	
Field Order # 9646	Station Pratt	Casing 5 1/2
		Depth 5692
Type Job CNW L.S.	Formation RTO 5700	County COMANCHE
		State KS
		Legal Description 24-32-17

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size 5 1/2	Tubing Size	Shots/Ft		Acid 150 SKS AA-2	1/4" RATE	PRESS 1090 SAIT	ISIP CR-R
Depth 5692	Depth	From	To	Pre Pad	Max 920 FIK	5# gel	5 Min. 190 gals Block
Volume 135.47	Volume	From	To	Pad 85 SKS 60	Min 40 P02		10 Min.
Max Press 1750	Max Press	From	To	Frac	Avg		15 Min.
Well Connection PC	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth 5649.82	Packer Depth	From	To	Flush 134.5	Gas Volume		Total Load

Customer Representative RICK POPP	Station Manager Kevin Suidley	Treater MIKE MARTTAI
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Service Units	37586	27463	19831	19862				
Driver Names	MARTTAI	Kuechin	PITTS	ON				

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
8:00 PM					ON LOCATION / SAFETY MEETING
9:00					RUN 5 1/2 15.5# CSNG
					TURBO ON 1, 10, 11, 12, 13, 14, 15, 16
12:10					Circ. 30 minutes 30 STS LEFT
12:40					RUN CSNG
1:35					RE CASING ON BOTTOM
1:43					HOOK UP TO CSNG / BREAK CIRC W. RIG
2:44	300		3	4.5	PUMP 3 BBL H2O
2:49	300		8	4.5	MIX 35 SKS SCAVENGER @ 14.4 PPG
2:53	300		36	5	MIX 150 SKS AA-2 @ 15.3 PPG
3:03			4	3	WASH PUMP + LINES
3:08	200			6	RELEASE PLUG / START DISPLACEMENT
3:25	400		105	5	LIFT PRESSURE
3:29	700		125	4	SLOW RATE
3:33	1100/1600		134.5		PLUG DOWN, PSE TO 1600, RELEASE + HOLD
3:40			7/5		PLUG RAT HOLE + MOUNT HOLE
					CIRC TURN JOB
					JOB COMPLETE
					THANK YOU!
					MIKE MARTTAI



DRILL STEM TEST REPORT

Prepared For: **Castelli Exploration, Inc.**

6908 NW 112th
Oklahoma City OK 73162

ATTN: Rick Popp

Einsel A #4

24-33s-17w Comanche,KS

Start Date: 2014.01.19 @ 20:40:00

End Date: 2014.01.20 @ 07:30:15

Job Ticket #: 55499 DST #: 1

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

Printed: 2014.01.23 @ 14:03:48



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Castelli Exploration, Inc.

24-33s-17w Comanche, KS

6908 NW 112th
Oklahoma City OK 73162

Einsel A #4

Job Ticket: 55499

DST#: 1

ATTN: Rick Popp

Test Start: 2014.01.19 @ 20:40:00

GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:53:00

Time Test Ended: 07:30:15

Test Type: Conventional Straddle (Initial)

Tester: Brett Dickinson

Unit No: 59

Interval: 5215.00 ft (KB) To 5270.00 ft (KB) (TVD)

Reference Elevations: 1854.00 ft (KB)

Total Depth: 5700.00 ft (KB) (TVD)

1842.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 12.00 ft

Serial #: 8319 Inside

Press@RunDepth: 145.17 psig @ 5266.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.01.19

