



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1274462
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: _____

1274462

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> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	Attwater Trust 2
Doc ID	1274462

All Electric Logs Run

Dual Receiver Cement Bond
Composite Log
Phased Induction Shallow Focus SP
Compensated Neutron PEL Density

Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	Attwater Trust 2
Doc ID	1274462

Tops

Name	Top	Datum
Brown Lime	1776	(-387)
Lansing	1822	(-433)
Stark	2128	(-739)
BKC	2176	(-787)
Miss.	2344	(-955)
Hunton	2501	(-1112)
Simpson Sd.	2652	(-1263)
Arbuckle	2680	(-1291)
LTD	2735	(-1346)



CONSOLIDATED
Oil Well Services, LLC

REMIT TO
Consolidated Oil Well Services, LLC
Dept:970
P.O.Box 4346
Houston, TX 77210-4346

RECEIVED MAIN OFFICE
DEC 14 2015
P.O.Box884
Chanute, KS 66720
620/431-9210, 1-800/467-8676
Fax 620/431-0012

Invoice

Invoice#

806580

Invoice Date: 12/09/15

Terms: Net 30

Page 1

PALOMINO PETROLEUM, INC.

4924 SE 84TH STREET
NEWTON KS 67114-8827
USA

ARTWATER TRUST #2

Part No	Description	Quantity	Unit Price	Discount(%)	Total
CE0450	Cement Pump Charge 0 - 1500'	1.000	1,500.0000	40.000	900.00
CE0002	Equipment Mileage Charge - Heavy Equipment	30.000	7.1500	40.000	128.70
CE0711	Minimum Cement Delivery Charge	1.000	660.0000	40.000	396.00
CC5800A	Class A Cement - Sack	150.000	20.0000	40.000	1,800.00
CC5325	Calcium Chloride	450.000	1.0000	40.000	270.00
CC5965	Bentonite	300.000	0.3000	40.000	54.00
CC6075	Celloflake	75.000	2.0000	40.000	90.00

Subtotal 6,064.50

Discounted Amount 2,425.80

SubTotal After Discount 3,638.70

Amount Due 6,359.70 If paid after 01/08/16

Tax: 177.12

Total: 3,815.82



CONSOLIDATED
Oil Well Services, LLC

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

4943
field ticket
1800
Invoice # 806580

TICKET NUMBER 51095

LOCATION El Dorado

FOREMAN Fuzz

FIELD TICKET & TREATMENT REPORT

CEMENT A.P.I. # 15-115-21500-00-00 KS

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY												
12-6-15	6285	Att water Trust #2	6	22S	4E	Marion												
CUSTOMER Palaming Petroleum			<table border="1"> <thead> <tr> <th>TRUCK #</th> <th>DRIVER</th> <th>TRUCK #</th> <th>DRIVER</th> </tr> </thead> <tbody> <tr> <td>603</td> <td>Tracey</td> <td></td> <td></td> </tr> <tr> <td>611</td> <td>Jud</td> <td></td> <td></td> </tr> </tbody> </table>				TRUCK #	DRIVER	TRUCK #	DRIVER	603	Tracey			611	Jud		
TRUCK #	DRIVER	TRUCK #					DRIVER											
603	Tracey																	
611	Jud																	
MAILING ADDRESS 4924 SE 84th																		
CITY Newton	STATE KS	ZIP CODE																

JOB TYPE surface HOLE SIZE 12 1/4 HOLE DEPTH 218' CASING SIZE & WEIGHT 8 5/8
 CASING DEPTH 218' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.7 SLURRY VOL 35.7 WATER gal/sk 6.5 CEMENT LEFT in CASING 20'
 DISPLACEMENT 12.6 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting on well #4. Ris up and circulate
mix 150 gals class A 390 cc 290 gal w/ 1 1/2 poly flake per sk
Displace 12 1/2 BBL and shut in.

