



QUALITY OILWELL CEMENTING, INC.
 PO Box 32 - 740 West Wichita Ave, Russell KS 67665
 Phone: 785-324-1041 fax: 785-483-1087
 Email: cementing@ruraltel.net

RECEIVED

Date: 4/28/2015
 Invoice # 1239

MAY 04 2015

P.O.#:
 Due Date: 5/28/2015
 Division: *Russell*

Invoice

Contact:
 Palomino Petroleum Inc
Address/Job Location:
 Palomino Petroleum Inc
 4924 SE 84th
 Newton Ks 67114

Reference:
 BROWNIE 1

Description of Work:
 LONG SURFACE JOB

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 669.11	No				
Common-Class A	120	\$ 1,823.84	Yes				
Calcium Chloride	5	\$ 254.81	Yes				
POZ Mix-Standard	30	\$ 192.27	Yes				
Bulk Truck Matl-Material Service Charge	158	\$ 144.66	No				
Pump Truck Mileage-Job to Nearest Camp	25	\$ 125.89	No				
Bulk Truck Mileage-Job to Nearest Bulk Plant	25	\$ 80.11	No				
Premium Gel (Bentonite)	3	\$ 44.72	Yes				

Invoice Terms:

Net 30

SubTotal: \$ 3,335.42
 Discount Available ONLY if Invoice is Paid & Received
 within listed terms of invoice: \$ (83.39)

SubTotal for Taxable Items: \$ 2,257.75
 SubTotal for Non-Taxable Items: \$ 994.28

7.90% Gove County Sales Tax

Total: \$ 3,252.03
 Tax: \$ 178.36
Amount Due: \$ 3,430.39
Applied Payments:
Balance Due: \$ 3,430.39

Thank You For Your Business!

Past Due Invoices are subject to a service charge (annual rate of 24%)
 This does not include any applicable taxes unless it is listed.
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QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 1239

Date	4-28-15	Sec.	7	Twp.	14	Range	30	County	GOV	State	KS	On Location		Finish	Lev 450m-
Lease								Well No.		Location					
Browne								1		Coove 12w to Coalen Cementary 7s LRE 15s					
Contractor								Owner		To Quality Oilwell Cementing, Inc.					
WW #6										You are hereby requested to rent cementing equipment and furnish					
Type Job										cement and helper to assist owner or contractor to do work as listed.					
Surface															
Hole Size				T.D.				Charge To							
12 1/4				217				Palomina Petroleum							
Csg.				Depth				Street							
8 5/8				216											
Tbg. Size				Depth				City				State			
Tool				Depth				The above was done to satisfaction and supervision of owner agent or contractor.							
Cement Left in Csg.				Shoe Joint				Cement Amount Ordered							
15'								150 8/20 3/12 2/16 2/16							
Meas Line				Displace											
				12 3/4 B/L											
EQUIPMENT															
Pumptrk				Cementer				Common				120			
17				No. 17				Poz. Mix				30			
Bulktrk				Helper				Gel.				5			
				No. 17				Calcium				3			
Bulktrk				Driver											
21				No. 21											
				Driver											
				Driver											
JOB SERVICES & REMARKS															
Remarks:												Hulls			
Rat Hole												Salt			
Mouse Hole												Flowseal			
Centralizers												Kol-Seal			
Baskets												Mud CLR 48			
D/V or Port Collar												CFL-117 or CD110 CAF 38			
8 5/8 on bottom Best Circulation												Sand			
Mix 12 1/2 SK & Displace												Handling 158			
Cement Circulated												Mileage			
FLOAT EQUIPMENT															
												Guide Shoe			
												Centralizer			
												Baskets			
												AFU Inserts			
												Float Shoe			
												Latch Down			
												Pumptrk Charge			
												Mileage 25			
												Tax			
												Discount			
Signature												Total Charge			
Macl Blyso															

Quality Oilwell
Cementing

SWIFT



Services, Inc.

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



Invoice

DATE	INVOICE #
5/18/2015	27179

RECEIVED

MAY 21 2015

- Acidizing
- Cement
- Tool Rental

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

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1	Brownie	Gove	Express Well Serv...	Oil	Development	Port Collar	David E.
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				70	Miles	5.00	350.00
576D-D	Pump Charge - Port Collar				1	Job	1,250.00	1,250.00
290	D-Air				3	Gallon(s)	42.00	126.00T
104	Port Collar Tool Rental				1	Each	200.00	200.00T
330	Swift Multi-Density Standard (MIDCON II)				170	Sacks	15.75	2,677.50T
276	Flocele				62	Lb(s)	2.25	139.50T
581D	Service Charge Cement				250	Sacks	1.50	375.00
583D	Drayage				871	Ton Miles	0.75	653.25
	Subtotal							5,771.25
	Sales Tax Gove County						7.15%	224.72

We Appreciate Your Business!	Total	\$5,995.97
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Services, Inc.