End Date: 2014.01.20

Last Calib.: 2014.01.20

Start Time: 20:40:05

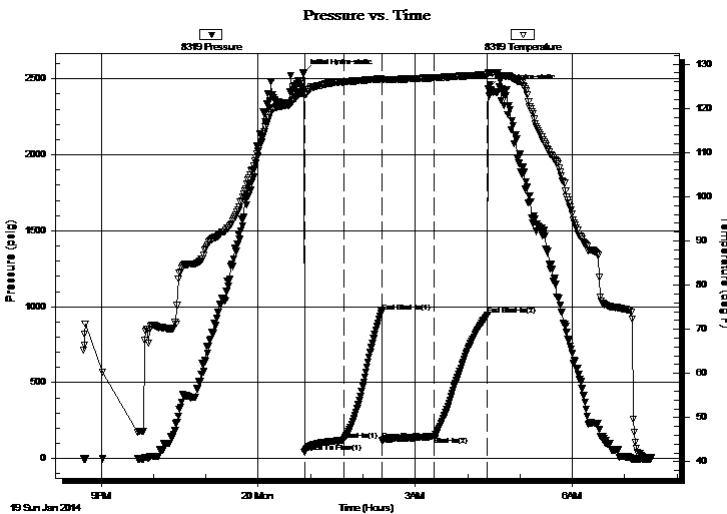
End Time: 07:30:15

Time On Btm: 2014.01.20 @ 00:52:30

Time Off Btm: 2014.01.20 @ 04:24:00

TEST COMMENT: IF-9" blow
IS-No blow
FF-6" blow
FS-No blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2538.82	123.72	Initial Hydro-static
1	41.62	123.06	Open To Flow (1)
46	122.30	126.00	Shut-In(1)
89	968.65	126.70	End Shut-In(1)
90	119.66	126.45	Open To Flow (2)
150	145.17	126.94	Shut-In(2)
211	946.95	127.60	End Shut-In(2)
212	2437.38	128.06	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
230.00	WCM 20%W 80%M	1.13

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

Castelli Exploration, Inc.
6908 NW 112th
Oklahoma City OK 73162

ATTN: Rick Popp

24-33s-17w Comanche, KS

Einsel A #4

Job Ticket: 55499

DST#: 1

Test Start: 2014.01.19 @ 20:40:00

GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:53:00

Time Test Ended: 07:30:15

Test Type: Conventional Straddle (Initial)

Tester: Brett Dickinson

Unit No: 59

Interval: 5215.00 ft (KB) To 5270.00 ft (KB) (TVD)

Reference Elevations: 1854.00 ft (KB)

Total Depth: 5700.00 ft (KB) (TVD)

1842.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 12.00 ft

Serial #: 8736 Below (Straddle)

Press@RunDepth: psig @ 5275.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.01.19

End Date: 2014.01.20

Last Calib.: 2014.01.20

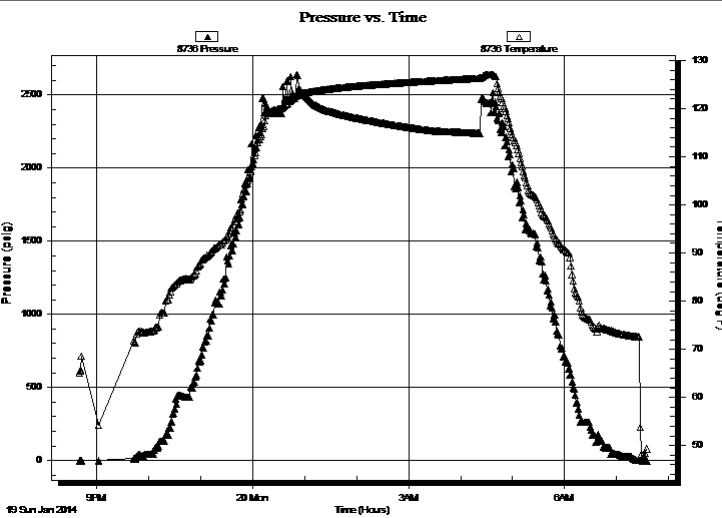
Start Time: 20:40:05

End Time: 07:35:30

Time On Btm:

Time Off Btm:

TEST COMMENT: IF-9" blow
IS-No blow
FF-6" blow
FS-No blow



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
230.00	WCM 20%W 80%M	1.13

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Castelli Exploration, Inc.
 6908 NW 112th
 Oklahoma City OK 73162
 ATTN: Rick Popp

24-33s-17w Comanche, KS
Einsel A #4
 Job Ticket: 55499 **DST#: 1**
 Test Start: 2014.01.19 @ 20:40:00

GENERAL INFORMATION:

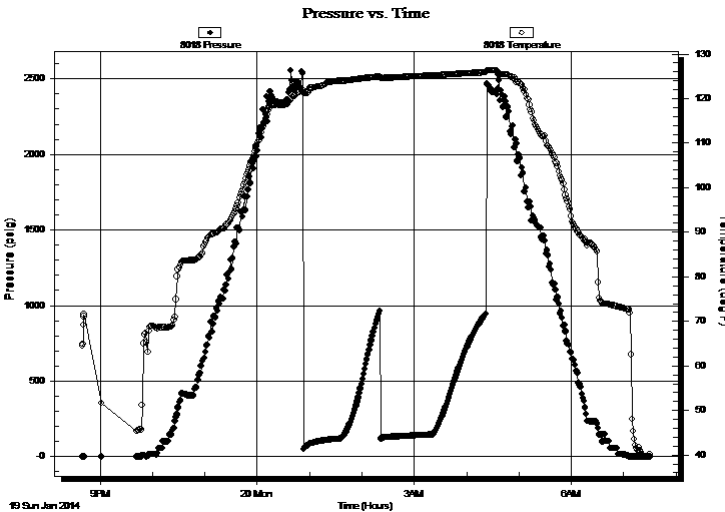
Formation: **Miss**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Straddle (Initial)
 Time Tool Opened: 00:53:00 Tester: Brett Dickinson
 Time Test Ended: 07:30:15 Unit No: 59
Interval: 5215.00 ft (KB) To 5270.00 ft (KB) (TVD)
 Reference Elevations: 1854.00 ft (KB)
 Total Depth: 5700.00 ft (KB) (TVD) 1842.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 12.00 ft

Serial #: 8018 Outside

Press@RunDepth: psig @ 5266.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.01.19 End Date: 2014.01.20 Last Calib.: 2014.01.20
 Start Time: 20:40:05 End Time: 07:30:00 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF-9" blow
 IS- No blow
 FF-6" blow
 FS- No blow

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
230.00	WCM 20%W 80%M	1.13

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Castelli Exploration, Inc.

24-33s-17w Comanche, KS

6908 NW 112th
Oklahoma City OK 73162

Einsel A #4

Job Ticket: 55499

DST#: 1

ATTN: Rick Popp

Test Start: 2014.01.19 @ 20:40:00

Tool Information

Drill Pipe:	Length: 4915.00 ft	Diameter: 3.80 inches	Volume: 68.94 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 279.00 ft	Diameter: 2.25 inches	Volume: 1.37 bbl	Weight to Pull Loose: 110000.0 lb
			<u>Total Volume: 70.31 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 101000.0 lb
Depth to Top Packer:	5215.00 ft			Final 101000.0 lb
Depth to Bottom Packer:	5270.00 ft			
Interval between Packers:	55.00 ft			
Tool Length:	516.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Change Over Sub	1.00			5188.00	
Shut In Tool	5.00			5193.00	
Hydraulic tool	5.00			5198.00	
Jars	5.00			5203.00	
Safety Joint	3.00			5206.00	
Packer	4.00			5210.00	28.00 Bottom Of Top Packer
Packer	5.00			5215.00	
Stubb	1.00			5216.00	
Perforations	5.00			5221.00	
change Over Sub	1.00			5222.00	
Blank Spacing	32.00			5254.00	
Change Over Sub	1.00			5255.00	
Perforations	11.00			5266.00	
Recorder	0.00	8319	Inside	5266.00	
Recorder	0.00	8018	Outside	5266.00	
Blank Off Sub	4.00			5270.00	55.00 Tool Interval
Packer	4.00			5274.00	
Stubb	1.00			5275.00	
Recorder	0.00	8736	Below	5275.00	
perforations	15.00			5290.00	
Change Over Sub	1.00			5291.00	
Blank Spacing	406.00			5697.00	
Change Over Sub	1.00			5698.00	
Perforations	2.00			5700.00	
Bullnose	3.00			5703.00	433.00 Bottom Packers & Anchor

Total Tool Length: 516.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Castelli Exploration, Inc.