Cement did circulate approx 4 BBLs top it

Thank Fuzz
& crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE0450	1	PUMP CHARGE	1500.00	1500.00
CE0002	30	MILEAGE	7.15	214.50
CE0711	7.1 ton	Ten Mileage Delivery (min)	175	660.00
CE5800	1774 150 gals	Class A	20.00	3000.00
CE5325	450 #	Calcium chloride	1.00	450.00
CE5965	300 #	Gel	.30	90.00
CE6075	75 #	Poly flake	2.00	150.00
		subtotal		6064.50
		less disc 40%		2425.80
		subtotal		3638.70

SCANNED

SALES TAX 177.12
 ESTIMATED TOTAL 3815.82
 DATE 12-6-15

AUTHORIZATION Walter Brown TITLE Tool Pusher

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

SWIFT



Services, Inc.

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



Invoice

DATE	INVOICE #
12/10/2015	28956

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	#2	Attwater Trust	Marion	WW Drilling	Oil	Development	Cement LongStri...	Blaine
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				120	Miles	5.00	600.00
579D	Pump Charge - Top To Bottom LongString				1	Job	1,700.00	1,700.00
403-5	5 1/2" Cement Basket				1	Each	250.00	250.00T
406-5	5 1/2" Latch Down Plug & Baffle				1	Each	225.00	225.00T
407-5	5 1/2" Insert Float Shoe With Auto Fill				1	Each	300.00	300.00T
409-5	5 1/2" Turbolizer				8	Each	75.00	600.00T
419-5	5 1/2" Rotating Head Rental				1	Each	200.00	200.00T
330	Swift Multi-Density Standard (MIDCON II)				300	Sacks	15.75	4,725.00T
276	Flocele				75	Lb(s)	2.25	168.75T
290	D-Air				3	Gallon(s)	42.00	126.00T
281	Mud Flush				500	Gallon(s)	1.25	625.00T
221	Liquid KCL (Clayfix)				4	Gallon(s)	25.00	100.00T
581D	Service Charge Cement				300	Sacks	1.50	450.00
583D	Drayage				1,774.98	Ton Miles	0.75	1,331.24
	Subtotal							11,400.99
	Sales Tax Marion County						8.00%	585.58

Thank You For Your Business & Best Wishes For A Wonderful Holiday Season!!	Total	\$11,986.57
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Services, Inc.

CHARGE TO: Palermo Petroleum

ADDRESS

CITY, STATE, ZIP CODE

TICKET 28956

PAGE 1 OF 2

1. SERVICE LOCATIONS: New City KS WELL/PROJECT NO. #2 LEASE Attwater Trust COUNTY/PARISH Marion STATE KS CITY Perkbody DATE 10 Dec 15 OWNER

2. TICKET TYPE SERVICE SALES CONTRACTOR uuu RIG NAME/NO. 24 SHIPPED DELIVERED TO location ORDER NO.

3. WELL TYPE 0.71 WELL CATEGORY Development JOB PURPOSE Cement log string WELL PERMIT NO. WELL LOCATION 6-22-4

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 TRK 114	120	m			5.00	600.00
579					Pump Charges	1	ea			1700.00	1700.00
403					Cement Baskets	5 1/2	in	1 ea		250.00	1375.00
406					Latch down Ply 5 bag/ble	5 1/2	in	1 ea		225.00	1237.50
407					Inset Flat shoe w/ AWD FIVE	5 1/2	in	1 ea		300.00	1650.00
409					Turbolizer	5 1/2	in	8 ea		75.00	600.00
419					Rotating head rental	5 1/2	in	1 ea		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 DATE SIGNED [Signature] TIME SIGNED 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

PAGE TOTAL 1
TOTAL 11,906.57

7.0% TAX
178.00
585.58

SWIFT OPERATOR BMW APPROVAL [Signature]

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

Thank You!



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

TICKET CONTINUATION

CUSTOMER: Palomares Petroleum

WEIGHT: 466 lbs
WATER TRUST #2

DATE: 10 Dec 15
PAGE: 2 OF 2

TICKET No. 28956

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	WEIGHT				UNIT PRICE	AMOUNT
		LOC	ACCT	DF			QTY	U/M	QTY	U/M		
330						SMD cement	300	Lb			15.75	4725.00
276						Fluore	75	Lb			2.25	168.75
290						D-oxe	3	gal			42.00	126.00
281						mud flush	500	gal			1.25	625.00
221						Rel liquid	4	gal			25.00	100.00
581						SERVICE CHARGE					1.50	4.50
583						MILEAGE CHARGE						1.331
												2.4

SERVICE CHARGE: 300.00
MILEAGE CHARGE: 298.33
LOADED MILES: 120
TON MILES: 1774.98

CONTINUATION TOTAL: 7895.99

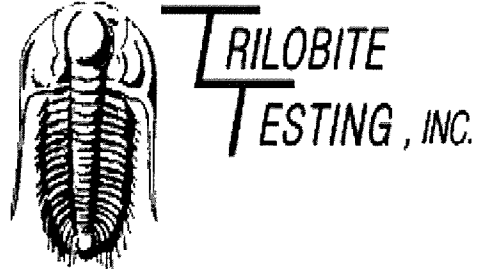
JOB LOG

SWIFT Services, Inc.