CHARGE TO: Proximo Petroleum

ADDRESS

CITY, STATE, ZIP CODE

TICKET 27179

PAGE 1 OF 1

1. <u>Hays ks</u>	WELL/PROJECT NO. # <u>1</u>	LEASE <u>Brownie</u>	COUNTY/PARISH <u>Gove</u>	STATE <u>KS</u>	CITY	DATE <u>5-18-15</u>	OWNER
2. <u>Ness City ks</u>	TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <u>Express well service</u>	RIG NAME/NO.	SHIPPED VIA	DELIVERED TO	ORDER NO.	
3.	WELL TYPE <u>D:1</u>	WELL CATEGORY <u>Development</u>	JOB PURPOSE <u>Port Collar</u>	WELL PERMIT NO.	WELL LOCATION		
4.	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	MILEAGE # <u>111</u>	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF								
<u>575</u>							<u>70</u>	<u>MI</u>			<u>5.00</u>	<u>350.00</u>
<u>576D</u>					<u>Pump Charge - Port Collar</u>		<u>1</u>	<u>EA</u>			<u>1250.00</u>	<u>1250.00</u>
<u>290</u>					<u>D-Air</u>		<u>3</u>	<u>GAZ</u>			<u>42.00</u>	<u>126.00</u>
<u>104</u>					<u>Port Collar Tool Rental</u>		<u>1</u>	<u>EA</u>			<u>200.00</u>	<u>200.00</u>
<u>330</u>					<u>Swift Multi Density STD</u>		<u>170</u>	<u>SKS</u>			<u>15.75</u>	<u>2677.50</u>
<u>276</u>					<u>Flocalc</u>		<u>62</u>	<u>lbs</u>			<u>2.25</u>	<u>139.50</u>
<u>81</u>					<u>Service Charge Cement</u>		<u>250</u>	<u>SKS</u>			<u>1.50</u>	<u>375.00</u>
<u>83</u>					<u>Drayage</u>		<u>871</u>	<u>TM</u>			<u>.75</u>	<u>653.25</u>

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 Blaine Winkler
 DATE SIGNED 5-18-15 TIME SIGNED 2:10
 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	<u>5771</u>	<u>25</u>
TOTAL	<u>5995</u>	<u>97</u>

SWIFT OPERATOR David Edgerton APPROVAL

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

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 5-18-15 PAGE NO.

CUSTOMER Palomino Petroleum WELL NO. # 1 LEASE Brownie JOB TYPE Port Collar TICKET NO. 27179

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1200							On location
								2 7/8 x 5 1/2
								Port collar - 2215'
	1230					1000	1000	Pressure test
		3.25				200		open port collar - inj rate - 3.25 BPM @ 200 psi
	1245	4.25	0			200		Start Cmt
			90			1000		- @ Cmt to surface
			90					Raise Cmt weight to 15 ppg
			95/0					Start Disp
			11			1200		End Disp
						1200	1200	- Shut port collar and test - Run 5 Joints
	145		30			200		- Reverse out
								Thanks David, Austin & Preston

SWIFT



Services, Inc.

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



Invoice

DATE	INVOICE #
5/21/2015	28390

RECEIVED
MAY 29 2015

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	Brownie	Gove	Express Well Serv...	Oil	Development	Squeeze Perforat...	David K.
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				60	Miles	5.00	300.00
578D-D	Pump Charge - Deep Squeeze (> 1500 Ft.)				1	Job	1,250.00	1,250.00
325	Standard Cement				50	Sacks	12.25	612.50T
290	D-Air				1	Gallon(s)	42.00	42.00T
581D	Service Charge Cement				100	Sacks	1.50	150.00
582D	Minimum Drayage Charge				1	Each	250.00	250.00
	Subtotal							2,604.50
	Sales Tax Gove County						7.15%	46.80

We Appreciate Your Business!

Total

\$2,651.30



Services, Inc.

TICKET 28390

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

PAGE 1 OF 1

SERVICE LOCATIONS

1. Ness City KS WELL/PROJECT NO. #1 LEASE Brownie COUNTY/PARISH Gove STATE KS CITY Gove DATE 5-21-15 OWNER Same

2. TICKET TYPE SERVICE SALES CONTRACTOR Express Well Service RIG NAME/NO. #4 SHIPPED VIA CT DELIVERED TO Location ORDER NO. _____

3. WELL TYPE Oil WELL CATEGORY Development JOB PURPOSE Squeeze Preflushers WELL PERMIT NO. _____

4. REFERRAL LOCATION INVOICE INSTRUCTIONS Gove KS - 10s. Hwy 112 y. 46 in

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	LOC	ACCT	DF	DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
575					MILEAGE			60	mi	5.00	300.00
578					Tank # 112						
325					Pump Charge - Deep Squeeze	1	gals	50	gals	12.50	1250.00
290					Standard Cement			50	gals	12.25	612.50
					D-Air			1	gal	42.00	42.00
581					Service Charge Cement			100	gals	1.50	150.00
582					Minimum Drayage Charge			250	gals	1.00	250.00

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

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

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? YES NO

WE UNDERSTOOD AND MET YOUR NEEDS? YES NO

OUR SERVICE WAS PERFORMED WITHOUT DELAY? YES NO

WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? YES NO

ARE YOU SATISFIED WITH OUR SERVICE? YES NO

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL 2604.50

TOTAL 2651.30

DATE SIGNED 5-21-15 TIME SIGNED 1430

David Kuehn PKM

APPROVAL _____

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

SWIFT OPERATOR David Kuehn

THANK YOU!