24-33s-17w Comanche, KS

6908 NW 112th
Oklahoma City OK 73162

Einsel A #4

Job Ticket: 55499

DST#: 1

ATTN: Rick Popp

Test Start: 2014.01.19 @ 20:40:00

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:

55000 ppm

Viscosity: 63.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
230.00	WCM 20%W 80%M	1.131

Total Length: 230.00 ft Total Volume: 1.131 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

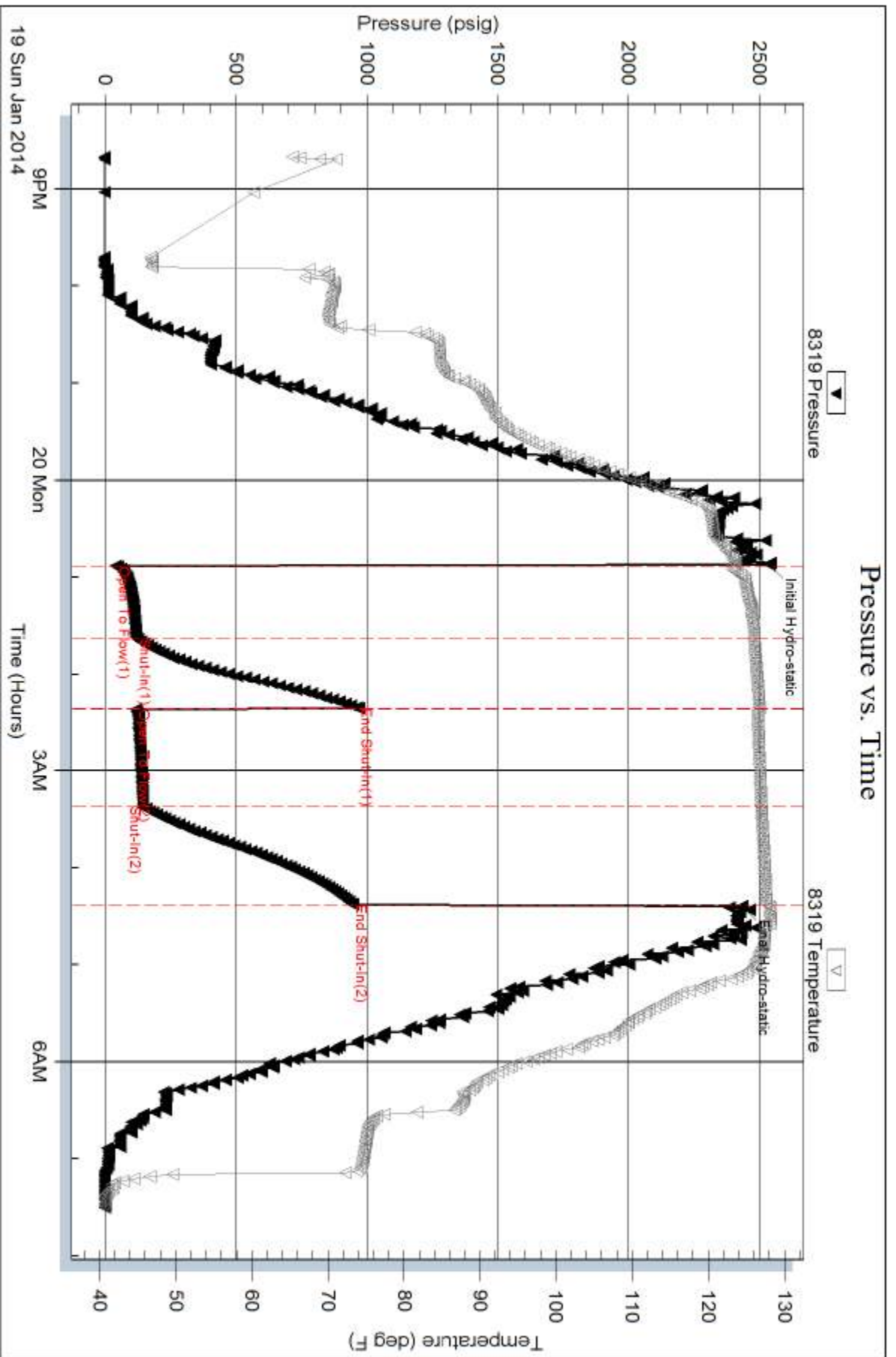
Serial #: 8319

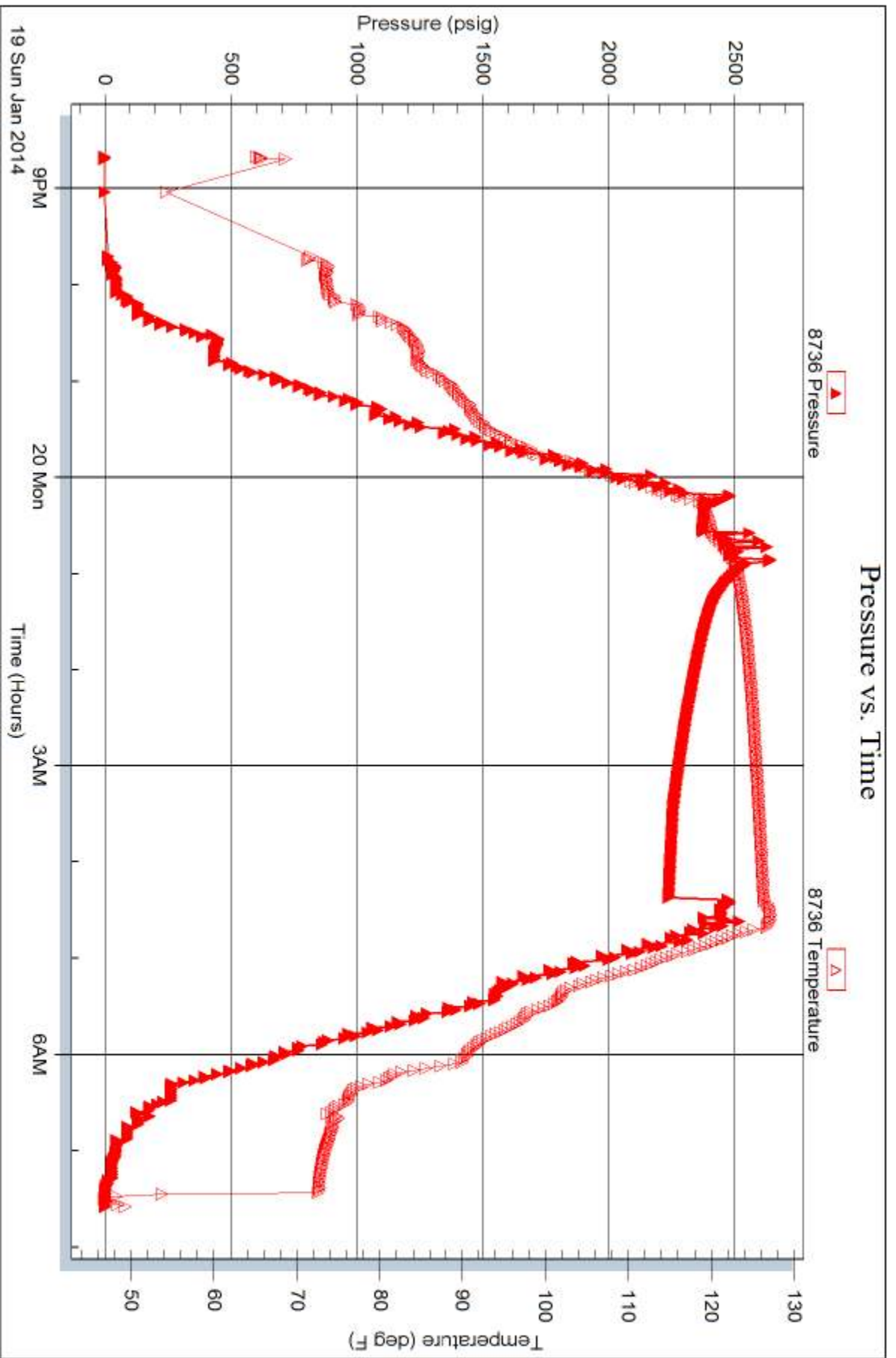
Inside

Castelli Exploration, Inc.

