



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1197624
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: _____

1197624

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
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:				

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)* _____

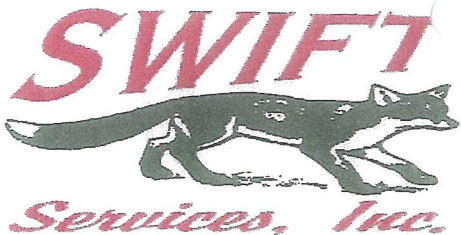
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

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> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
--	---	---

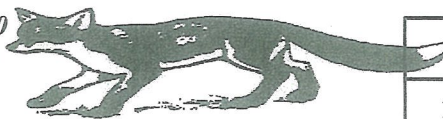
Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	KDH-Kandt 1
Doc ID	1197624

Tops

Name	Top	Datum
Anhy.	2039	(+ 605)
Base Anhy.	2075	(+ 574)
Topeka	3648	(- 998)
Heebner	3906	(-1257)
Lansing	3948	(-1298)
Stark Sh.	4194	(-1550)
BKC	4254	(-1610)
Marmaton	4321	(-1677)
Ft. Scott	4448	(-1804)
Cherokee Sh.	4474	(-1829)
Miss.	4544	(-1900)
LTD	4680	(-2036)



P. O. Box 466
Ness City, KS 67560
Off: 785-798-2300



RECEIVED
FEB 06 2014

Invoice

DATE	INVOICE #
1/31/2014	26069

BILL TO
Palomino Petroleum Inc. 4924 S E 84th Street Newton, KS 67114-8827

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1	KDH Kandt	Ness	Cheyenne Well Se...	Oil	Development	Cement Port Collar	Jason

PRICE REF.	DESCRIPTION	QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way	40	Miles	6.00	240.00
576D-D	Pump Charge - Port Collar	1	Job	1,500.00	1,500.00
105	Port Collar Tool Rental With Man	1	Each	350.00	350.00T
276	Flocele	40	Lb(s)	2.50	100.00T
290	D-Air	1.5	Gallon(s)	42.00	63.00T
330	Swift Multi-Density Standard (MIDCON II)	150	Sacks	18.50	2,775.00T
581D	Service Charge Cement	200	Sacks	2.00	400.00
583D	Drayage	399.4	Ton Miles	1.00	399.40
	Subtotal				5,827.40
	Sales Tax Ness County			6.15%	202.21

We Appreciate Your Business!

Total

\$6,029.61



CHARGE TO: **Palomino Petroleum**
 ADDRESS:
 CITY, STATE, ZIP CODE

TICKET 26069

PAGE 1 OF 1

SERVICE LOCATIONS: **Ness City, KS.** WELL/PROJECT NO.: **KDH-KAUDI #1** LEASE: **Ness** COUNTY: **PARSONS** STATE: **KS** CITY: **WICOMA, KS.** DATE: **3/5/2014** OWNER: **3/5/2014**

TICKET TYPE: SERVICE SALES CONTRACTOR: **CATYENNE WELLSERV.** RIG NAME/NO.: **Ness** SHIPPED VIA: **DELIVERED TO** ORDER NO.: **15W/1/25, w/s I/O**

WELL TYPE: **OIL** WELL CATEGORY: **DEVELOPMENT** JOB PURPOSE: **Cement Port Cular** WELL PERMIT NO.: **15W/1/25, w/s I/O**

REFERRAL LOCATION: **OIL** INVOICE INSTRUCTIONS:

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
75					MILEAGE #115	40	mil			6.00	240.00
576D					Pump Charge	1	hrs.			1500.00	1500.00
105					Port Cular Opense Tool	1	500s			350.00	350.00
276					FLOCEL.	4	16s			22.50	100.00
290					D-AIR	1	300			42.00	603.00
330					SMD CEMENT	150	5x			18.50	2775.00
581					CEMENT SERVICE CHARGE	2	005x			2.00	400.00
33					DRAINAGE	1	99701/05	399.40	tm	1.00	399.40

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

DATE SIGNED: **3/5/2014** TIME SIGNED: **1030** A.M. P.M.

SIGNED: *[Signature]*

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY: OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? WE UNDERSTOOD AND MET YOUR NEEDS? OUR SERVICE WAS PERFORMED WITHOUT DELAY? WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? ARE YOU SATISFIED WITH OUR SERVICE? YES NO

CUSTOMER DID NOT WISH TO RESPOND

TOTAL: **6029.60**

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

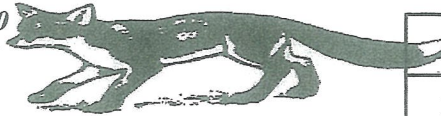
SWIFT OPERATOR: *[Signature]* APPROVAL: *[Signature]*

Thank You

SWIFT



P. O. Box 466
Ness City, KS 67560
Off: 785-798-2300



Invoice

DATE	INVOICE #
1/27/2014	25091

BILL TO
Palomino Petroleum Inc. 4924 S E 84th Street Newton, KS 67114-8827

RECEIVED
JAN 30 2014

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1	KDH Kandt	Ness	Maverick Drilling ...	Oil	Development	LongString	Nick
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				40	Miles	6.00	240.00
578D-L	Pump Charge - Long String - 4680 Feet				1	Job	1,500.00	1,500.00
221	Liquid KCL (Clayfix)				4	Gallon(s)	25.00	100.00T
281	Mud Flush				500	Gallon(s)	1.25	625.00T
290	D-Air				2	Gallon(s)	42.00	84.00T
403-5	5 1/2" Cement Basket				2	Each	300.00	600.00T
404-5	5 1/2" Port Collar				1	Each	2,900.00	2,900.00T
406-5	5 1/2" Latch Down Plug & Baffle				1	Each	275.00	275.00T
407-5	5 1/2" Insert Float Shoe With Auto Fill				1	Each	375.00	375.00T
409-5	5 1/2" Turbolizer				9	Each	90.00	810.00T
419-5	5 1/2" Rotating Head Rental				1	Each	200.00	200.00T
325	Standard Cement				100	Sacks	14.50	1,450.00T
330	Swift Multi-Density Standard (MIDCON II)				125	Sacks	18.50	2,312.50T
276	Flocele				50	Lb(s)	2.50	125.00T
283	Salt				500	Lb(s)	0.20	100.00T
284	Calseal				5	Sack(s)	35.00	175.00T
285	CFR-1				50	Lb(s)	4.50	225.00T
581D	Service Charge Cement				225	Sacks	2.00	450.00
583D	Drayage				513	Ton Miles	1.00	513.00
	Subtotal							13,059.50
	Sales Tax Ness County						6.15%	636.92

Thank You For Your Business In 2013!
We Look Forward To Serving You In 2014!

Total

\$13,696.42



Services, Inc.

CHARGE TO: Palomino Petroleum
 ADDRESS
 CITY, STATE, ZIP CODE

TICKET
 N: 25091
 PAGE 1 OF 2

1. Hays, KS WELL/PROJECT NO. #1 LEASE RDH Roadt COUNTY/PARISH Ness STATE Ks CITY DATE 1-27-14 OWNER same

2. Ness City, KS TICKET TYPE SERVICE CONTRACTOR Maverick Drilling RIG NAME NO. SHIPPED VIA CT Location ORDER NO.

3. WELL TYPE oil WELL CATEGORY development JOB PURPOSE logging WELL PERMIT NO. WELL LOCATION

4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575					MILEAGE	4111				6.00	24660.00
578					Pump Charge (Longstring)	1ea		4680		1500.00	1500.00
221					KEL	4gal				25.00	100.00
281					Muddlsh	50gal				1.25	625.00
290					D-Air	2gal				42.00	84.00
403					Baskets	2ea		5 1/2"		300.00	600.00
404					Part Collar	1ea				2900.00	2900.00
406					LD Plug & Baffle	1ea				225.00	225.00
407					Insert Float Shoe w/ F.I.I	1ea				375.00	375.00
409					Turbolizers	9ea				90.00	810.00
419					Rotating Head	1ea				200.00	200.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X Alan Hunkel
 DATE SIGNED 1-27-14 TIME SIGNED 1846 A.M. P.M.

REMIT PAYMENT TO:

SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?

WE UNDERSTOOD AND MET YOUR NEEDS?

OUR SERVICE WAS PERFORMED WITHOUT DELAY?

WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?

ARE YOU SATISFIED WITH OUR SERVICE? YES NO

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL 1 7709.50
 PAGE 2 5350
 Subtotal 13059.50
 Tax 7% 919.17
 TOTAL 13,978.67

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR MAH... APPROVAL MAH...

Thank You



Services, Inc.

PO Box 466
Ness City, KS 67560
Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 25091

CUSTOMER Palomares Petroleum

WELL #1 KDH Knads

DATE 1-27-14 PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	WELL				UNIT PRICE	AMOUNT
		LOC	ACCT	DR			QTY.	U/M	QTY.	U/M		
325		2				Standard Cement	125	skts			14.50	1450.00
330		2				SMD cement	125	skts			18.50	2312.50
276		2				Floccle	50	#	4	1/5T	2.50	125.00
283		2				Salt	500	#	10	1/6	.20	100.00
284		2				Calsoed	5	skts	5	%	35.00	175.00
285		2				CFR.1	50	#	1/2	%	4.50	225.00
581		2				SERVICE CHARGE					2.00	450.00
583		2				MILEAGE CHARGE					1.00	513.00
							TOTAL WEIGHT	2255	ks			
							LOADED MILES	400				
							CUBIC FEET					
							TON MILES	513				

CONTINUATION TOTAL 5350.50

JOB LOG

SWIFT Services, Inc.

DATE 1-27-14 PAGE NO. 1

CUSTOMER Palomina Petroleum WELL NO. #1 LEASE KDH Kandt JOB TYPE Longstring TICKET NO. 25091

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1200							0.1 loc w / FE
								RTD 4680'
								5 1/2" x 14 # x 4680' x 43'
								Turbo 1, 2, 3, 5, 7, 9, 11, 13, 63
								Back 2, 64
								P.C. 64 @ 1987'
	1430							Start FE
	1615							Break Circ
	1730	2.5	7/5					Plug RH & MH 30/20 sks SMD
	1740	5	0			200		Start 500 gal Mudflush
	1722	5	12/0			200		start 20 bbl KCL flush
	1745	5	20/0			200		start 25 sks SMD
	1753	5	41/0			200		start 100 sks EA-2
	1758		24					End Cement
								Wash P&L
								Drop L.D. Plug
	1805	6	0			200		Start Displacement
	1818	5	80			300		Catch Cement
	1825		113			700 1200		Land Plug
								Release Pressure
								Float Held
								Thank you
								Nick, David E. & Jarrod



RECEIVED

JAN 25 2014

INVOICE

PO Box 93999
Southlake, TX 76092

Invoice Number: 140930

Invoice Date: Jan 16, 2014

Page: 1

Voice: (817) 546-7282
Fax: (817) 246-3361

Bill To:
Palomino Petroleum, Inc. 4924 SE 84th St. Newton, KS 67114-8827

Customer ID	Field Ticket #	Payment Terms	
Palo	62652	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-01	Great Bend	Jan 16, 2014	2/15/14

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	KDH-Kandt #1		
150.00	CEMENT MATERIALS	Class A Common	17.90	2,685.00
3.00	CEMENT MATERIALS	Gel	23.40	70.20
423.00	CEMENT MATERIALS	Chloride	0.80	338.40
162.09	CEMENT SERVICE	Cubic Feet Charge	2.48	401.98
259.00	CEMENT SERVICE	Ton Mileage Charge	2.60	673.40
1.00	CEMENT SERVICE	Surface	1,512.25	1,512.25
35.00	CEMENT SERVICE	Pump Truck Mileage	7.70	269.50
35.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	154.00
1.00	CEMENT SUPERVISOR	Joshua Isaac		
1.00	EQUIPMENT OPERATOR	Ben Newell		
1.00	OPERATOR ASSISTANT	Kevin Weighous		

ALL PRICES ARE NET, PAYABLE
30 DAYS FOLLOWING DATE OF
INVOICE. 1 1/2% CHARGED
THEREAFTER. IF ACCOUNT IS
CURRENT, TAKE DISCOUNT OF

\$ 1,220.95

ONLY IF PAID ON OR BEFORE
Feb 10, 2014

Subtotal	6,104.73
Sales Tax	236.66
Total Invoice Amount	6,341.39
Payment/Credit Applied	
TOTAL	6,341.39