JOB LOG

SWIFT Services, Inc.

DATE 5-21-15 PAGE NO. 1

CUSTOMER Palimino Petroleum WELL NO. # 1 LEASE Braunie JOB TYPE Squeeze Perforations TICKET NO. 28390

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1000							On location
								Perfs - 4073-78 squeeze - 3979 2 7/8 x 5 1/2
	1050	3	12	✓		2750		Pressure test tools
	1115	3	25		✓		500	Load Backside * Hold *
	1130	2	13	✓		1450		Injection Rate
	1150	2	10 1/2	✓		1000		Mix 50 sks NEAT @ 15.6 PPG Wash out Pump + Lines
	1205	2	∅	✓		∅		Start Displacement
		2	1 1/2	✓		800		
		2	23	✓		1800		clear Packer
	1220	∅	24	✓		1800		Kickout Pump * PKR clear 1/4 bbls *
		∅	24 1/4	✓		2600		Stage * 47 sks in zone *
	1225	∅	24 1/4	✓		2500		Shut in valve * 2500 # *
								Wash up truck
	1246	∅	24 1/4	✓		2350		open valve
	1252							Release Pressure * Squeeze Hold *
	1257	2	10	✓		200 200		Reverse out
	1316	2	30	✓		400 400		Wash Through Squeeze
	1347	3 1/2	50	✓		300		Reverse out tubing
								Pull 6 jts Set PKR above squeeze
	1415	∅	∅	✓		1500		Pressure Squeeze * Hold * Release
	1500							Job Complete Thank You Dave John Preston

SWIFT



Services, Inc.

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



Invoice

DATE	INVOICE #
5/8/2015	28512

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

- Acidizing
- Cement
- Tool Rental

RECEIVED
MAY 13 2015

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1	Brownie	Gove	WW Drilling #6	Oil	Development	5-1/2" LongString	Jason
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				70	Miles	5.00	350.00
578D-L	Pump Charge - Long String				1	Job	1,250.00	1,250.00
403-5	5 1/2" Cement Basket				2	Each	250.00	500.00T
404-5	5 1/2" Port Collar				1	Each	2,500.00	2,500.00T
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				15	Each	75.00	1,125.00T
419-5	5 1/2" Rotating Head Rental				1	Each	200.00	200.00T
281	Mud Flush				500	Gallon(s)	1.25	625.00T
221	Liquid KCL (Clayfix)				4	Gallon(s)	25.00	100.00T
276	Flocele				60	Lb(s)	2.25	135.00T
283	Salt				500	Lb(s)	0.20	100.00T
284	Calseal				5	Sack(s)	30.00	150.00T
285	CFR-1				50	Lb(s)	4.50	225.00T
290	D-Air				2.5	Gallon(s)	42.00	105.00T
325	Standard Cement				100	Sacks	12.25	1,225.00T
330	Swift Multi-Density Standard (MIDCON II)				125	Sacks	15.75	1,968.75T
581D	Service Charge Cement				225	Sacks	1.50	337.50
583D	Drayage				801.85	Ton Miles	0.75	601.39
	Subtotal							12,022.64
	Sales Tax Gove County						7.15%	678.09

We Appreciate Your Business!

Total

\$12,700.73



Services, Inc.

CHARGE TO: **PALOMIRO PETROLEUM**

TICKET 28512

ADDRESS

CITY, STATE, ZIP CODE

PAGE 1 OF 2

SERVICE LOCATION: **Ness City, KS**

WELL/PROJECT NO.: **Browlie #1**

LEASE: **Browlie #1**

COUNTY/ABBREV: **Gove**

STATE: **KS**

CITY: **Gove, KS**

DATE: **8 May 15**

OWNER: **S. To Mo. RATS 11w**

TICKET TYPE: SERVICE SALES

CONTRACTOR: **W W DRILLING #6**

RIG NAME/NO.: **S-1**

ORDER NO.: **118w, E/P 1550**

WELL TYPE: **OIL**

WELL CATEGORY: **DEVELOPMENT**

JOB PURPOSE: **S-1 LONGSTRINK**

WELL PERMIT NO.:

WELL LOCATION: **S. To Mo. RATS 11w**

INVOICE INSTRUCTIONS: **118w, E/P 1550**

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575					MILEAGE # 115	70	mi			5.00	350.00
578					Ramp Charge	1	hour			1850.00	1850.00
403					Cement Baskets	2	EA			2500.00	5000.00
404					PORT COLLAR	1	EA			2500.00	2500.00
406					LATCH DOWN PLW & BAFFLE	1	EA			225.00	225.00
407					INSERT PLANT SHOEW/FILE	1	EA			300.00	300.00
409					TURBOCHARGERS	15	EA			75.00	1125.00
419					ROTATIVE HEAD RENTAL	1	HR			200.00	200.00
281					MUD FLUSH	500	gal			1.35	675.00
281					RIBBUD KEL	4	gal			25.00	100.00