DATE 10 Dec 15 PAGE NO.

CUSTOMER Palaming Petroleum WELL NO. 42 LEASE Atwater Trust JOB TYPE cement long string TICKET NO. 28956

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								300 sk SMD cement w/ 1/4 floccle 5 1/2 x 15.5" casing 67 joints TD = 2735 TOTAL PIPE - 2735' shoejt 41.78' conduites 1, 3, 5, 6, 8, 10, 12, 14 Basket # 2 Top to bottom
	1430							on loc TRK 114
	1848							start 5 1/2 x 15.5" casing in well
	2000							Drop ball - circulate - ROTATE
	2055	4	12				200	Pump 500 gal mud flush
		4	20				200	Pump 20 bbl KCL flush
			7					Plug RH 30sk
	2105	5	123				200	mix SMD cement 205sk @ 11.2 ppg
		5	17				200	mix SMD cement 65sk @ 14.5 ppg 270 total in 5 1/2"
								Drop latch down plug washout Pump & Line
	2145	6					200	Displace plug
								— cement to surface - 20sk topit —
		6	60				650	
	2200	6	67				1600	Land plug
	2205							Release pressure to truck - dried up
	2207							wash truck
								Back up
	2240							job complete Thumper Blower, Photo TYLER



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St
Newton KS 67114+8827

ATTN: Nick Gerstner

Attwater Trust #2

6-22s-4e Marion,KS

Start Date: 2015.12.09 @ 13:27:00

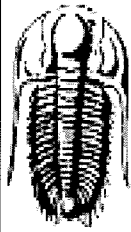
End Date: 2015.12.09 @ 18:54:31

Job Ticket #: 62973 DST #: 1

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

Printed: 2015.12.10 @ 09:00:42

Palomino Petroleum
6-22s-4e Marion,KS
Attwater Trust #2
DST # 1
Hunton
2015.12.09



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum
4924 SE 84th St
New ton KS 67114+8827
ATTN: Nick Gerstner

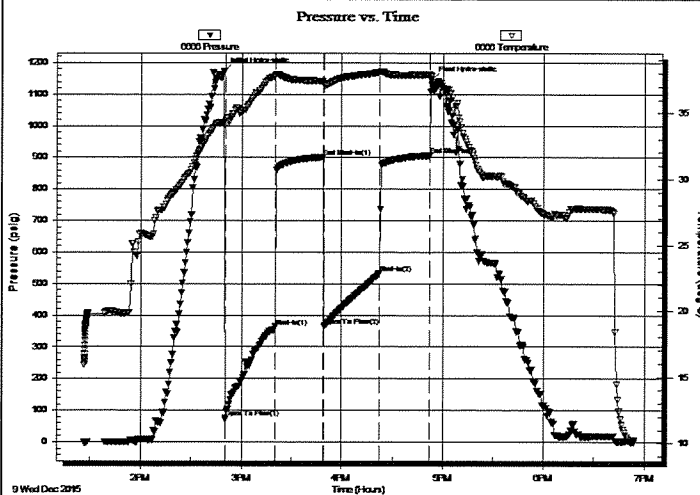
6-22s-4e Marion,KS
Attwater Trust #2
Job Ticket: 62973 **DST#: 1**
Test Start: 2015.12.09 @ 13:27:00

GENERAL INFORMATION:

Formation: **Hunton**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 14:50:31
Time Test Ended: 18:54:31
Interval: **2357.00 ft (KB) To 2504.00 ft (KB) (TVD)**
Total Depth: 2504.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Reference Elevations: 1389.00 ft (KB)
1384.00 ft (CF)
KB to GR/CF: 5.00 ft
Test Type: Conventional Bottom Hole (Initial)
Tester: Jared Scheck
Unit No: 55