ALLIED OIL & GAS SERVICES, LLC 062652

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT: Greenwood

DATE <u>1-16-14</u>	SEC. <u>33</u>	TWP. <u>16</u>	RANGE <u>26</u>	CALLED OUT	ON LOCATION	JOB START <u>5:30 AM</u>	JOB FINISH <u>6 AM</u>
LEASE <u>KH-Kandt</u>	WELL # <u>1</u>	LOCATION <u>1^{1/2} ea - West - 15 - west track</u>			COUNTY <u>1 West</u>	STATE <u>TX</u>	
OLD OR NEW (Circle one) <u>NEW</u>			Batteries - 5 in to				

CONTRACTOR M Quirk 108 OWNER _____

TYPE OF JOB Surfing
HOLE SIZE 17 1/2 T.D. _____
CASING SIZE 8 5/8 DEPTH 241
TUBING SIZE _____ DEPTH _____
DRILL PIPE 4 1/2 DEPTH _____
TOOL _____ DEPTH _____
PRES. MAX _____ MINIMUM _____
MEAS. LINE _____ SHOE JOINT _____
CEMENT LEFT IN CSG. 15 FT
PERFS. _____
DISPLACEMENT 14.39 bbl fresh water

CEMENT AMOUNT ORDERED 150 SKS CLASS A
376 cc 2 1/2 gal

COMMON	<u>150</u>	@	<u>17.90</u>	<u>2685.00</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>23.40</u>	<u>70.20</u>
CHLORIDE	<u>423</u>	@	<u>.80</u>	<u>338.40</u>
ASC		@		

EQUIPMENT
PUMP TRUCK CEMENTER Josh Isaac
3106 HELPER Ben Abner
BULK TRUCK
871-112 DRIVER Kevin Wilcox
BULK TRUCK
_____ DRIVER _____

HANDLING	<u>112.09</u>	@	<u>2.48</u>	<u>401.98</u>
MILEAGE	<u>7.4 X 35</u>	@	<u>2.60</u>	<u>673.40</u>
				TOTAL <u>4168.98</u>

REMARKS:

On location - Rig up - had setting meeting
Run 8 5/8 casing - Back circulation w/ pig root
Pump 5 bbl fresh water grade
mix sks class A 376 cc 2 1/2 gal
Displace 14.39 bbl fresh water
Shut in 6 AM
Cement job complete
Rig down

SERVICE

DEPTH OF JOB	<u>241</u>				
PUMP TRUCK CHARGE				<u>1512.25</u>	
EXTRA FOOTAGE		@			
MILEAGE	<u>35</u>	HVM	@	<u>7.70</u>	<u>269.50</u>
MANIFOLD		@			
	<u>35</u>	LVM	@	<u>4.40</u>	<u>154.00</u>
				TOTAL <u>1935.75</u>	

CHARGE TO: Palomino Petroleum
STREET _____
CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

	@			
	@			
	@			
	@			
	@			
				TOTAL _____

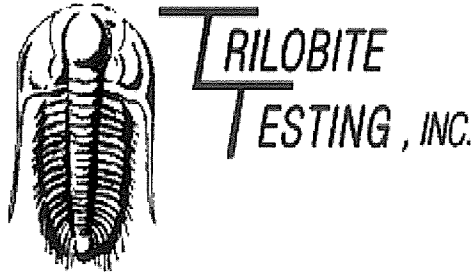
To: Allied Oil & Gas Services, LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME X Jeremy Stucken

SIGNATURE X _____

Thank you!

SALES TAX (If Any) _____
TOTAL CHARGES 6104.73
DISCOUNT -1220.95 IF PAID IN 30 DAYS
\$ 4883.78



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84 th St
Newton KS 67114 + 8827

ATTN: Aaron Young

KDH-Kandt #1

33-16s-26w Ness,KS

Start Date: 2014.01.21 @ 20:48:45

End Date: 2014.01.22 @ 04:48:45

Job Ticket #: 54786 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2014.01.29 @ 14:00:12

Palomino Petroleum

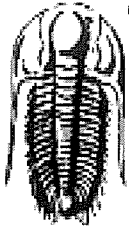
33-16s-26w Ness,KS

KDH-Kandt #1

DST # 1

Toronto-Lansing

2014.01.21



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum
4924 SE 84 th St
New ton KS 67114 + 8827
ATTN: Aaron Young

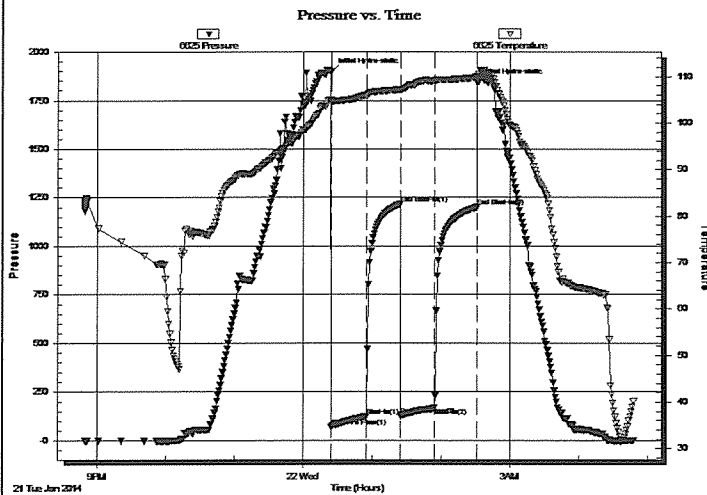
33-16s-26w Ness,KS
KDH-Kandt #1
Job Ticket: 54786 **DST#: 1**
Test Start: 2014.01.21 @ 20:48:45

GENERAL INFORMATION:

Formation: **Toronto-Lansing**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:24:15
Time Test Ended: 04:48:45
Interval: **3896.00 ft (KB) To 4014.00 ft (KB) (TVD)**
Total Depth: 4014.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Initial)
Tester: Jeff Brown
Unit No: 67
Reference Elevations: 2644.00 ft (KB)
2636.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 6625 Outside
Press@RunDepth: 166.79 psig @ 3995.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2014.01.21 End Date: 2014.01.22 Last Calib.: 2014.01.22
Start Time: 20:48:46 End Time: 04:47:45 Time On Btm: 2014.01.22 @ 00:23:45
Time Off Btm: 2014.01.22 @ 02:31:15

TEST COMMENT: IFP=Good blow BOB in 18 min
IS=Dead no blow back
FFP=Good blow BOB in 26-1/2 min
FSI=Dead no blow back



PRESSURE SUMMARY

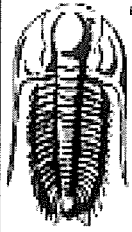
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1896.49	104.90	Initial Hydro-static
1	70.62	104.58	Open To Flow (1)
31	122.65	105.88	Shut-In(1)
60	1216.37	107.19	End Shut-In(1)
61	126.50	107.08	Open To Flow (2)
90	166.79	109.10	Shut-In(2)
127	1201.02	109.84	End Shut-In(2)
128	1841.49	110.14	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
94.00	WM with oil spots 10%W 90%M	1.05
131.00	Mud with oil spots	1.84

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum
4924 SE 84 th St
New ton KS 67114 + 8827
ATTN: Aaron Young

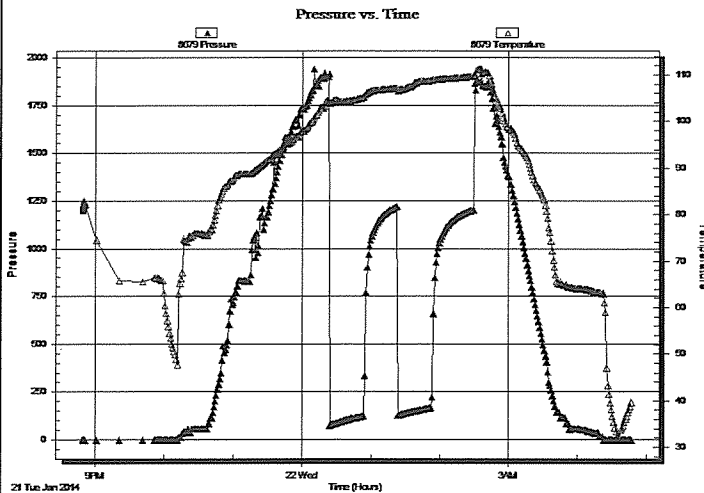
33-16s-26w Ness,KS
KDH-Kandt #1
Job Ticket: 54786 **DST#: 1**
Test Start: 2014.01.21 @ 20:48:45

GENERAL INFORMATION:

Formation: **Toronto-Lansing**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)
Time Tool Opened: 00:24:15 Tester: Jeff Brown
Time Test Ended: 04:48:45 Unit No: 67
Interval: **3896.00 ft (KB) To 4014.00 ft (KB) (TVD)** Reference Elevations: 2644.00 ft (KB)
Total Depth: 4014.00 ft (KB) (TVD) 2636.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 8.00 ft

Serial #: 8679 Inside
Press@RunDepth: psig @ 3995.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2014.01.21 End Date: 2014.01.22 Last Calib.: 2014.01.22
Start Time: 20:48:54 End Time: 04:46:23 Time On Btm:
Time Off Btm:

TEST COMMENT: IFP=Good blow BOB in 18 min
IS=Dead no blow back
FFP=Good blow BOB in 26-1/2 min
FSI=Dead no blow back



PRESSURE SUMMARY

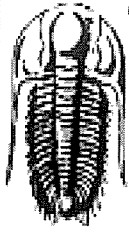
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
94.00	WM w ith oil spots 10%W 90%M	1.05
131.00	Mud w ith oil spots	1.84

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum
4924 SE 84 th St
New ton KS 67114 + 8827
ATTN: Aaron Young

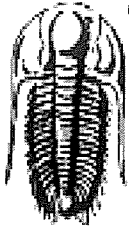
33-16s-26w Ness,KS
KDH-Kandt #1
Job Ticket: 54786 **DST#: 1**
Test Start: 2014.01.21 @ 20:48:45

Tool Information

Drill Pipe:	Length: 3850.00 ft	Diameter: 3.80 inches	Volume: 54.01 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 22000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 54.16 bbl</u>	Tool Chased 7.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 53000.00 lb
Depth to Top Packer:	3896.00 ft			Final 55000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	118.00 ft			
Tool Length:	146.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3869.00	
Shut In Tool	5.00			3874.00	
Hydraulic tool	5.00			3879.00	
Jars	5.00			3884.00	
Safety Joint	3.00			3887.00	
Packer	4.00			3891.00	28.00 Bottom Of Top Packer
Packer	5.00			3896.00	
Stubb	1.00			3897.00	
Perforations	2.00			3899.00	
Change Over Sub	1.00			3900.00	
Drill Pipe	94.00			3994.00	
Change Over Sub	1.00			3995.00	
Recorder	0.00	6625	Outside	3995.00	
Recorder	0.00	8679	Inside	3995.00	
Perforations	15.00			4010.00	
Bullnose	4.00			4014.00	118.00 Bottom Packers & Anchor
Total Tool Length:	146.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum
4924 SE 84 th St
New ton KS 67114 + 8827
ATTN: Aaron Young

33-16s-26w Ness,KS
KDH-Kandt #1
Job Ticket: 54786 **DST#: 1**
Test Start: 2014.01.21 @ 20:48:45

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: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.38 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2400.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
94.00	WM with oil spots 10%W 90%M	1.045
131.00	Mud with oil spots	1.838

Total Length: 225.00 ft Total Volume: 2.883 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