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

DATE SIGNED: **8 May 15**

TIME SIGNED: **1:00**

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	DIS-AGREE	UN-DECIDED	AGREE	TOTAL
1			1	7175.00
2			1	4847.00
			1	19000.00
			1	678.09
			1	12,100.71

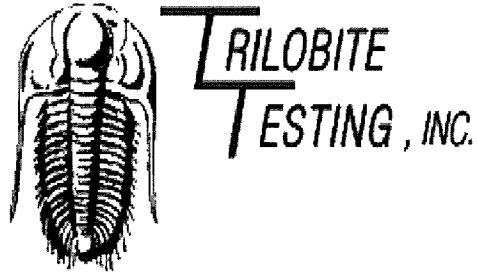
SWIFT OPERATOR: *[Signature]*

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES: *[Signature]*

APPROVAL: *[Signature]*

The customer hereby acknowledges receipt of the materials and services listed on this ticket.

Thank You!



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum, Inc**

4924 SE 84th St.
Newton, KS 67114

ATTN: Sean Deenihan

Brownie #1

7-14s-30w Gove,KS

Start Date: 2015.05.02 @ 04:08:00

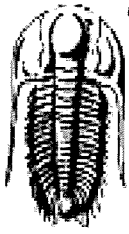
End Date: 2015.05.02 @ 12:11:15

Job Ticket #: 57407 DST #: 1

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.05.08 @ 14:19:36

Palomino Petroleum, Inc 7-14s-30w Gove,KS Brownie #1 DST # 1 Toronto - LKC A 2015.05.02



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Palomino Petroleum, Inc

7-14s-30w Gove, KS

4924 SE 84th St.
Newton, KS 67114

Brownie #1

Job Ticket: 57407

DST#: 1

ATTN: Sean Deenihan

Test Start: 2015.05.02 @ 04:08:00

GENERAL INFORMATION:

Formation: **Toronto - LKC A**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 08:06:30
 Time Test Ended: 12:11:15

Test Type: Conventional Bottom Hole (Initial)
 Tester: Bradley Walter
 Unit No: 69

Interval: **3806.00 ft (KB) To 3860.00 ft (KB) (TVD)**
 Total Depth: 3860.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2765.00 ft (KB)
 2760.00 ft (CF)
 KB to GR/CF: 5.00 ft

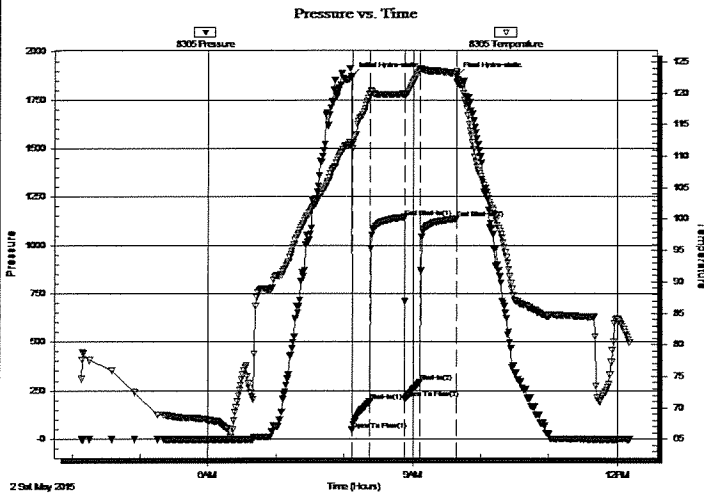
Serial #: 8365

Inside

Press@RunDepth: 293.73 psig @ 3807.00 ft (KB)
 Start Date: 2015.05.02 End Date: 2015.05.02
 Start Time: 04:08:05 End Time: 12:11:14

Capacity: 8000.00 psig
 Last Calib.: 2015.05.02
 Time On Btm: 2015.05.02 @ 08:06:15
 Time Off Btm: 2015.05.02 @ 09:39:00

TEST COMMENT: IF: BOB @ 4 1/2 min.
 IS: No return.
 FF: BOB @ 6 min.
 FS: 1/2" return.



PRESSURE SUMMARY

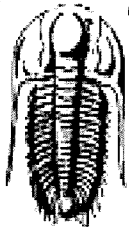
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1872.10	111.83	Initial Hydro-static
1	43.03	111.15	Open To Flow (1)
16	194.00	119.97	Shut-In(1)
47	1144.96	119.87	End Shut-In(1)
47	207.70	119.57	Open To Flow (2)
60	293.73	123.57	Shut-In(2)
93	1136.61	123.11	End Shut-In(2)
93	1871.30	123.38	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
250.00	smcw 5m 95w (oil spots)	2.40
345.00	gw mco 5g 20w 20m 55o	4.84
0.00	90 GIP	0.00

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Palomino Petroleum, Inc
 4924 SE 84th St.
 Newton, KS 67114
 ATTN: Sean Deenihan

7-14s-30w Gove,KS
Brownie #1
 Job Ticket: 57407 **DST#: 1**
 Test Start: 2015.05.02 @ 04:08:00

GENERAL INFORMATION:

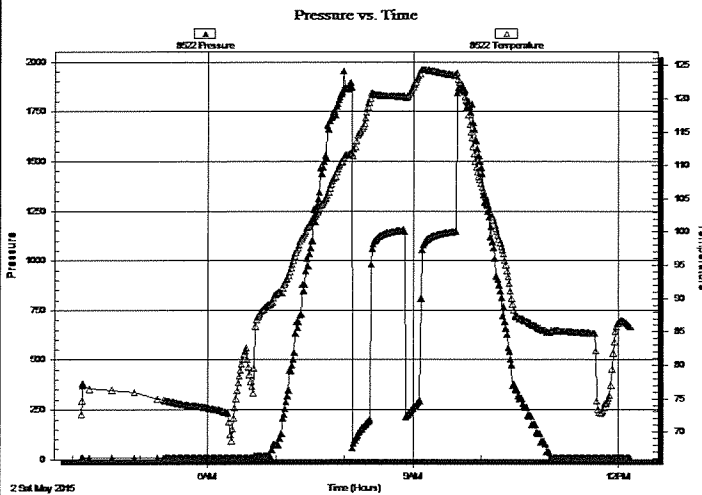
Formation: **Toronto - LKC A**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 08:06:30 Tester: Bradley Walter
 Time Test Ended: 12:11:15 Unit No: 69
 Interval: **3806.00 ft (KB) To 3860.00 ft (KB) (TVD)** Reference Elevations: 2765.00 ft (KB)
 Total Depth: 3860.00 ft (KB) (TVD) 2760.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 5.00 ft

Serial #: 8522

Outside

Press@RunDepth: psig @ 3807.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.05.02 End Date: 2015.05.02 Last Calib.: 1899.12.30
 Start Time: 04:08:05 End Time: 12:11:14 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: BOB @ 4 1/2 min.
 IS: No return.
 FF: BOB @ 6 min.
 FS: 1/2" return.



PRESSURE SUMMARY

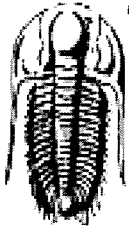
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
250.00	smcw 5m 95w (oil spots)	2.40
345.00	gw mco 5g 20w 20m 55o	4.84
0.00	90 GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum, Inc

7-14s-30w Gove,KS

4924 SE 84th St.
Newton, KS 67114

Brownie #1

Job Ticket: 57407

DST#: 1

ATTN: Sean Deenihan

Test Start: 2015.05.02 @ 04:08:00

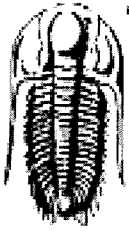
Tool Information

Drill Pipe:	Length: 3683.00 ft	Diameter: 3.80 inches	Volume: 51.66 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 121.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 52.26 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3806.00 ft			Final 41000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	54.00 ft			
Tool Length:	79.00 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			3782.00	
Shut In Tool	5.00			3787.00	
Hydraulic tool	5.00			3792.00	
Jars	5.00			3797.00	
Packer	5.00			3802.00	25.00 Bottom Of Top Packer
Packer	4.00			3806.00	
Stubb	1.00			3807.00	
Recorder	0.00	8365	Inside	3807.00	
Recorder	0.00	8522	Outside	3807.00	
Perforations	17.00			3824.00	
Change Over Sub	1.00			3825.00	
Drill Pipe	31.00			3856.00	
Change Over Sub	1.00			3857.00	
Bullnose	3.00			3860.00	54.00 Bottom Packers & Anchor

Total Tool Length: 79.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc

7-14s-30w Gove,KS

4924 SE 84th St.
Newton, KS 67114

Brownie #1

Job Ticket: 57407

DST#: 1

ATTN: Sean Deenihan

Test Start: 2015.05.02 @ 04:08:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

34000 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbl

Water Loss: 5.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 700.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
250.00	smcw 5m 95w (oil spots)	2.405
345.00	gw mco 5g 20w 20m 55o	4.839
0.00	90 GIP	0.000

Total Length: 595.00 ft Total Volume: 7.244 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw is 0.24 @ 65F = 34,000ppm