Ensel A #4

DST Test Number: 1



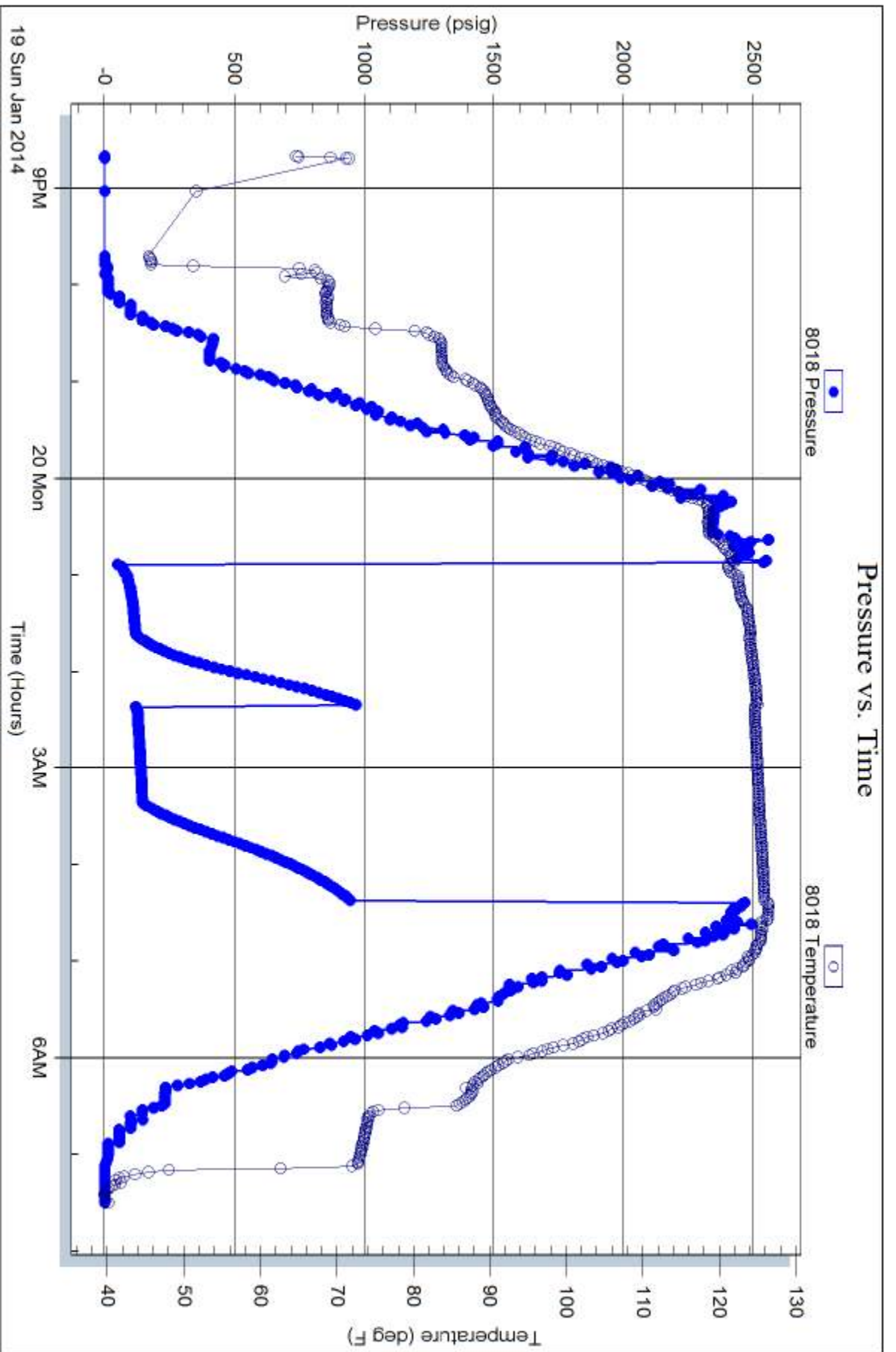


Serial #: 8018

Outside Castell Exploration, Inc.