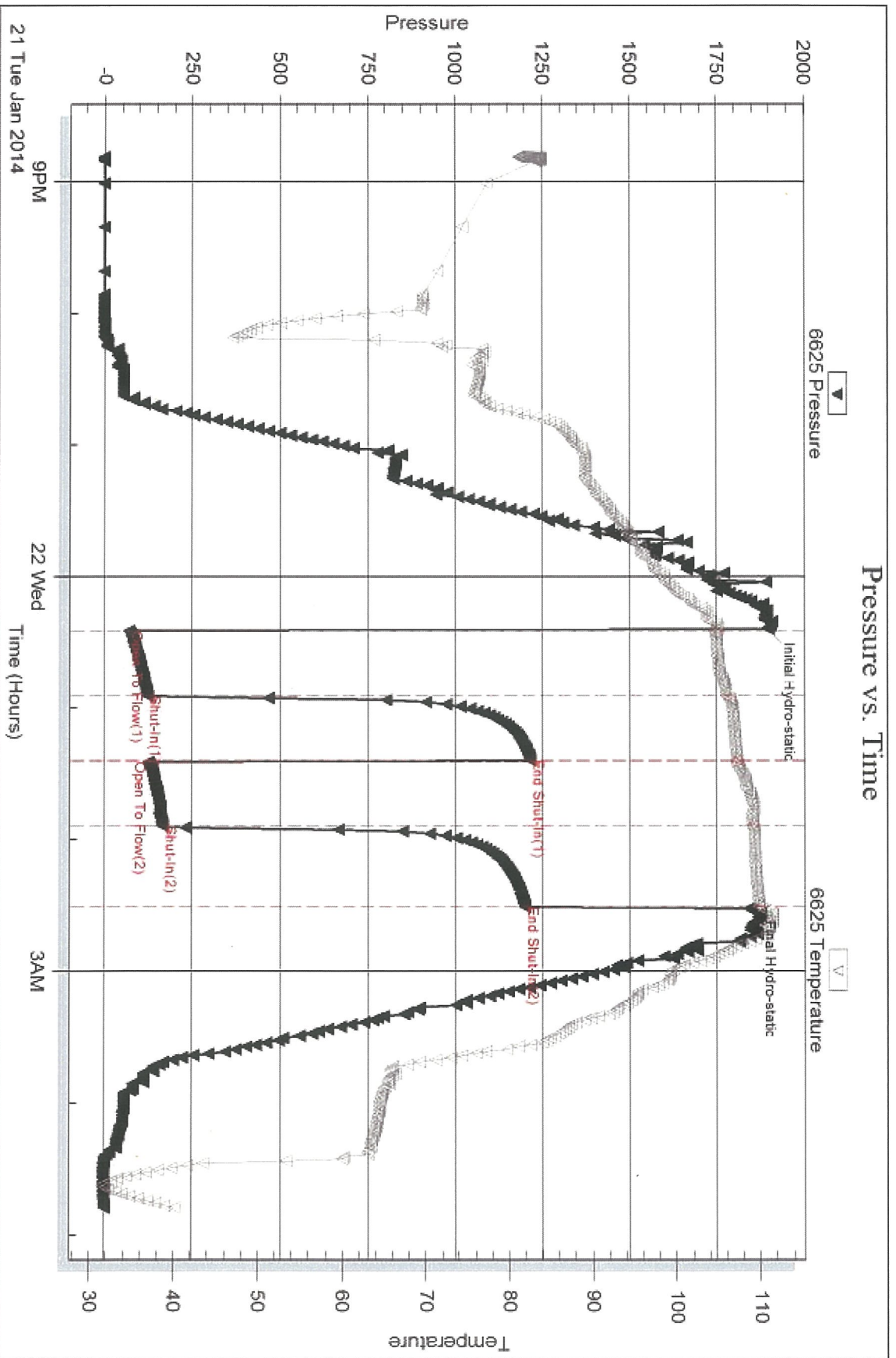
Serial #: 6625

Outside Palominu Petroleum

KDH-Kandt #1

DST Test Number: 1

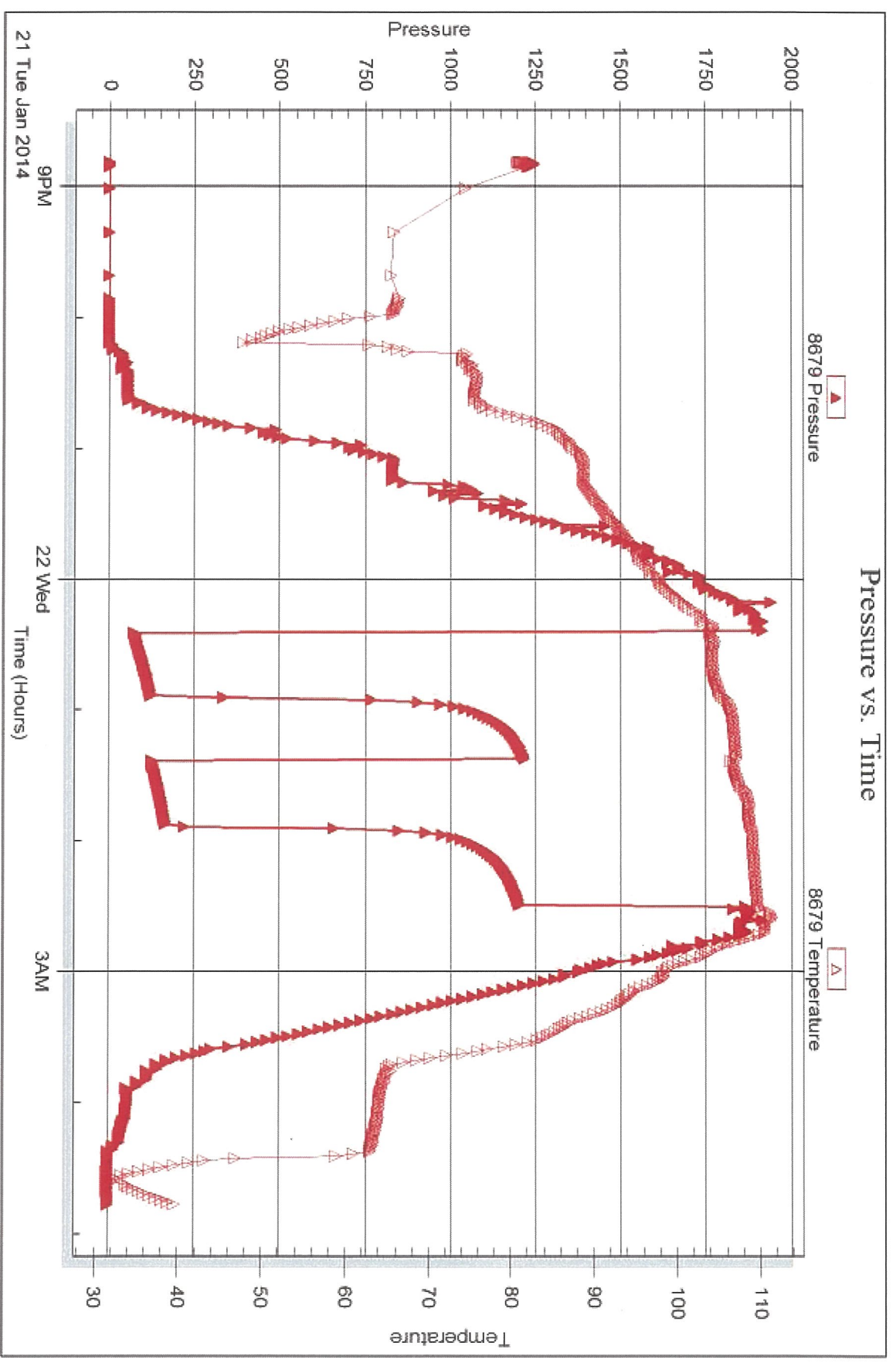
Pressure vs. Time

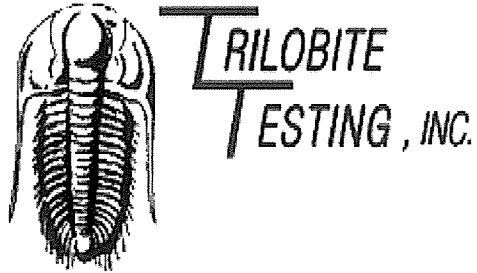


Tribble Testing, Inc

Ref. No: 54786

Printed: 2014.01.29 @ 14:00:14





DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84 th St
Newton KS 67114 + 8827

ATTN: Aaron Young

KDH-Kandt #1

33-16s-26w Ness,KS

Start Date: 2014.01.22 @ 22:04:59

End Date: 2014.01.23 @ 07:48:29

Job Ticket #: 54787 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2014.01.29 @ 13:59:48

Palomino Petroleum

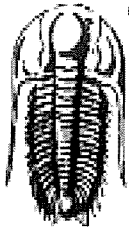
33-16s-26w Ness,KS

KDH-Kandt #1

DST # 2

LKC-H & I

2014.01.22



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum
 4924 SE 84 th St
 Newton KS 67114 + 8827
 ATTN: Aaron Young

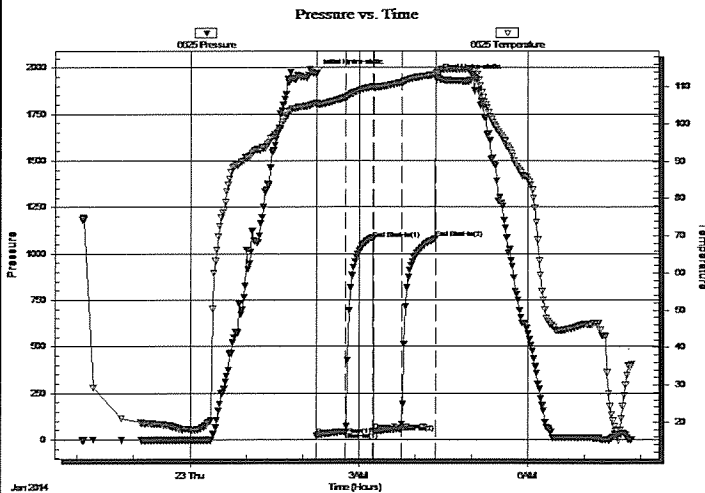
33-16s-26w Ness,KS
KDH-Kandt #1
 Job Ticket: 54787 **DST#: 2**
 Test Start: 2014.01.22 @ 22:04:59

GENERAL INFORMATION:

Formation: **LKC-H & I**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 02:14:59
 Time Test Ended: 07:48:29
 Interval: **4098.00 ft (KB) To 4173.00 ft (KB) (TVD)**
 Total Depth: 4173.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Jeff Brown
 Unit No: 67
 Reference Elevations: 2644.00 ft (KB)
 2636.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 6625 Outside
 Press@RunDepth: 83.41 psig @ 4165.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.01.22 End Date: 2014.01.23 Last Calib.: 2014.01.23
 Start Time: 22:05:00 End Time: 07:50:29 Time On Btm: 2014.01.23 @ 02:14:29
 Time Off Btm: 2014.01.23 @ 04:21:59

TEST COMMENT: IFP=Weak blow built to 1"
 IS=Dead no blow back
 FFP=Dead no blow
 FSI=Dead no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1969.09	105.49	Initial Hydro-static
1	22.35	105.14	Open To Flow (1)
32	43.28	107.06	Shut-In(1)
61	1078.51	109.98	End Shut-In(1)
61	47.00	109.73	Open To Flow (2)
91	83.41	111.11	Shut-In(2)
127	1081.50	113.15	End Shut-In(2)
128	1942.92	113.53	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
76.00	WM 5%W 95%M	0.79

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum
4924 SE 84 th St
Newton KS 67114 + 8827
ATTN: Aaron Young

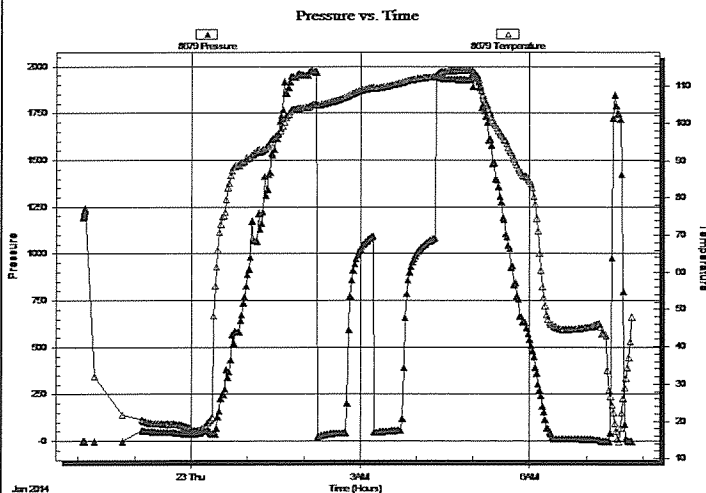
33-16s-26w Ness,KS
KDH-Kandt #1
Job Ticket: 54787 **DST#: 2**
Test Start: 2014.01.22 @ 22:04:59

GENERAL INFORMATION:

Formation: LKC-H & I			
Deviated: No	Whipstock: ft (KB)	Test Type: Conventional Bottom Hole (Reset)	
Time Tool Opened: 02:14:59		Tester: Jeff Brown	
Time Test Ended: 07:48:29		Unit No: 67	
Interval: 4098.00 ft (KB) To 4173.00 ft (KB) (TVD)		Reference Elevations: 2644.00 ft (KB)	
Total Depth: 4173.00 ft (KB) (TVD)		2636.00 ft (CF)	
Hole Diameter: 7.88 inches	Hole Condition: Good	KB to GR/CF: 8.00 ft	

Serial #: 8679	Inside				
Press@RunDepth: psig @	4165.00 ft (KB)	Capacity: 8000.00 psig			
Start Date: 2014.01.22	End Date: 2014.01.23	Last Calib.: 2014.01.23			
Start Time: 22:04:50	End Time: 07:48:49	Time On Btm:			
		Time Off Btm:			