Serial #: 8365

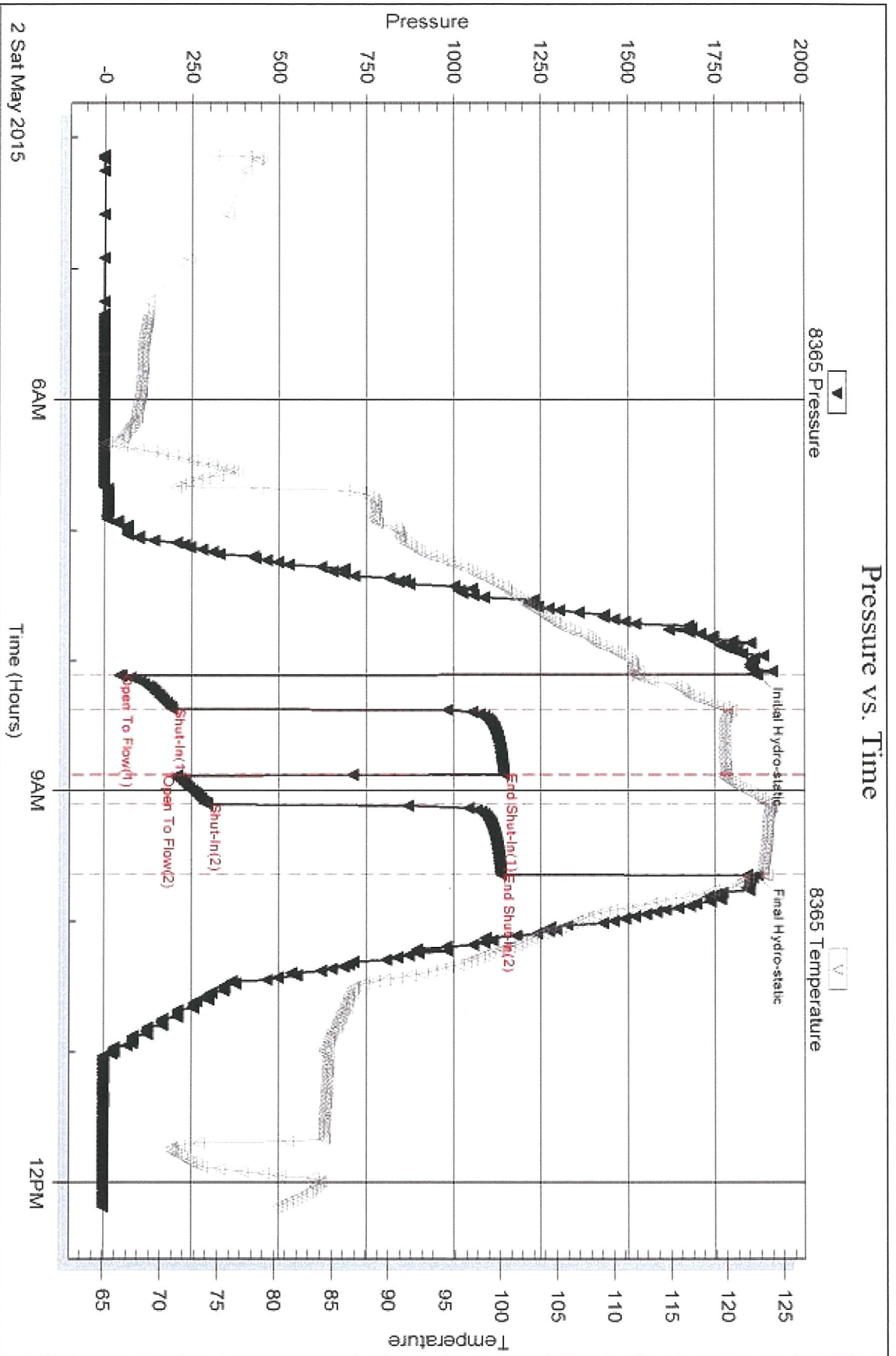
Inside

Palomino Petroleum, Inc

Brown #1

DST Test Number: 1

Pressure vs. Time



Tribble Testing, Inc

Ref. No: 57407

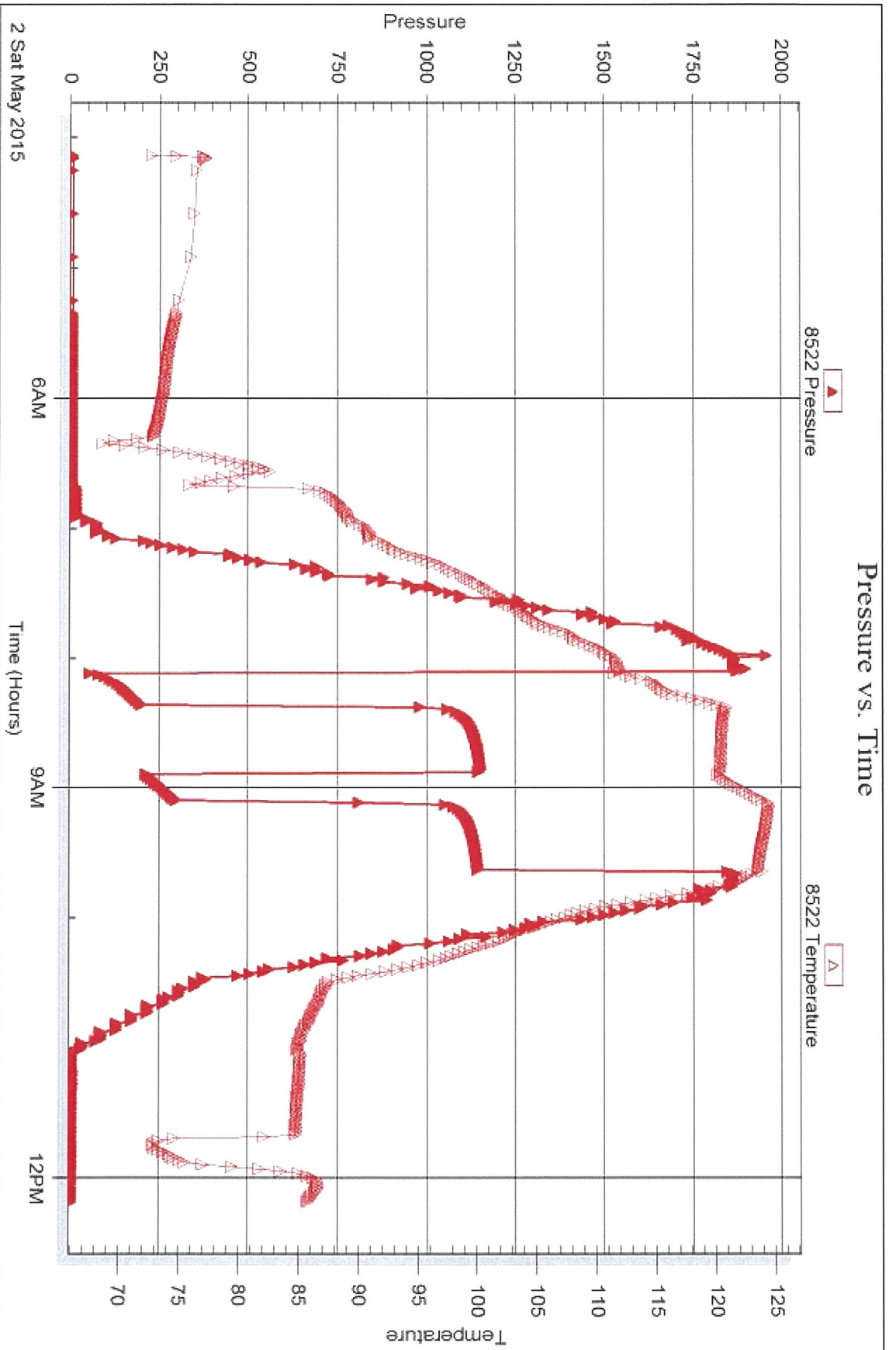
Printed: 2015.05.08 @ 14:19:38

Serial #: 8522

Outside Palomino Petroleum, Inc

Brow no #1

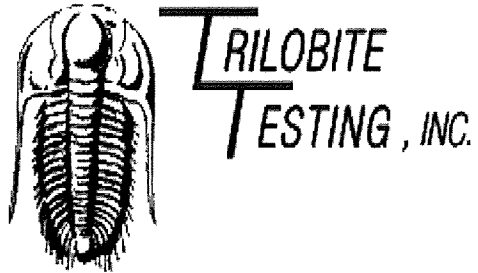
DST Test Number: 1



Tribble Testing, Inc

Ref. No: 57407

Printed: 2015 05 08 @ 14:19:38



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum, Inc**

4924 SE 84th St.
Newton, KS 67114

ATTN: Sean Deenihan

Brownie #1

7-14s-30w Gove,KS

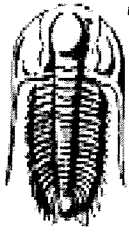
Start Date: 2015.05.02 @ 19:00:00

End Date: 2015.05.03 @ 02:21:00

Job Ticket #: 57408 DST #: 2

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.05.08 @ 14:19:01



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum, Inc