Serial #: 6666 **Inside**
Press@RunDepth: 532.37 psig @ 2358.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2015.12.09 End Date: 2015.12.09 Last Calib.: 2015.12.09
Start Time: 13:27:01 End Time: 18:54:31 Time On Btm: 2015.12.09 @ 14:49:31
Time Off Btm: 2015.12.09 @ 16:52:46

TEST COMMENT: IFP-30 Minutes-Strong blow built bottom of bucket in 2 1/2 minutes
ISIP-30 Minutes-No blow back
FFP-30 Minutes-Strong blow built bottom of bucket in 3 minutes
FSIP-30 Minutes-



PRESSURE SUMMARY

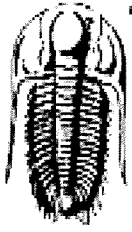
Time (Min.)	Pressure (psig)	Temp (deg C)	Annotation
0	1172.79	34.28	Initial Hydro-static
1	76.45	34.44	Open To Flow (1)
31	363.87	37.82	Shut-In(1)
60	901.41	37.42	End Shut-In(1)
60	365.88	37.10	Open To Flow (2)
93	532.37	38.10	Shut-In(2)
123	906.16	37.92	End Shut-In(2)
124	1146.34	37.76	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
300.00	MCOw 20% m 30% o 50% w	3.12
540.00	MCWO 20% m 40% o 40% w	7.57
300.00	WOCM 10% w 20% o 70% m	4.21

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Palomino Petroleum
4924 SE 84th St
New ton KS 67114+8827
ATTN: Nick Gerstner

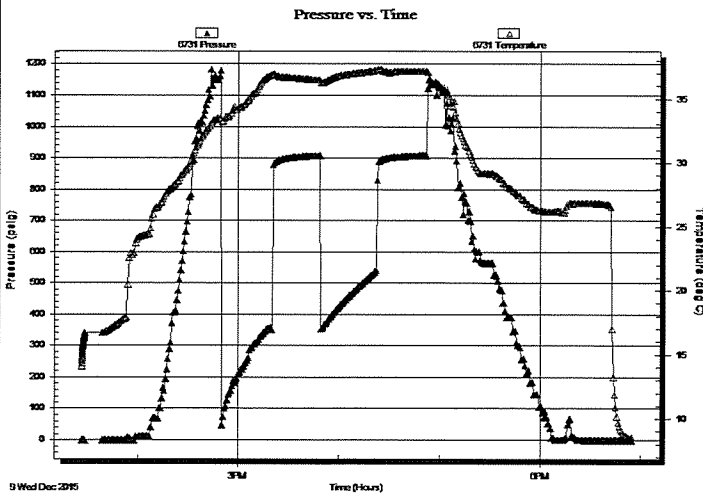
6-22s-4e Marion,KS
Attwater Trust #2
Job Ticket: 62973 **DST#: 1**
Test Start: 2015.12.09 @ 13:27:00

GENERAL INFORMATION:

Formation:	Hunton	Test Type:	Conventional Bottom Hole (Initial)
Deviated:	No Whipstock:	ft (KB)	
Time Tool Opened:	14:50:31	Tester:	Jared Scheck
Time Test Ended:	18:54:31	Unit No:	55
Interval:	2357.00 ft (KB) To 2504.00 ft (KB) (TVD)	Reference Elevations:	1389.00 ft (KB)
Total Depth:	2504.00 ft (KB) (TVD)		1384.00 ft (CF)
Hole Diameter:	7.88 inches	Hole Condition:	Fair
		KB to GR/CF:	5.00 ft

Serial #: 6731	Outside		
Press@RunDepth:	psig @ 2359.00 ft (KB)	Capacity:	8000.00 psig
Start Date:	2015.12.09	End Date:	2015.12.09
Start Time:	13:27:01	End Time:	18:55:01
		Time On Btm:	
		Time Off Btm:	

TEST COMMENT: IFP-30 Minutes-Strong blow built bottom of bucket in 2 1/2 minutes
 ISIP-30 Minutes-No blow back
 FFP-30 Minutes-Strong blow built bottom of bucket in 3 minutes
 FSIP-30 Minutes-