TEST COMMENT: IFP=Weak blow built to 1"
 ISF=Dead no blow back
 FFP=Dead no blow
 FSF=Dead no blow back



PRESSURE SUMMARY

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

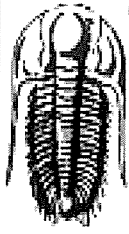
Recovery

Length (ft)	Description	Volume (bbl)
76.00	WM 5%W 95%M	0.79

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum
4924 SE 84 th St
New ton KS 67114 + 8827
ATTN: Aaron Young

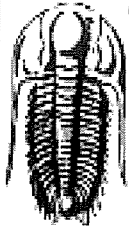
33-16s-26w Ness,KS
KDH-Kandt #1
Job Ticket: 54787 **DST#: 2**
Test Start: 2014.01.22 @ 22:04:59

Tool Information

Drill Pipe:	Length: 4071.00 ft	Diameter: 3.80 inches	Volume: 57.11 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 22000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 76000.00 lb
			<u>Total Volume: 57.26 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 54000.00 lb
Depth to Top Packer:	4098.00 ft			Final 54000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	75.00 ft			
Tool Length:	103.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4071.00	
Shut In Tool	5.00			4076.00	
Hydraulic tool	5.00			4081.00	
Jars	5.00			4086.00	
Safety Joint	3.00			4089.00	
Packer	4.00			4093.00	28.00 Bottom Of Top Packer
Packer	5.00			4098.00	
Stubb	1.00			4099.00	
Perforations	2.00			4101.00	
Change Over Sub	1.00			4102.00	
Drill Pipe	62.00			4164.00	
Change Over Sub	1.00			4165.00	
Recorder	0.00	6625	Outside	4165.00	
Recorder	0.00	8679	Inside	4165.00	
Perforations	4.00			4169.00	
Bullnose	4.00			4173.00	75.00 Bottom Packers & Anchor
Total Tool Length:	103.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum
4924 SE 84 th St
New ton KS 67114 + 8827
ATTN: Aaron Young

33-16s-26w Ness,KS
KDH-Kandt #1
Job Ticket: 54787 **DST#: 2**
Test Start: 2014.01.22 @ 22:04:59

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: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.37 in ³	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
76.00	WM 5%W 95%M	0.793

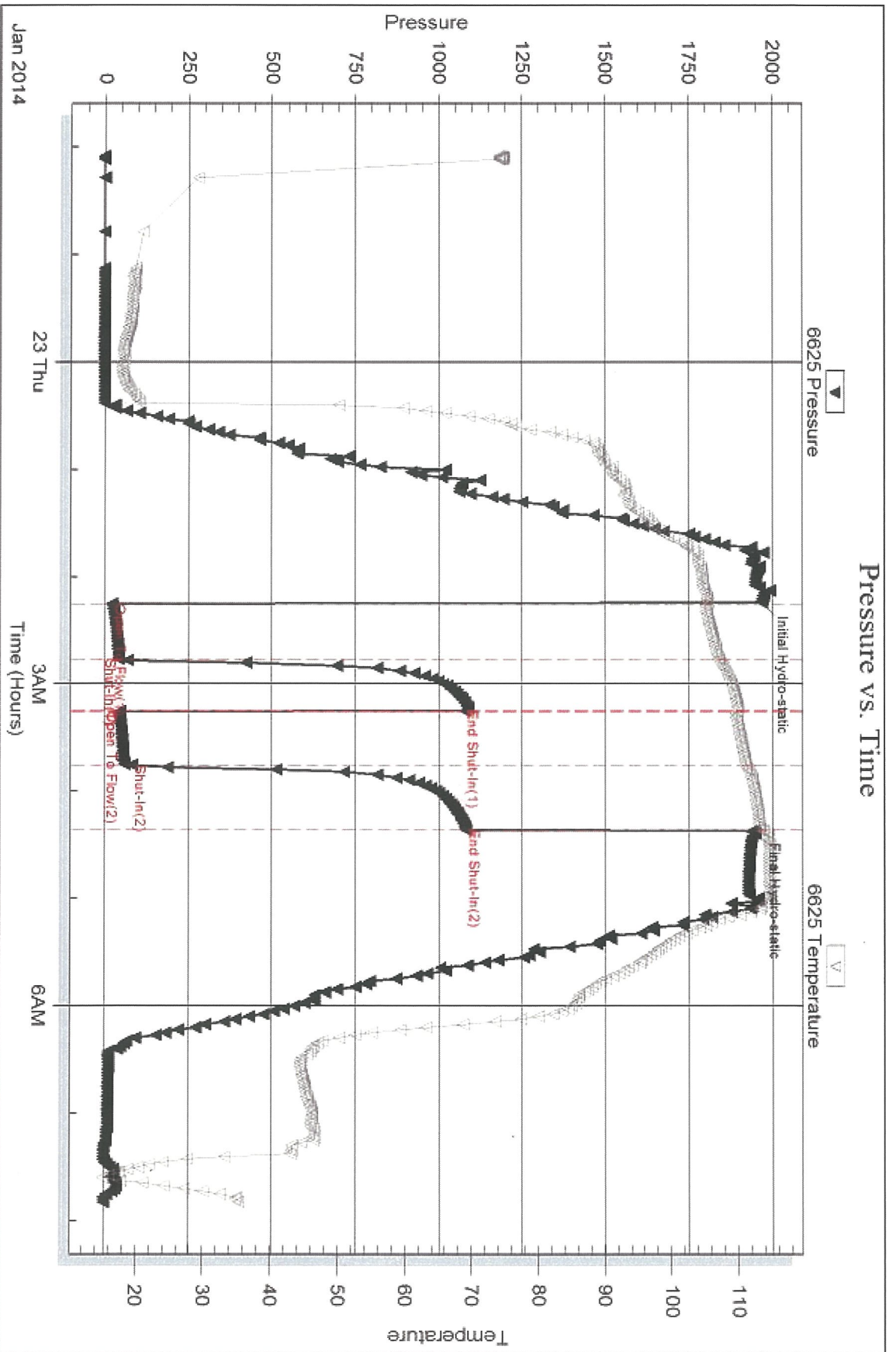
Total Length: 76.00 ft Total Volume: 0.793 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Serial #: 6625

Outside Palominu Petroleum

KDH-Kandt #1

DST Test Number: 2



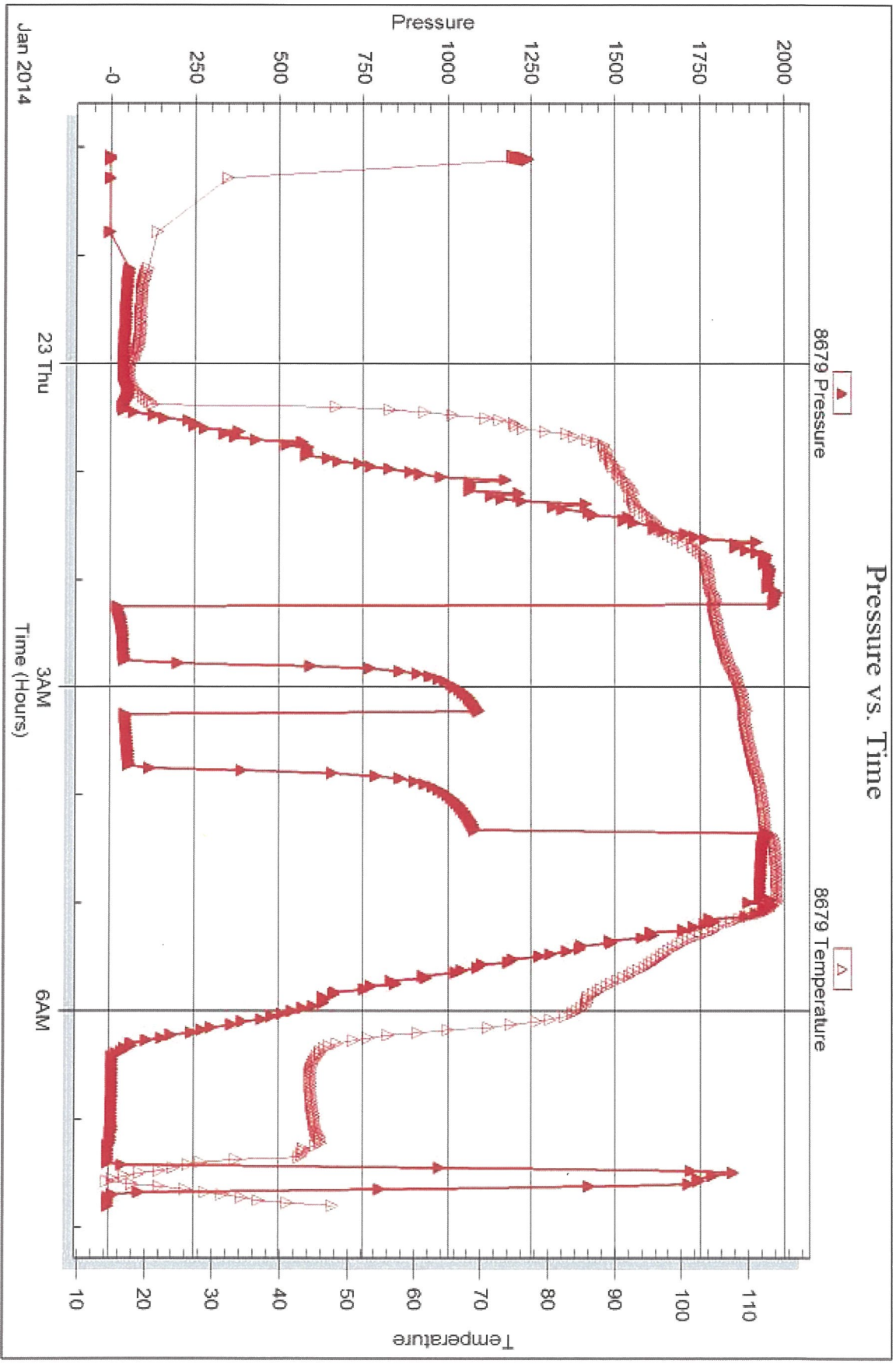
Serial #: 8679

Inside

Palomino Petroleum

KDH-Kandt #1

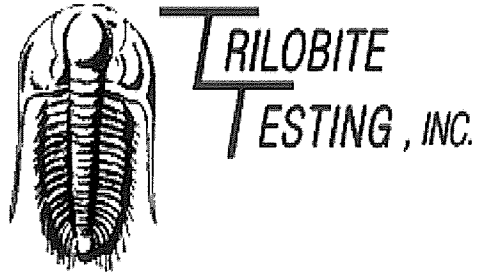
DST Test Number: 2



Tribble Testing, Inc

Ref. No: 54787

Printed: 2014.01.29 @ 13:59:50



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84 th St
Newton KS 67114 + 8827

ATTN: Aaron Young

KDH-Kandt #1

33-16s-26w Ness,KS

Start Date: 2014.01.23 @ 21:20:06

End Date: 2014.01.24 @ 04:48:06

Job Ticket #: 54788 DST #: 3

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

Printed: 2014.01.29 @ 13:59:25

Palomino Petroleum

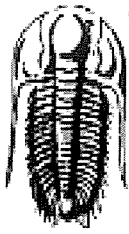
33-16s-26w Ness,KS

KDH-Kandt #1

DST # 3

LKC-L Zone

2014.01.23



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum
 4924 SE 84 th St
 Newton KS 67114 + 8827
 ATTN: Aaron Young

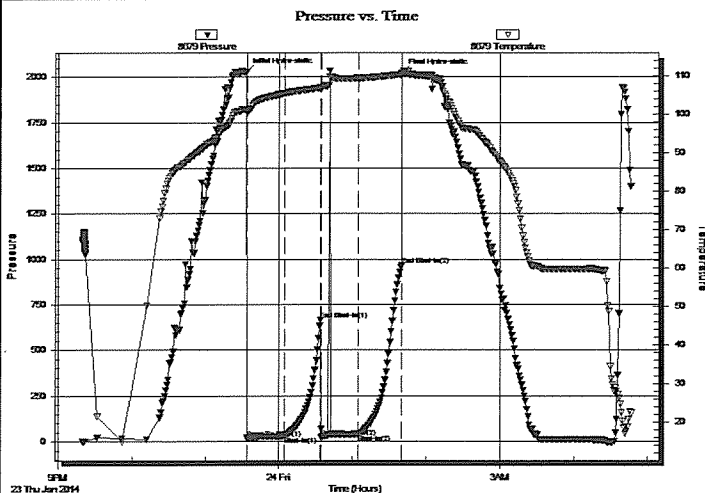
33-16s-26w Ness,KS
KDH-Kandt #1
 Job Ticket: 54788 **DST#: 3**
 Test Start: 2014.01.23 @ 21:20:06