7-14s-30w Gove, KS

4924 SE 84th St.
Newton, KS 67114

Brownie #1

Job Ticket: 57408

DST#: 2

ATTN: Sean Deenihan

Test Start: 2015.05.02 @ 19:00:00

GENERAL INFORMATION:

Formation: **LKC B-C**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:39:45

Time Test Ended: 02:21:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 69

Interval: **3870.00 ft (KB) To 3916.00 ft (KB) (TVD)**

Reference Elevations: 2765.00 ft (KB)

Total Depth: 3916.00 ft (KB) (TVD)

2760.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8365

Inside

Press@RunDepth: 281.08 psig @ 3871.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.05.02

End Date:

2015.05.03

Last Calib.: 2015.05.03

Start Time: 19:00:05

End Time:

02:20:59

Time On Btm: 2015.05.02 @ 21:39:30

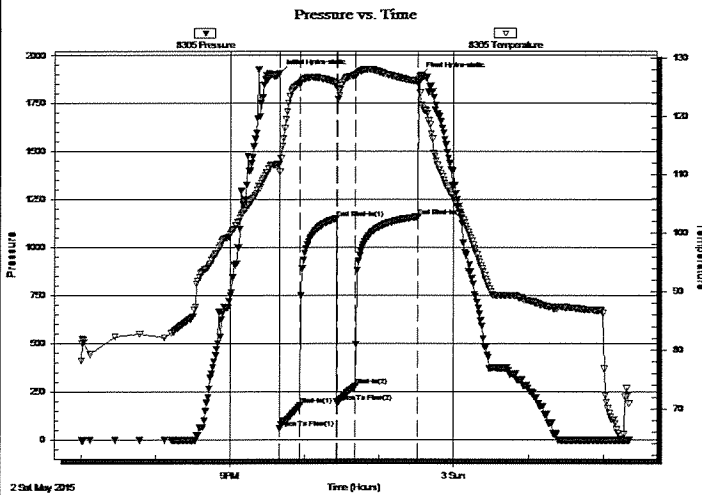
Time Off Btm: 2015.05.02 @ 23:32:15

TEST COMMENT: IF: BOB @ 1 1/2 min.