PRESSURE SUMMARY

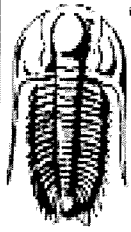
Time (Min.)	Pressure (psig)	Temp (deg C)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
300.00	MCOW 20% m 30% o 50% w	3.12
540.00	MCWO 20% m 40% o 40% w	7.57
300.00	WOVM 10% w 20% o 70% m	4.21

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum
4924 SE 84th St
New ton KS 67114+8827
ATTN: Nick Gerstner

6-22s-4e Marion,KS
Attwater Trust #2
Job Ticket: 62973 **DST#: 1**
Test Start: 2015.12.09 @ 13:27:00

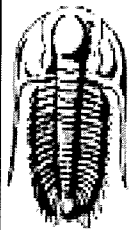
Tool Information

Drill Pipe:	Length: 2224.00 ft	Diameter: 3.80 inches	Volume: 31.20 bbl	Tool Weight: 1000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 0.00 lb
			<u>Total Volume: 31.79 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	2357.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	147.00 ft			
Tool Length:	175.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			2334.00	
Hydraulic tool	5.00			2339.00	
Jars	6.00			2345.00	
Safety Joint	2.00			2347.00	
Packer	5.00			2352.00	28.00 Bottom Of Top Packer
Packer	5.00			2357.00	
Recorder	1.00	6666	Inside	2358.00	
Recorder	1.00	6731	Outside	2359.00	
Anchor	17.00			2376.00	
Change Over Sub	0.75			2376.75	
Drill Pipe	123.50			2500.25	
Change Over Sub	0.75			2501.00	
Bullnose	3.00			2504.00	147.00 Bottom Packers & Anchor

Total Tool Length: 175.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum

6-22s-4e Marion,KS

4924 SE 84th St
New ton KS 67114+8827

Attwater Trust #2

Job Ticket: 62973

DST#: 1

ATTN: Nick Gerstner

Test Start: 2015.12.09 @ 13:27:00

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:

11000 ppm

Viscosity: 40.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.38 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1100.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
300.00	MCOW 20%m 30%o 50%w	3.115
540.00	MCWO 20%m 40%o 40%w	7.575
300.00	WOCM 10%w 20%o 70%m	4.208

Total Length: 1140.00 ft Total Volume: 14.898 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: resistivity .6@65 degree