GENERAL INFORMATION:

Formation: **LKC-L Zone**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 23:34:06
 Time Test Ended: 04:48:06
 Interval: **4225.00 ft (KB) To 4255.00 ft (KB) (TVD)**
 Total Depth: 4255.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Jeff Brown
 Unit No: 67
 Reference Elevations: 2644.00 ft (KB)
 2636.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8679 **Inside**
 Press@RunDepth: 40.51 psig @ 4228.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.01.23 End Date: 2014.01.24 Last Calib.: 2014.01.24
 Start Time: 21:20:07 End Time: 04:47:06 Time On Btm: 2014.01.23 @ 23:33:36
 Time Off Btm: 2014.01.24 @ 01:40:36

TEST COMMENT: IFP=Surged then died
 ISI=Dead no blow back
 FFP=Dead- Flushed tool surged then died
 FSI=Dead no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2027.29	101.26	Initial Hydro-static
1	17.69	100.29	Open To Flow (1)
32	29.37	105.46	Shut-In(1)
61	664.14	106.86	End Shut-In(1)
62	23.47	106.80	Open To Flow (2)
92	40.51	109.34	Shut-In(2)
127	964.80	110.35	End Shut-In(2)
127	2020.98	110.66	Final Hydro-static

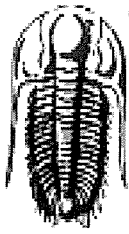
Recovery

Length (ft)	Description	Volume (bbl)
62.00	OCGM 10%G 5%O 85%M	0.60

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum
4924 SE 84 th St
New ton KS 67114 + 8827
ATTN: Aaron Young

33-16s-26w Ness,KS
KDH-Kandt #1
Job Ticket: 54788 **DST#: 3**
Test Start: 2014.01.23 @ 21:20:06

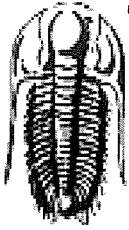
Tool Information

Drill Pipe:	Length: 4197.00 ft	Diameter: 3.80 inches	Volume: 58.87 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 22000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 69000.00 lb
			<u>Total Volume: 59.02 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	4225.00 ft			Final 55000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	58.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4198.00	
Shut In Tool	5.00			4203.00	
Hydraulic tool	5.00			4208.00	
Jars	5.00			4213.00	
Safety Joint	3.00			4216.00	
Packer	4.00			4220.00	28.00 Bottom Of Top Packer
Packer	5.00			4225.00	
Stubb	1.00			4226.00	
Perforations	2.00			4228.00	
Recorder	0.00	6625	Outside	4228.00	
Recorder	0.00	8679	Inside	4228.00	
Perforations	23.00			4251.00	
Bullnose	4.00			4255.00	30.00 Bottom Packers & Anchor

Total Tool Length: 58.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum
4924 SE 84 th St
New ton KS 67114 + 8827
ATTN: Aaron Young

33-16s-26w Ness,KS
KDH-Kandt #1
Job Ticket: 54788 **DST#: 3**
Test Start: 2014.01.23 @ 21:20:06

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: 39.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.38 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2700.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	OCGM 10%G 5%O 85%M	0.596

Total Length: 62.00 ft Total Volume: 0.596 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Serial #: 8679

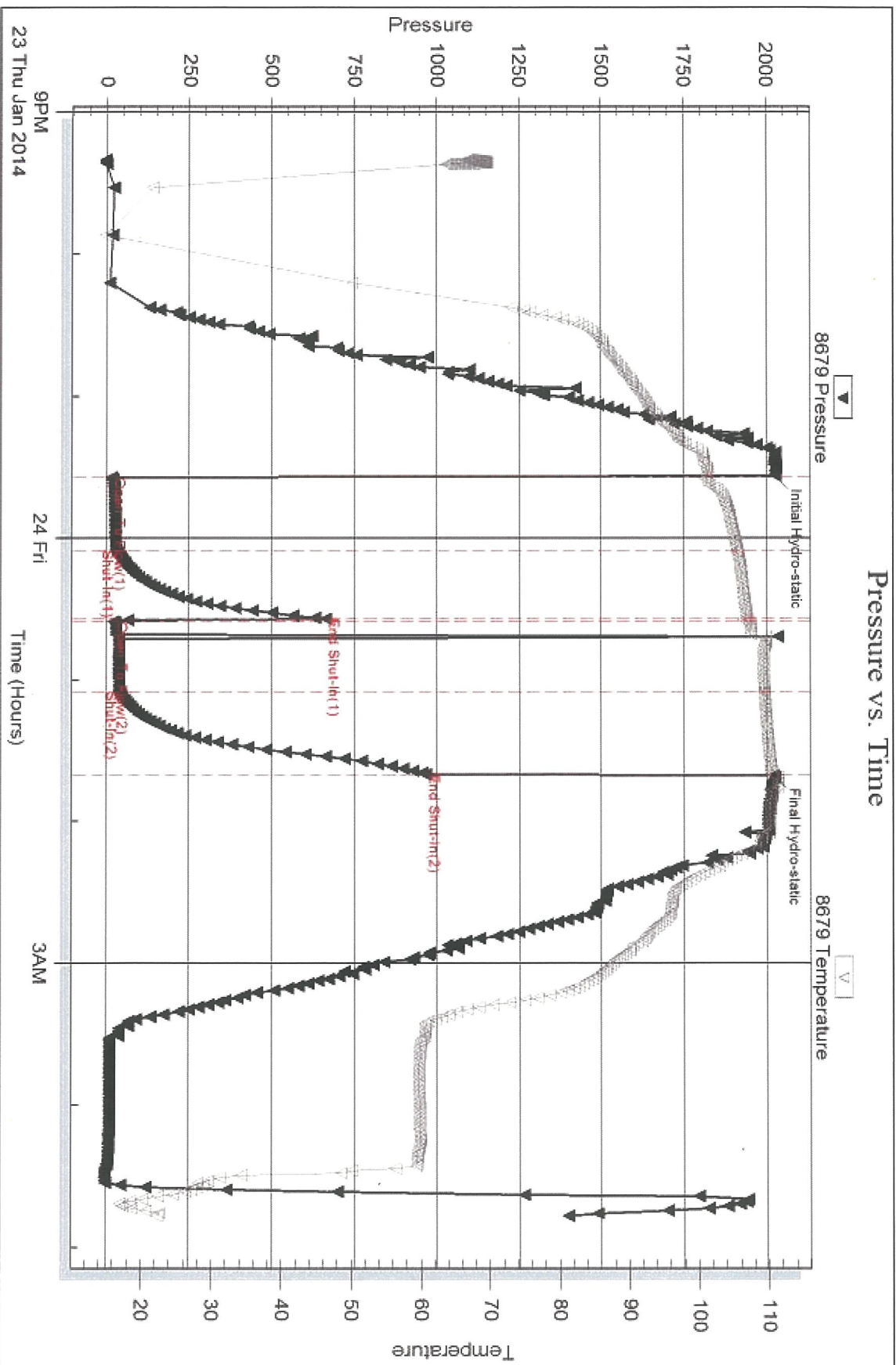
Inside

Palomino Petroleum

KDH-Kand #1

DST Test Number: 3

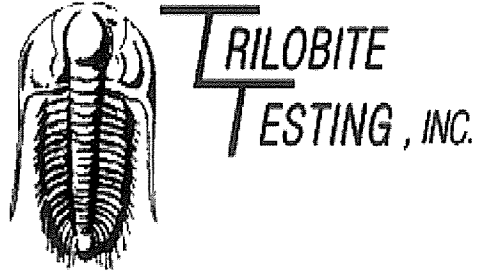
Pressure vs. Time



Triobite Testing, Inc

Ref. No: 54788

Printed: 2014.01.29 @ 13:59:27



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84 th St
Newton KS 67114 + 8827

ATTN: Aaron Young

KDH-Kandt #1

33-16s-26w Ness,KS

Start Date: 2014.01.24 @ 22:27:04

End Date: 2014.01.25 @ 05:30:34

Job Ticket #: 54789 DST #: 4

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

Printed: 2014.01.29 @ 13:58:05

Palomino Petroleum

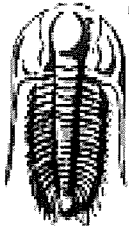
33-16s-26w Ness,KS

KDH-Kandt #1

DST # 4

Marmaton

2014.01.24



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum
4924 SE 84 th St
New ton KS 67114 + 8827
ATTN: Aaron Young

33-16s-26w Ness,KS
KDH-Kandt #1
Job Ticket: 54789 **DST#: 4**
Test Start: 2014.01.24 @ 22:27:04

GENERAL INFORMATION:

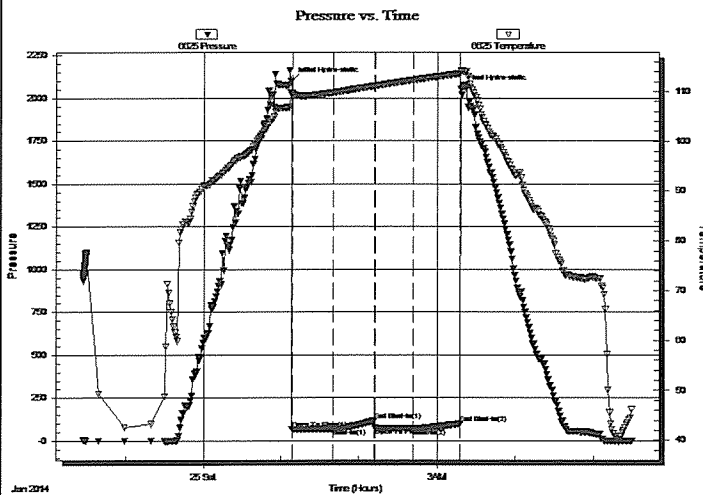
Formation: **Marmaton**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 01:08:34
Time Test Ended: 05:30:34
Interval: **4251.00 ft (KB) To 4383.00 ft (KB) (TVD)**
Total Depth: 4383.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Reset)
Tester: Jeff Brown
Unit No: 67
Reference Elevations: 2644.00 ft (KB)
2636.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 6625

Outside

Press@RunDepth: 71.49 psig @ 4350.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2014.01.24 End Date: 2014.01.25 Last Calib.: 2014.01.25
Start Time: 22:27:05 End Time: 05:29:34 Time On Btm: 2014.01.25 @ 01:08:04
Time Off Btm: 2014.01.25 @ 03:18:04

TEST COMMENT: IFP=Weak blow built to 1"
IS=Dead no blow back
FFP=Weak surface blow died out in 3 min
FSI=Dead no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2099.26	109.69	Initial Hydro-static
1	66.26	109.49	Open To Flow (1)
32	70.04	109.78	Shut-In(1)
64	118.24	111.12	End Shut-In(1)
64	76.32	111.12	Open To Flow (2)
93	71.49	112.31	Shut-In(2)
130	100.02	113.64	End Shut-In(2)
130	2057.13	114.17	Final Hydro-static

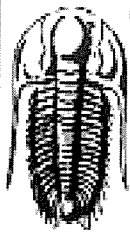
Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud with oil spots	0.05

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum
4924 SE 84 th St
New ton KS 67114 + 8827

ATTN: Aaron Young

33-16s-26w Ness,KS

KDH-Kandt #1
Job Ticket: 54789 **DST#: 4**
Test Start: 2014.01.24 @ 22:27:04

GENERAL INFORMATION:

Formation: **Marmaton**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 01:08:34
Time Test Ended: 05:30:34

Interval: **4251.00 ft (KB) To 4383.00 ft (KB) (TVD)**
Total Depth: 4383.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole (Reset)
Tester: Jeff Brown
Unit No: 67

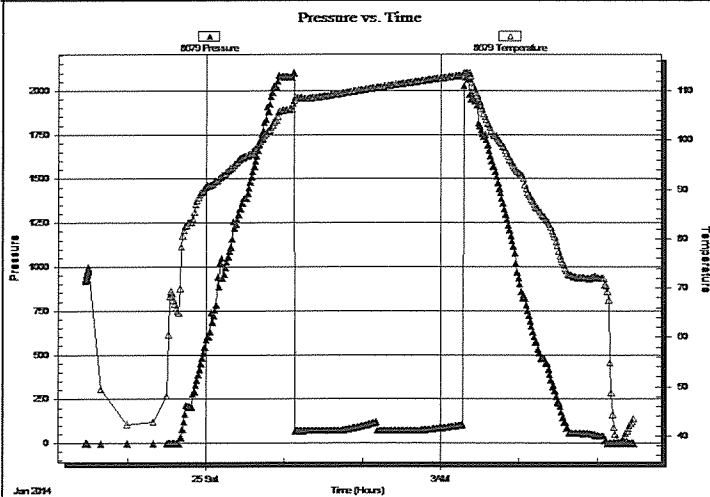
Reference Elevations: 2644.00 ft (KB)
2636.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8679