Ensel A #4

DST Test Number: 1



Tribble Testing, Inc

Ref. No: 55499

Printed: 2014.01.23 @ 14:03:50



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 55499

4/10

Well Name & No. Einsel A #4 Test No. 1 Date 1/19/14
 Company Castelli Exploration, Inc Elevation 1854 KB 1842 GL
 Address 6908 NW 112th Oklahoma City OK 73162
 Co. Rep / Geo. Popp Rig Duke #6
 Location: Sec. 24 Twp. 33 Rge. 17 Co. Comanche State KS

Interval Tested 5215 - 5270 Zone Tested Miss
 Anchor Length 55 Drill Pipe Run 4915 Mud Wt. 9.3
 Top Packer Depth 5210, 5215 Drill Collars Run 279 Vis 63
 Bottom Packer Depth 5270 Wt. Pipe Run - WL 9.0
 Total Depth 5700 Chlorides 3000 ppm System LCM 7#

Blow Description IF-9in blow
ISZ - No blow
FF-6in blow
PSZ - No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>230</u>	<u>wcm</u>			<u>70</u>	<u>80</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 230 BHT 128 Gravity _____ API RW .25 @ 40 °F Chlorides 33,000 ppm

(A) Initial Hydrostatic 2539 Test 1350 T-On Location 20:10
 (B) First Initial Flow 42 Jars 250 T-Started 20:40
 (C) First Final Flow 122 Safety Joint 75 T-Open :49
 (D) Initial Shut-In 969 Circ Sub _____ T-Pulled 4:19
 (E) Second Initial Flow 120 Hourly Standby _____ T-Out 7:30
 (F) Second Final Flow 145 Mileage 27607 126rt 195.30
 (G) Final Shut-In 947 Sampler _____
 (H) Final Hydrostatic 2437 Straddle 600
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

Initial Open 45
 Initial Shut-In 75
 Final Flow 60
 Final Shut-In 60

Sub Total 2470.30

Comments _____
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Sub Total 0
 Total 2470.30
 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.

Einsel A #4 Frac Job

04-23-14 Nuverra set 17 - 500 bbl frac tanks then filled them w/ well from Gregg Ranch. RU Basic Energy Svc frac equipment, frac well as follows: FL @ 2100', Stage #1; 66,000 gal pad, 1681# @ 75 bpm (increased pad rate slowly). Stage #2; 20,000 gal w/ .1# of 30/50 sand, 1681# @ 74.8 bpm. Stage #3; 21,000 gal w/ .2# of 30/50 sand, 1635# @ 75 bpm. Stage #4; 21,000 gal w/ .3# of 30/50 sand, 1570# @ 74.9 bpm. Stage #5; 26,000 gal w/ .4# of 30/50 sand, 1496# @ 75.2 bpm. Stage #6; 26,000 gal w/ .5# of 30/50 sand, 1430# @ 75.3 bpm. Stage #7; 26,000 gal w/ .6# of 30/50 sand, 1393# @ 75.3 bpm. Stage #8; 26,000 gal w/ .7# of 30/50 sand, 1375# @ 75.3 bpm. Stage #9; 26,000 gal w/ .8# of 30/50 sand, 1348# @ 74.9 bpm. Stage #10; 23,000 gal w/ .9# of 16/30 sand, 1313# @ 74.4 bpm. Stage #11; 20,000 gal w/ 1# of 16/30 sand, 1223# @ 74.5 bpm. Stage #12; 4,000 gal w/ 1.5# of 16/30 resin sand, 1220# @ 74.6 bpm. Stage #13; 3,156 gal w/ 2# of 16/30 resin sand, 1200# @ 74.2 bpm. Stage #14; 6,600 gal flush, 1288# @ 74.9 bpm. ISIP – vac. Total load – 7650 bbl. RDMO Basic Energy Svc.

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



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

Shari Feist Albrecht, Chair
Jay Scott Emler, Commissioner
Pat Apple, Commissioner

Sam Brownback, Governor

May 22, 2014

Tisha Love
Castelli Exploration, Inc.
6908 NW 112TH
OKLAHOMA CITY, OK 73162-2976

Re: ACO-1
API 15-033-21744-00-00
Einsel A 4
NE/4 Sec.24-33S-17W
Comanche County, Kansas

Dear Tisha Love:

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

The above referenced well was spudded on 01/10/2014 and the ACO-1 was received on May 19, 2014 (not within the 120 days timely requirement).

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

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

Sincerely,

Production Department