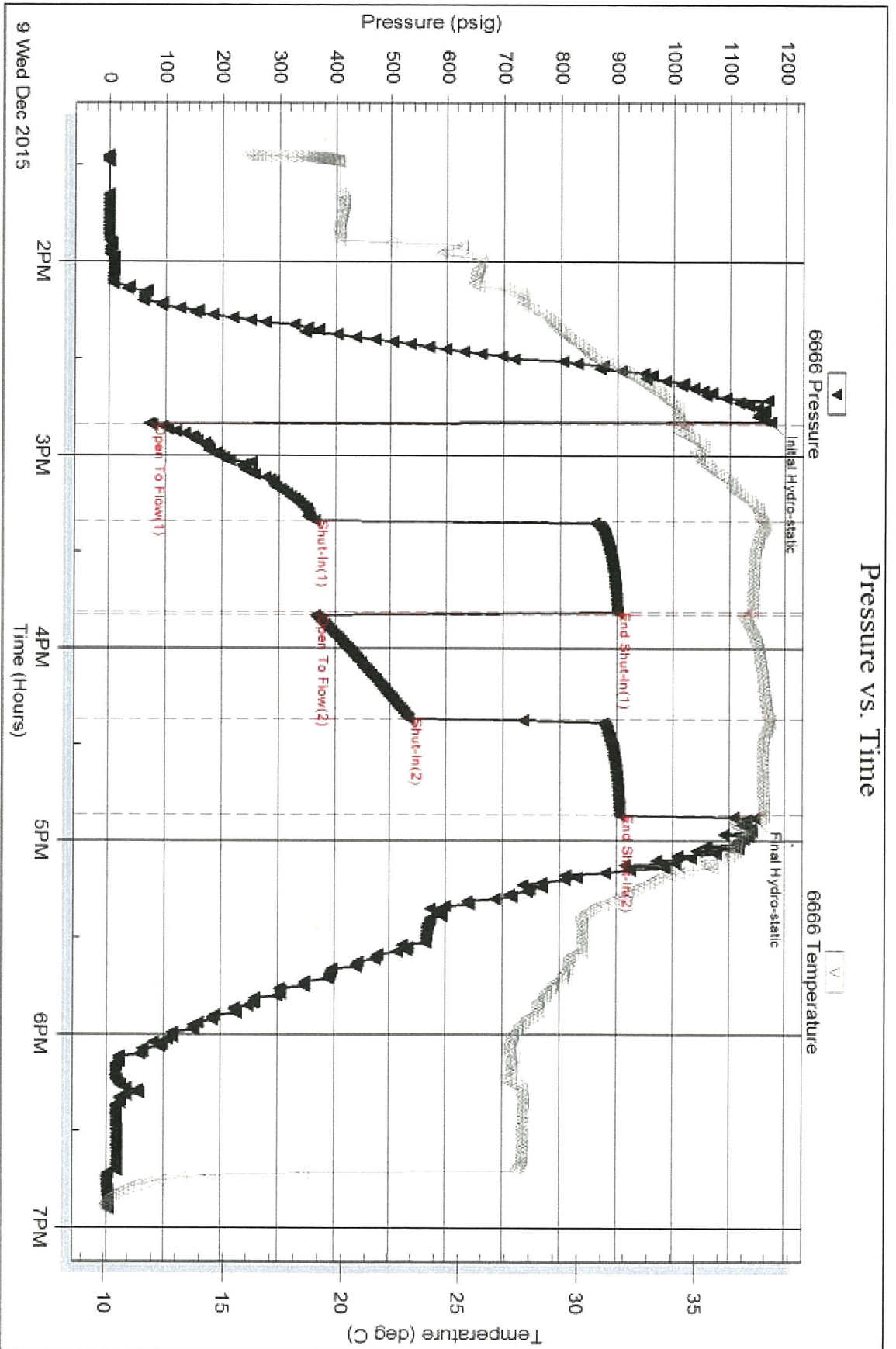
Serial #: 6666

Inside

Palomino Petroleum

Attw ater Trust #2

DST Test Number: 1



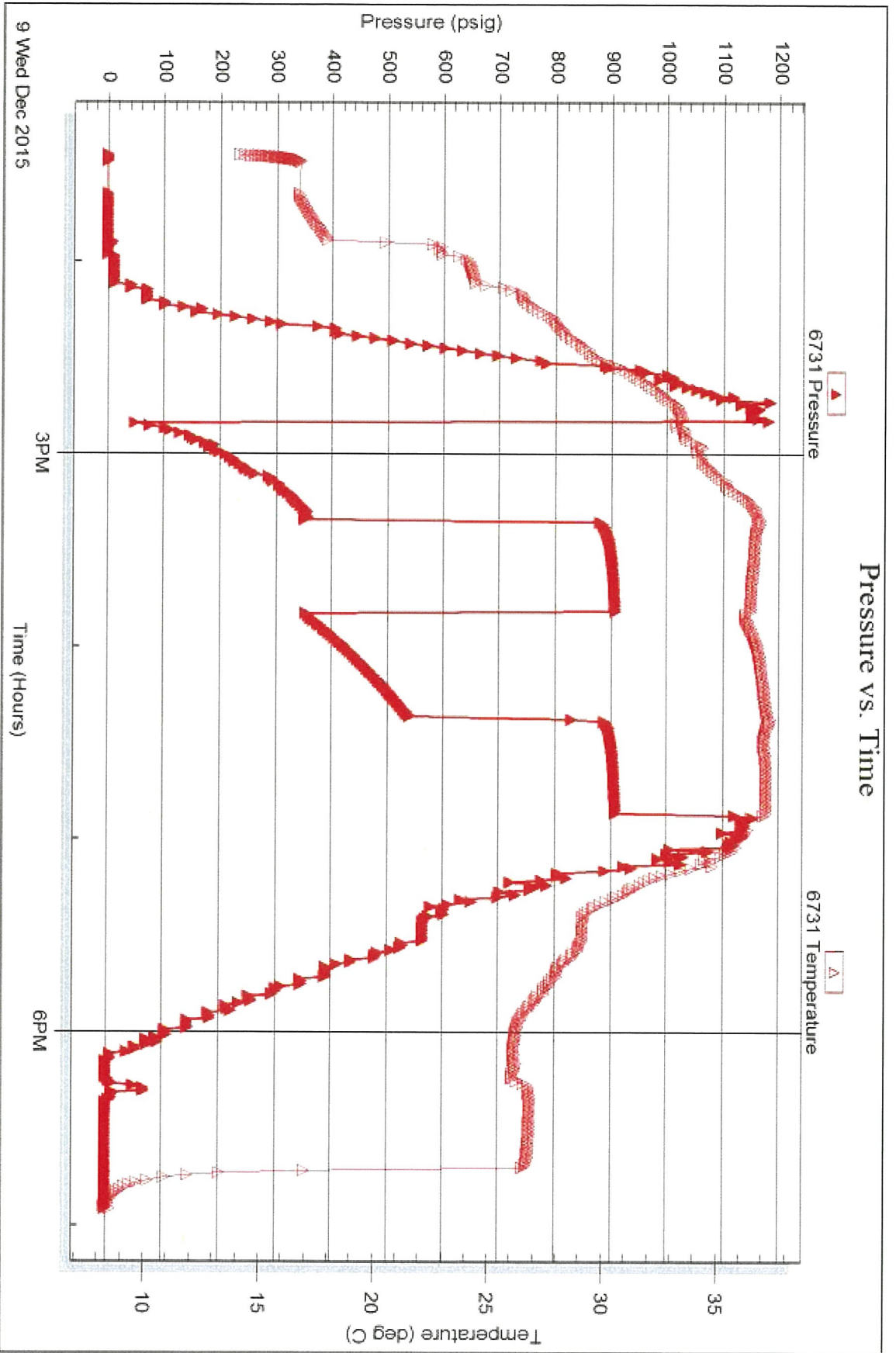
Serial #: 6731

Outside

Palomino Petroleum

Atw ater Trust #2

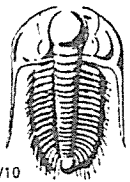
DST Test Number: 1



Triobite Testing, Inc

Ref. No: 62973

Printed: 2015 12 10 @ 09:00:44



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 62973

Well Name & No. Attwater Trust # 2 Test No. 1 Date 12-9-2005
 Company Palmco Petroleum Elevation 1389 KB 1384 GL
 Address 4924 SE 84th St Newton KS 67114 8827
 Co. Rep / Geo. Nick Gerstner Rig WW Drilling Rig # 4
 Location: Sec. 6 Twp. 22 Rge. 4 Co. Marion State KS

Interval Tested 2357-2504 Zone Tested Huntian
 Anchor Length 147 Drill Pipe Run _____ Mud Wt. 9.4
 Top Packer Depth 2352 Drill Collars Run _____ Vis 40
 Bottom Packer Depth 2357 Wt. Pipe Run _____ WL 8.4
 Total Depth 2504 Chlorides 1100 ppm System LCM
 Blow Description IFP - Strong Blow Built Bottom of Bucket in 25 minutes
ISTR - NO Blow Back
FFP - Strong Blow Built Bottom Bucket in 5 minutes
FSIP - NO Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>320</u>	<u>MO W</u>	<u>30</u>	<u>50</u>	<u>20</u>	
<u>540</u>	<u>MO W</u>	<u>40</u>	<u>40</u>	<u>20</u>	
<u>300</u>	<u>WOM</u>	<u>20</u>	<u>10</u>	<u>70</u>	
____	____	____	____	____	____
____	____	____	____	____	____

Rec Total _____ BHT _____ Gravity _____ API RW 6 @ 65 °F Chlorides 11,000 ppm

(A) Initial Hydrostatic 172 Test 1050 T-On Location 1:00pm
 (B) First Initial Flow 74 Jars 250 T-Started 1:27pm
 (C) First Final Flow 363 Safety Joint 75 T-Open 2:40pm
 (D) Initial Shut-In 901 Circ Sub _____ T-Pulled 4:40pm
 (E) Second Initial Flow 365 Hourly Standby _____ T-Out 6:54pm
 (F) Second Final Flow 532 Mileage 202rt Comments _____
 (G) Final Shut-In 904 Sampler _____
 (H) Final Hydrostatic 1146 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 1577
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1577

Approved By _____ Our Representative _____

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