Inside

Press@RunDepth: psig @ 4350.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2014.01.24 End Date: 2014.01.25 Last Calib.: 2014.01.25
Start Time: 22:27:13 End Time: 05:28:12 Time On Btm:
Time Off Btm:

TEST COMMENT: IFP=Weak blow built to 1":
IS=Dead no blow back
FFP=Weak surface blow died out in 3 min
FSI=Dead no blow back



PRESSURE SUMMARY

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

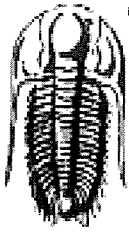
Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud w ith oil spots	0.05

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum
4924 SE 84 th St
New ton KS 67114 + 8827
ATTN: Aaron Young

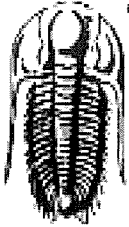
33-16s-26w Ness,KS
KDH-Kandt #1
Job Ticket: 54789 **DST#: 4**
Test Start: 2014.01.24 @ 22:27:04

Tool Information

Drill Pipe:	Length: 4225.00 ft	Diameter: 3.80 inches	Volume: 59.27 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 22000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 59.42 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	4251.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	132.00 ft			
Tool Length:	160.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4224.00	
Shut In Tool	5.00			4229.00	
Hydraulic tool	5.00			4234.00	
Jars	5.00			4239.00	
Safety Joint	3.00			4242.00	
Packer	4.00			4246.00	28.00 Bottom Of Top Packer
Packer	5.00			4251.00	
Stubb	1.00			4252.00	
Perforations	2.00			4254.00	
Change Over Sub	1.00			4255.00	
Drill Pipe	94.00			4349.00	
Change Over Sub	1.00			4350.00	
Recorder	0.00	6625	Outside	4350.00	
Recorder	0.00	8679	Inside	4350.00	
Perforations	29.00			4379.00	
Bullnose	4.00			4383.00	132.00 Bottom Packers & Anchor
Total Tool Length:	160.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum
4924 SE 84 th St
New ton KS 67114 + 8827
ATTN: Aaron Young

33-16s-26w Ness,KS
KDH-Kandt #1
Job Ticket: 54789 **DST#: 4**
Test Start: 2014.01.24 @ 22:27:04

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length:	Water Salinity:	ppm
Viscosity: 48.00 sec/qt			
Water Loss: 6.38 in ³	Cushion Volume:		
Resistivity: ohm.m			
Salinity: 4200.00 ppm	Gas Cushion Type:		
Filter Cake: inches	Gas Cushion Pressure:		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Mud with oil spots	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

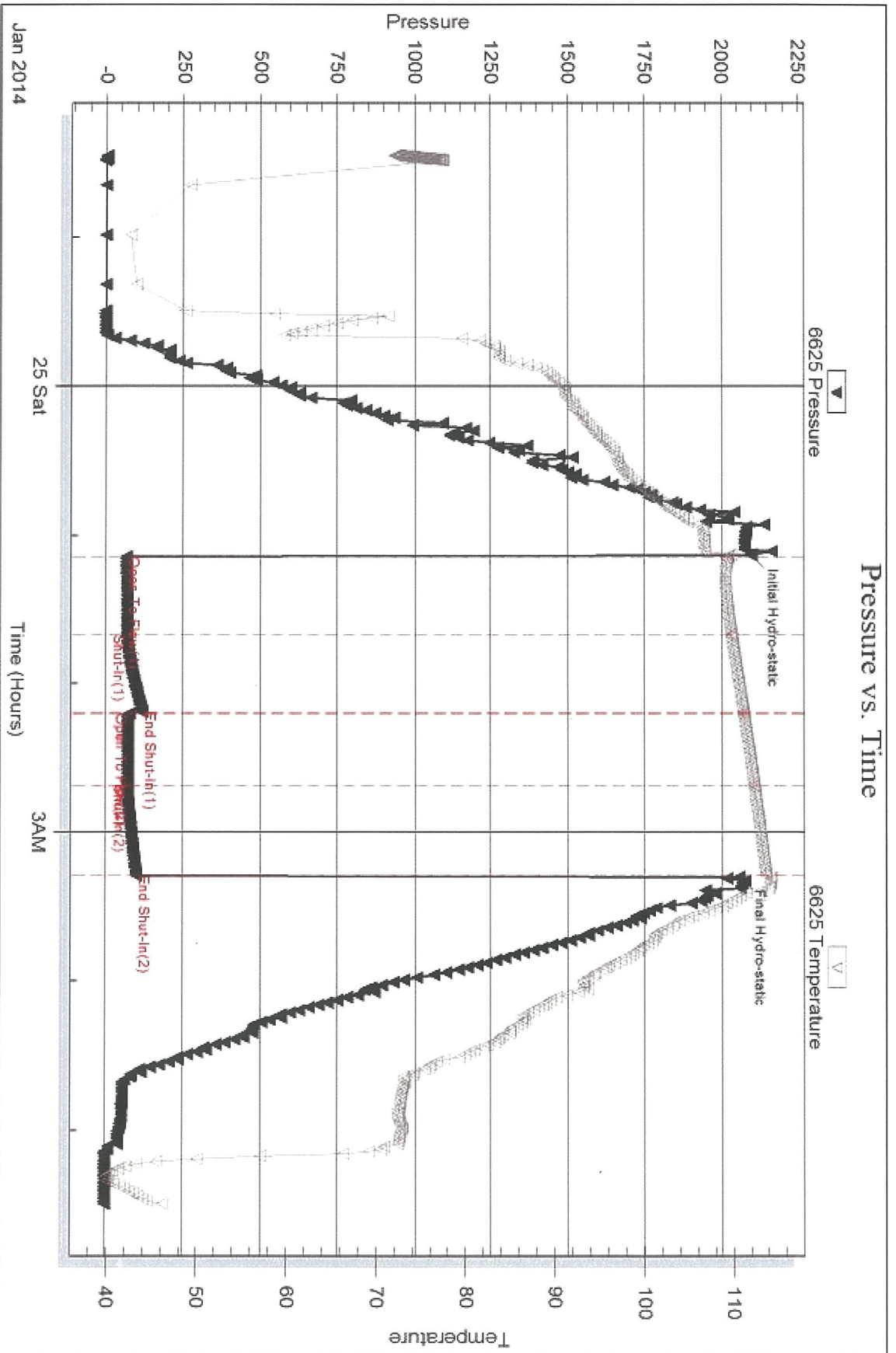
Serial #: 6625

Outside Palomino Petroleum

KDH-Kardt #1

DST Test Number: 4

Pressure vs. Time



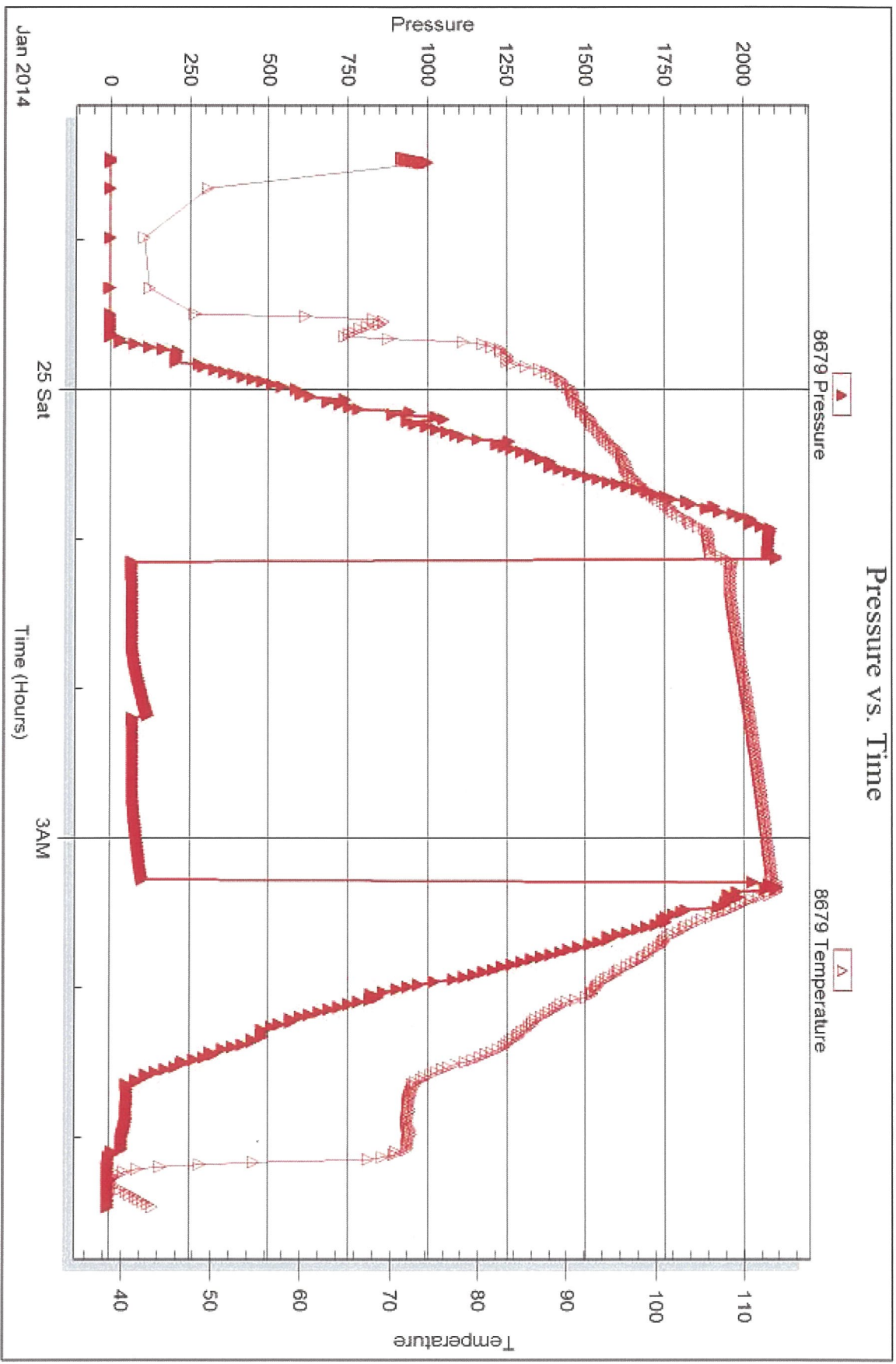
Serial #: 8679

Inside

Palomino Petroleum

KDH-Kandi #1

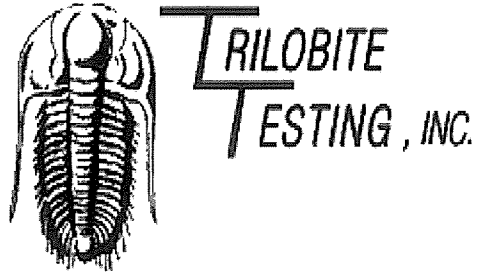
DST Test Number: 4



Tribble Testing, Inc

Ref. No: 54789

Printed: 2014.01.29 @ 13:58:08



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84 th St
Newton KS 67114 + 8827

ATTN: Aaron Young

KDH-Kandt #1

33-16s-26w Ness,KS

Start Date: 2014.01.26 @ 05:16:41

End Date: 2014.01.26 @ 14:22:41

Job Ticket #: 54790 DST #: 5

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

Printed: 2014.01.29 @ 13:57:12

Palomino Petroleum

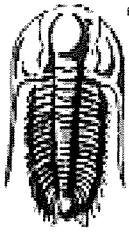
33-16s-26w Ness,KS

KDH-Kandt #1

DST # 5

Mississippi

2014.01.26



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Palomino Petroleum
 4924 SE 84 th St
 Newton KS 67114 + 8827
 ATTN: Aaron Young

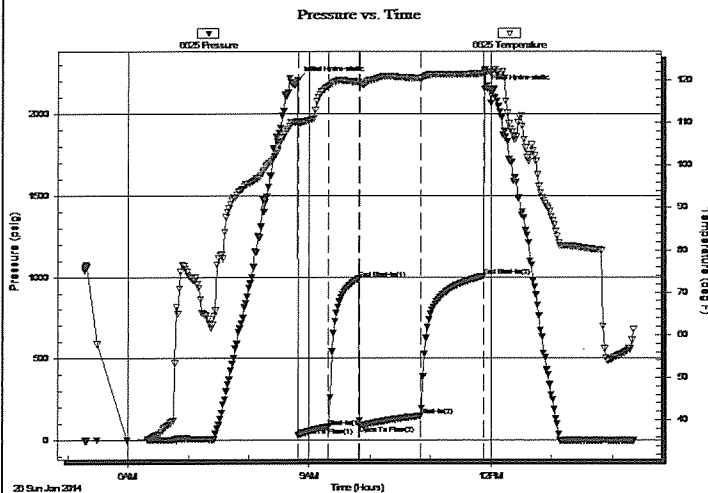
33-16s-26w Ness,KS
KDH-Kandt #1
 Job Ticket: 54790 **DST#: 5**
 Test Start: 2014.01.26 @ 05:16:41

GENERAL INFORMATION:

Formation: **Mississippion**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 08:48:41
 Time Test Ended: 14:22:41
 Interval: **4472.00 ft (KB) To 4578.00 ft (KB) (TVD)**
 Total Depth: 4578.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Jeff Brown
 Unit No: 67
 Reference Elevations: 2644.00 ft (KB)
 2636.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 6625 Outside
 Press@RunDepth: 148.69 psig @ 4569.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.01.26 End Date: 2014.01.26 Last Calib.: 2014.01.26
 Start Time: 05:16:42 End Time: 14:21:41 Time On Btm: 2014.01.26 @ 08:48:11
 Time Off Btm: 2014.01.26 @ 11:53:11

TEST COMMENT: IFP=Fair blow built to 4"
 IS=Weak surface blow back
 FFP=Fair blow built to 4"
 FS=Weak surface blow back built to 1/4"



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2207.03	110.10	Initial Hydro-static
1	26.81	109.75	Open To Flow (1)
31	80.41	118.49	Shut-In(1)
61	988.57	119.46	End Shut-In(1)
62	86.56	119.04	Open To Flow (2)
122	148.69	120.45	Shut-In(2)
184	1004.44	121.52	End Shut-In(2)
185	2156.11	122.01	Final Hydro-static

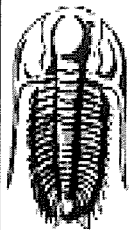
Recovery

Length (ft)	Description	Volume (bbl)
312.00	HOCGM 35%G 30%M 35%O	4.10
2.00	MCO 50%M 50%O	0.03
0.00	217-GIP	0.00

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum
 4924 SE 84 th St
 Newton KS 67114 + 8827
 ATTN: Aaron Young

33-16s-26w Ness,KS
KDH-Kandt #1
 Job Ticket: 54790 **DST#: 5**
 Test Start: 2014.01.26 @ 05:16:41

GENERAL INFORMATION:

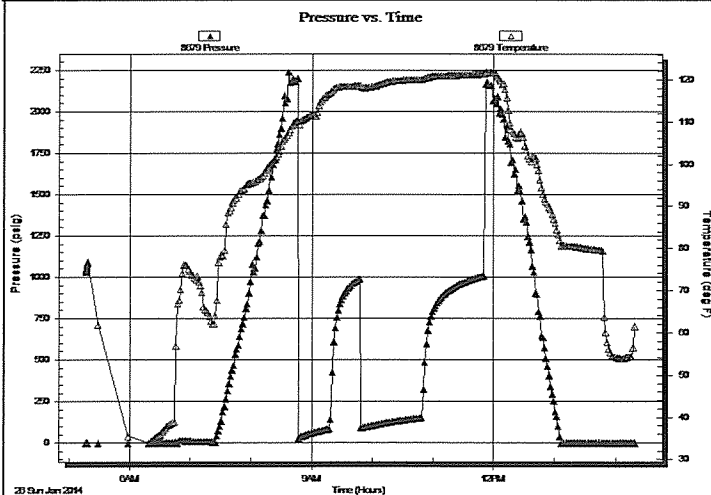
Formation: **Mississippion**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 08:48:41
 Time Test Ended: 14:22:41
 Interval: **4472.00 ft (KB) To 4578.00 ft (KB) (TVD)**
 Total Depth: 4578.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Jeff Brown
 Unit No: 67
 Reference Elevations: 2644.00 ft (KB)
 2636.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8679

Inside

Press@RunDepth: psig @ 4569.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.01.26 End Date: 2014.01.26 Last Calib.: 2014.01.26
 Start Time: 05:16:15 End Time: 14:19:14 Time On Btm:
 Time Off Btm:

TEST COMMENT: IFP=Fair blow built to 4"
 IS=Weak surface blow back
 FFP=Fair blow built to 4"
 FSI=Weak surface blow back built to 1/4"



PRESSURE SUMMARY

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

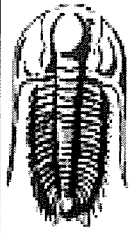
Recovery

Length (ft)	Description	Volume (bbl)
312.00	HOCGM 35%G 30%M 35%O	4.10
2.00	MCO 50%M 50%O	0.03
0.00	217-GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum
4924 SE 84 th St
New ton KS 67114 + 8827

ATTN: Aaron Young

33-16s-26w Ness,KS
KDH-Kandt #1
Job Ticket: 54790 **DST#: 5**
Test Start: 2014.01.26 @ 05:16:41

Tool Information

Drill Pipe:	Length: 4444.00 ft	Diameter: 3.80 inches	Volume: 62.34 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 22000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 68000.00 lb
			Total Volume: 62.49 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 59000.00 lb
Depth to Top Packer:	4472.00 ft			Final 61000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	106.00 ft			
Tool Length:	134.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4445.00	
Shut In Tool	5.00			4450.00	
Hydraulic tool	5.00			4455.00	
Jars	5.00			4460.00	
Safety Joint	3.00			4463.00	
Packer	4.00			4467.00	28.00 Bottom Of Top Packer
Packer	5.00			4472.00	
Stubb	1.00			4473.00	
Perforations	3.00			4476.00	
Change Over Sub	1.00			4477.00	
Drill Pipe	91.00			4568.00	
Change Over Sub	1.00			4569.00	
Recorder	0.00	6625	Outside	4569.00	
Recorder	0.00	8679	Inside	4569.00	
Perforations	5.00			4574.00	
Bullnose	4.00			4578.00	106.00 Bottom Packers & Anchor
Total Tool Length:	134.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum
4924 SE 84 th St
New ton KS 67114 + 8827
ATTN: Aaron Young

33-16s-26w Ness,KS
KDH-Kandt #1
Job Ticket: 54790 **DST#: 5**
Test Start: 2014.01.26 @ 05:16:41

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: 51.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.39 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4400.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
312.00	HOCGM 35%G 30%M 35%O	4.103
2.00	MCO 50%M 50%O	0.028
0.00	217-GP	0.000

Total Length: 314.00 ft Total Volume: 4.131 bbl

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

Laboratory Name: Laboratory Location:

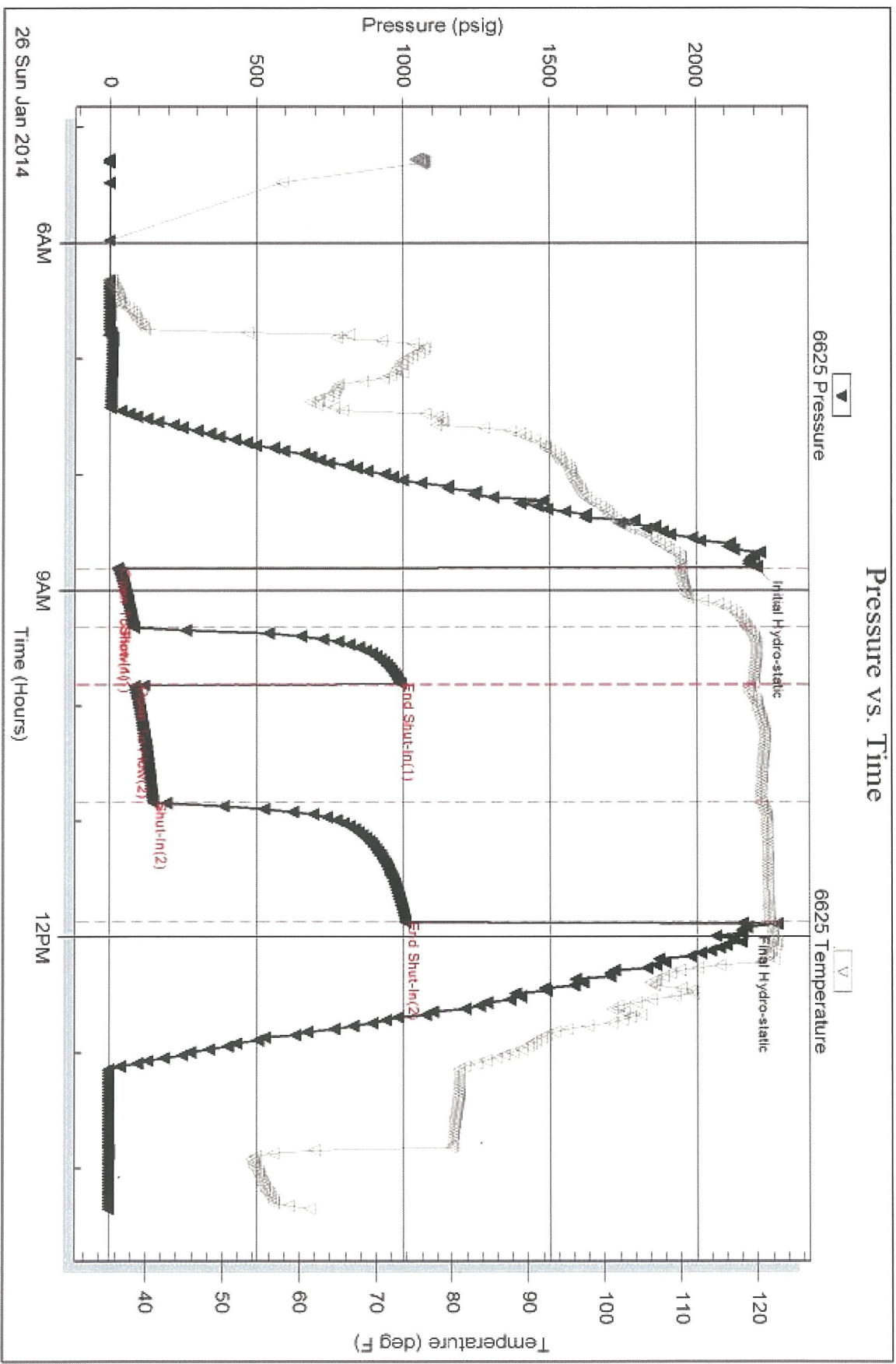
Recovery Comments:

Serial #: 6625

Outside Palomino Petroleum

KDH-Kandt #1

DST Test Number: 5



Triobite Testing, Inc

Ref. No: 54790

Printed: 2014.01.29 @ 13:57:14

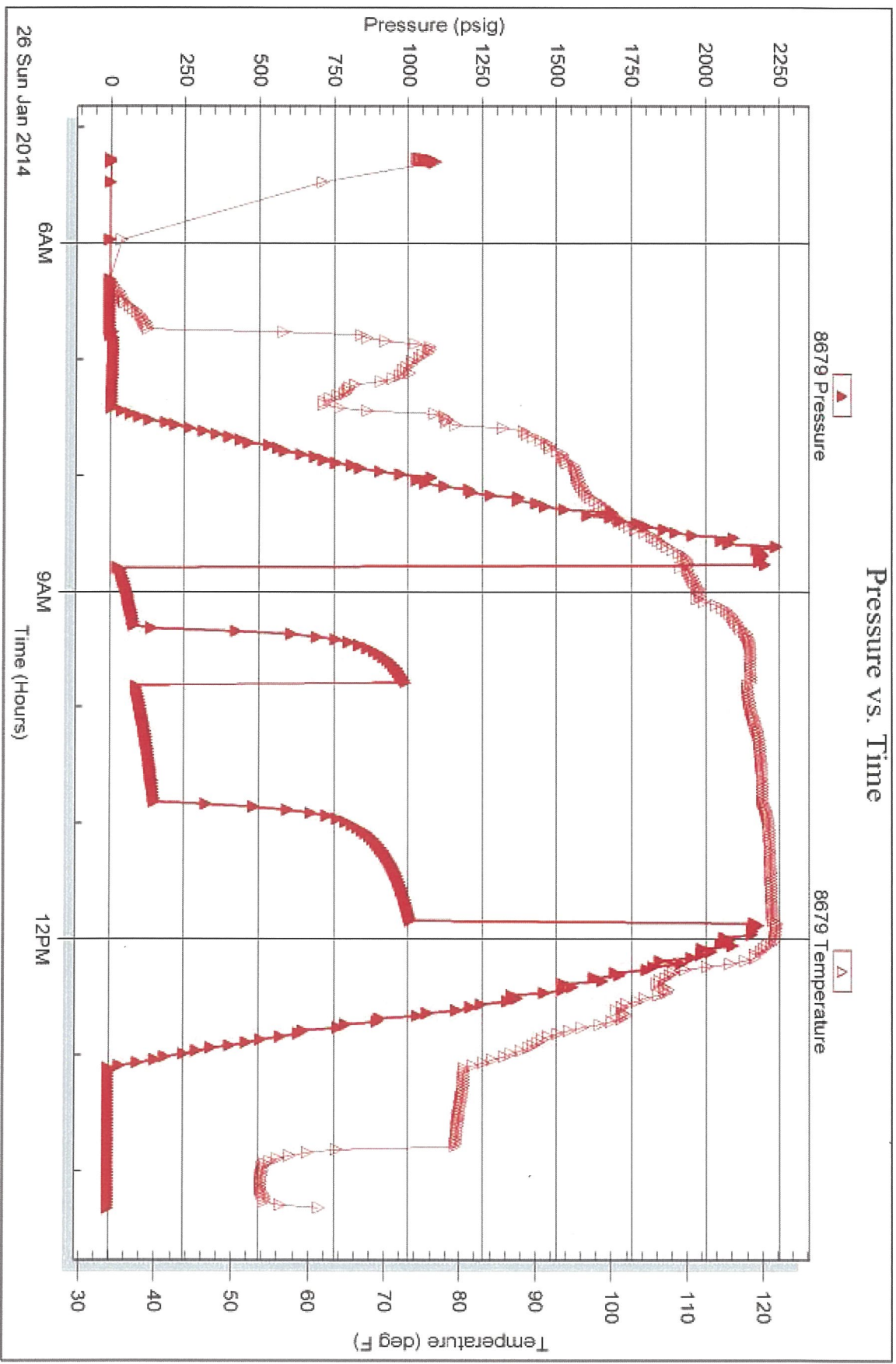
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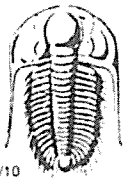
Inside

Palomino Petroleum

KOH-Kandt #1

DST Test Number: 5





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 54786

Well Name & No. KDH-Kandt #1 Test No. 1 Date 1-21-14
 Company Palomino Petroleum Elevation 2644 KB 2636 GL
 Address 4924 SE 84TH ST NEWTON KS 67114 + 8827
 Co. Rep / Geo. Aaron Young Rig Maverick #408
 Location: Sec. 33 Twp. 16S Rge. 26W Co. Ness State KS

Interval Tested 3896-4014 Zone Tested Toloto / Lansing
 Anchor Length 118 Drill Pipe Run 3850 Mud Wt. 9.0
 Top Packer Depth 3891 Drill Collars Run 30 Vis 50
 Bottom Packer Depth 3896 Wt. Pipe Run 0 WL 4.4
 Total Depth 4014 Chlorides 2400 ppm System LCM 2

Blow Description FF-Good Blow Bob IN 18 min
IS-Dead NO Blow Back
FF-Good Blow Bob IN 26 1/2 min
IS-Dead NO Blow Back

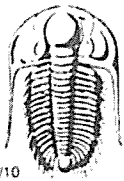
Rec	Feet of	%gas	%oil	%water	%mud
<u>94</u>	<u>WM with oil spots</u>		<u>10</u>	<u>90</u>	
<u>131</u>	<u>Mud with oil spots</u>		<u>100</u>		

Rec Total 225 BHT 110 Gravity API RW .36 @ 51.2 F Chlorides 26,500 ppm
 (A) Initial Hydrostatic 1896 Test 1250 T-On Location 20:10
 (B) First Initial Flow 71 Jars 250 T-Started 20:48
 (C) First Final Flow 123 Safety Joint 75 T-Open 00:24
 (D) Initial Shut-In 1216 Circ Sub T-Pulled 2:24
 (E) Second Initial Flow 127 Hourly Standby T-Out 4:48
 (F) Second Final Flow 167 Mileage 170 RT 102rt 158.10 Comments _____
 (G) Final Shut-In 1201 Sampler _____
 (H) Final Hydrostatic 1841 Straddle _____
 Ruined Shale Packer _____

Initial Open 30 Shale Packer 250 Ruined Packer _____
 Initial Shut-In 30 Extra Packer _____ Extra Copies _____
 Final Flow 30 Extra Recorder _____ Sub Total 0
 Final Shut-In 30 Day Standby _____ Total 1983.10
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1983.10

Approved By _____ Our Representative Jeff Brown

Triobite 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. 54787

Well Name & No. KDH-Kandt #1 Test No. 2 Date 1-22-14
 Company Palomino Petroleum Elevation 2644 KB 2636 GL
 Address 4924 SE 84th ST NEWTON KS 67114 + 8827
 Co. Rep / Geo. Aaron Young Rig Maverick 108
 Location: Sec. 33 Twp. 14S Rge. 26W Co. NeSS State Ks

Interval Tested 4098 - 4173 Zone Tested LKC - H+I
 Anchor Length 75 Drill Pipe Run 4071 Mud Wt. 9.1
 Top Packer Depth 4093 Drill Collars Run 30 Vis 50
 Bottom Packer Depth 4098 Wt. Pipe Run 0 WL 4.4
 Total Depth 4173 Chlorides 3000 ppm System LCM 2

Blow Description FP-Weak Blow Built TO 1 IN
EST-Dead NO Blow Back
FP-Dead NO Blow
EST-Dead NO Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>76</u>	<u>17m</u>			<u>5</u>	<u>95</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

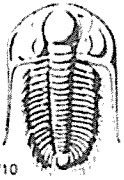
Rec Total 76 BHT 113 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1969 Test 1250 T-On Location 21:58
 (B) First Initial Flow 22 Jars 250 T-Started 22:04
 (C) First Final Flow 43 Safety Joint 75 T-Open 2:12
 (D) Initial Shut-In 1079 Circ Sub T-Pulled 4:12
 (E) Second Initial Flow 47 Hourly Standby T-Out 7:48
 (F) Second Final Flow 83 Mileage 158.10 Comments _____
 (G) Final Shut-In 1082 Sampler _____
 (H) Final Hydrostatic 1943 Straddle _____

Initial Open 30 Shale Packer 250 Ruined Shale Packer _____
 Initial Shut-In 30 Extra Packer _____ Ruined Packer _____
 Final Flow 30 Extra Recorder _____ Sub Total 0
 Final Shut-In 30 Day Standby _____ Total 1983.10
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1983.10

Approved By _____ Our Representative Jeff Brown

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 54788

Well Name & No. KDH-Kandt #1 Test No. 3 Date 1-23-14
 Company Palomino Petroleum Elevation 2644 KB 2636 GL
 Address 4924 SE 84 TH ST NEWTON KS 67114 + 8827
 Co. Rep / Geo. Aaron Young Rig Maverick #108
 Location: Sec. 33 Twp. 10s Rge. 26W Co. Ness State KS

Interval Tested 4225-4255 Zone Tested LKC - L zone
 Anchor Length 30 Drill Pipe Run 4197 Mud Wt. 9.0
 Top Packer Depth 4220 Drill Collars Run 30 Vis 39
 Bottom Packer Depth 4225 Wt. Pipe Run 0 WL 7.2
 Total Depth 4255 Chlorides 2700 ppm System LCM 1

Blow Description FF-Surged Then Died
1st-Dead No Blow Back
FF-Dead - Flushed Tool-Surged Then Died
1st-Dead No Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>602</u>	<u>OCGM</u>	<u>10</u>	<u>5</u>	<u>85</u>	<u></u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 602 BHT 110 Gravity _____ API RW _____ @ _____ ° F Chlorides _____ ppm

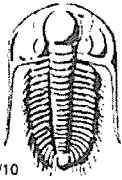
(A) Initial Hydrostatic <u>2027</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>21:11</u>
(B) First Initial Flow <u>18</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>21:20</u>
(C) First Final Flow <u>29</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>23:35</u>
(D) Initial Shut-In <u>664</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>1:35</u>
(E) Second Initial Flow <u>23</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>4:48</u>
(F) Second Final Flow <u>41</u>	<input checked="" type="checkbox"/> Mileage <u>158.10</u>	Comments _____
(G) Final Shut-In <u>965</u>	<input type="checkbox"/> Sampler _____	<input type="checkbox"/> Ruined Shale Packer _____
(H) Final Hydrostatic <u>2021</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Packer _____

Initial Open 30
 Initial Shut-In 30
 Final Flow 30
 Final Shut-In 30

Sub Total 1983.10

Approved By _____ Our Representative Jeff Brown

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 54789

Well Name & No. KDH-Kandt #1 Test No. 4 Date 1-24-14
 Company Palomino Petroleum Elevation 2644 KB 2636 GL
 Address 4924 SE 84 TH ST NEWTON KS 67114 + 8827
 Co. Rep / Geo. Aaron Young Rig Maverick #108
 Location: Sec. 33 Twp. Ros Rge. 26W Co. Ness State Ks

Interval Tested 4251-4383 Zone Tested Marmaton
 Anchor Length 132 Drill Pipe Run 4225 Mud Wt. 9.0
 Top Packer Depth 4246 Drill Collars Run 30 Vis 48
 Bottom Packer Depth 4251 Wt. Pipe Run 0 WL 6.4
 Total Depth 4383 Chlorides 4200 ppm System LCM 2

Blow Description FF-Weak Blow Built to 1 IN
SI-Dead No Blow Back
FF-Weak surface Blow Died out IN 3 min
SI-Dead No Blow Back

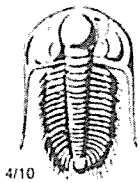
Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>Mud with oil spots</u>				
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 10 BHT 114 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 2099 Test 1250 T-On Location 22:04
 (B) First Initial Flow 66 Jars 250 T-Started 22:27
 (C) First Final Flow 70 Safety Joint 75 T-Open 1:12
 (D) Initial Shut-In 118 Circ Sub _____ T-Pulled 3:12
 (E) Second Initial Flow 74 Hourly Standby _____ T-Out 5:30
 (F) Second Final Flow 71 Mileage 158.10 Comments _____
 (G) Final Shut-In 100 Sampler _____
 (H) Final Hydrostatic 2057 Straddle _____ Ruined Shale Packer _____
 Shale Packer 250 Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open 30 Extra Recorder _____ Sub Total 0
 Initial Shut-In 30 Day Standby _____ Total 1983.10
 Final Flow 30 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 30 Sub Total 1983.10

Approved By _____ Our Representative Jeff Blown

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. 54790

Well Name & No. KDH-Kandt #1 Test No. 5 Date 1-26-14
 Company Palomino Petroleum Elevation 2644 KB 2636 GL
 Address 4924 SE 34TH ST NEWTON KS 67114 + 8827
 Co. Rep / Geo. Aaron Young Rig Maverick #108
 Location: Sec. 33 Twp. 16S Rge. 26W Co. Ness State KS

Interval Tested 4472-4578 Zone Tested Mississippion
 Anchor Length 106 Drill Pipe Run 4444 Mud Wt. 9.2
 Top Packer Depth 4467 Drill Collars Run 30 Vis 51
 Bottom Packer Depth 4472 Wt. Pipe Run 0 WL 6.4
 Total Depth 4578 Chlorides 4400 ppm System LCM 2

Blow Description IP-Fair Blow Built to 4 IN
IS-Weak Surface Blow Back
IP-Fair Blow Built to 4 IN
IS-Weak Surface Blow Back Built to 1/4 IN

Rec	Feet of	%gas	%oil	%water	%mud
<u>312</u>	<u>Hoccom</u>	<u>35</u>	<u>35</u>	<u>30</u>	<u>30</u>
<u>2</u>	<u>MCO</u>		<u>50</u>	<u>50</u>	<u>50</u>
	<u>217-GIP</u>				

Rec Total 314 BHT _____ Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>2207</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>4:38</u>
(B) First Initial Flow <u>27</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>5:16</u>
(C) First Final Flow <u>80</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>8:49</u>
(D) Initial Shut-In <u>989</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>11:49</u>
(E) Second Initial Flow <u>87</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>14:22</u>
(F) Second Final Flow <u>149</u>	<input checked="" type="checkbox"/> Mileage <u>158.10</u>	Comments _____
(G) Final Shut-In <u>1004</u>	<input type="checkbox"/> Sampler _____	
(H) Final Hydrostatic <u>2156</u>	<input type="checkbox"/> Straddle _____	

Initial Open 30
 Initial Shut-In 30
 Final Flow 600
 Final Shut-In 600

Sub Total 1983.10

Approved By _____ Our Representative Jeff Brown

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