IS: BOB @ 15 min

FF: BOB @ open.

FS: BOB @ 6 min



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1908.42	111.85	Initial Hydro-static
1	60.26	110.54	Open To Flow (1)
17	178.74	125.63	Shut-In(1)
46	1152.45	125.65	End Shut-In(1)
47	194.52	124.68	Open To Flow (2)
61	281.08	126.96	Shut-In(2)
112	1160.95	125.89	End Shut-In(2)
113	1893.86	125.93	Final Hydro-static

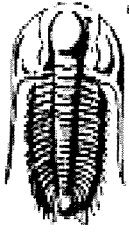
Recovery

Length (ft)	Description	Volume (bbl)
190.00	gmco 30g 30m 40o	1.56
470.00	go 35g 65o	6.59
0.00	650' 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, Inc
4924 SE 84th St.
New ton, KS 67114
ATTN: Sean Deenihan

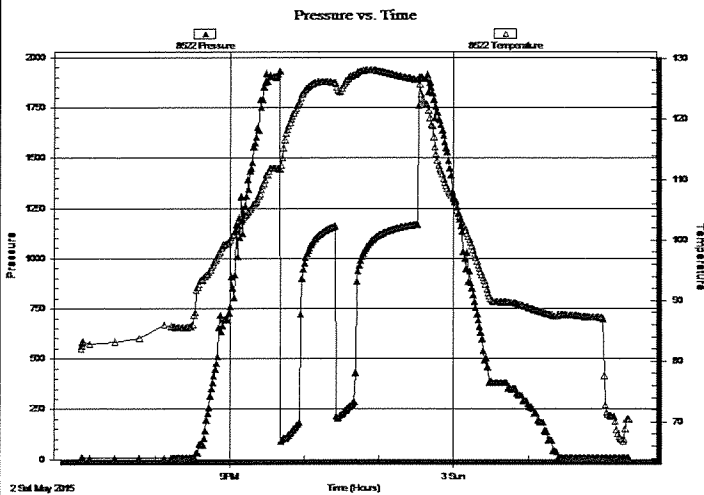
7-14s-30w Gove,KS
Brownie #1
Job Ticket: 57408 **DST#: 2**
Test Start: 2015.05.02 @ 19:00:00

GENERAL INFORMATION:

Formation: **LKC B-C**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 21:39:45
Time Test Ended: 02:21:00
Interval: **3870.00 ft (KB) To 3916.00 ft (KB) (TVD)**
Total Depth: 3916.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Reset)
Tester: Bradley Walter
Unit No: 69
Reference Elevations: 2765.00 ft (KB)
2760.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8522 **Outside**
Press@RunDepth: psig @ 3871.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2015.05.02 End Date: 2015.05.03 Last Calib.: 2015.05.03
Start Time: 19:00:05 End Time: 02:20:59 Time On Btm:
Time Off Btm:

TEST COMMENT: IF: BOB @ 1 1/2 min.
IS: BOB @ 15 min
FF: BOB @ open.
FS: BOB @ 6 min



PRESSURE SUMMARY

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

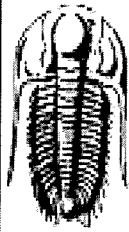
Recovery

Length (ft)	Description	Volume (bbl)
190.00	gmco 30g 30m 40o	1.56
470.00	go 35g 65o	6.59
0.00	650' 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, Inc

7-14s-30w Gove,KS

4924 SE 84th St.
New ton, KS 67114

Brownie #1

Job Ticket: 57408

DST#: 2

ATTN: Sean Deenihan

Test Start: 2015.05.02 @ 19:00:00

Tool Information

Drill Pipe:	Length: 3746.00 ft	Diameter: 3.80 inches	Volume: 52.55 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 121.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 52000.00 lb
			<u>Total Volume: 53.15 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3870.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	46.00 ft			
Tool Length:	71.00 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			3846.00	
Shut In Tool	5.00			3851.00	
Hydraulic tool	5.00			3856.00	
Jars	5.00			3861.00	
Packer	5.00			3866.00	25.00 Bottom Of Top Packer
Packer	4.00			3870.00	
Stubb	1.00			3871.00	
Recorder	0.00	8365	Inside	3871.00	
Recorder	0.00	8522	Outside	3871.00	
Perforations	9.00			3880.00	
Change Over Sub	1.00			3881.00	
Drill Pipe	31.00			3912.00	
Change Over Sub	1.00			3913.00	
Bullnose	3.00			3916.00	46.00 Bottom Packers & Anchor

Total Tool Length: 71.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc

7-14s-30w Gove,KS

4924 SE 84th St.
New ton, KS 67114

Brownie #1

Job Ticket: 57408

DST#: 2

ATTN: Sean Deenihan

Test Start: 2015.05.02 @ 19:00:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

38 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbl

Water Loss: 5.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 700.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
190.00	gmco 30g 30m 40o	1.563
470.00	go 35g 65o	6.593
0.00	650' GIP	0.000

Total Length: 660.00 ft

Total Volume: 8.156 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

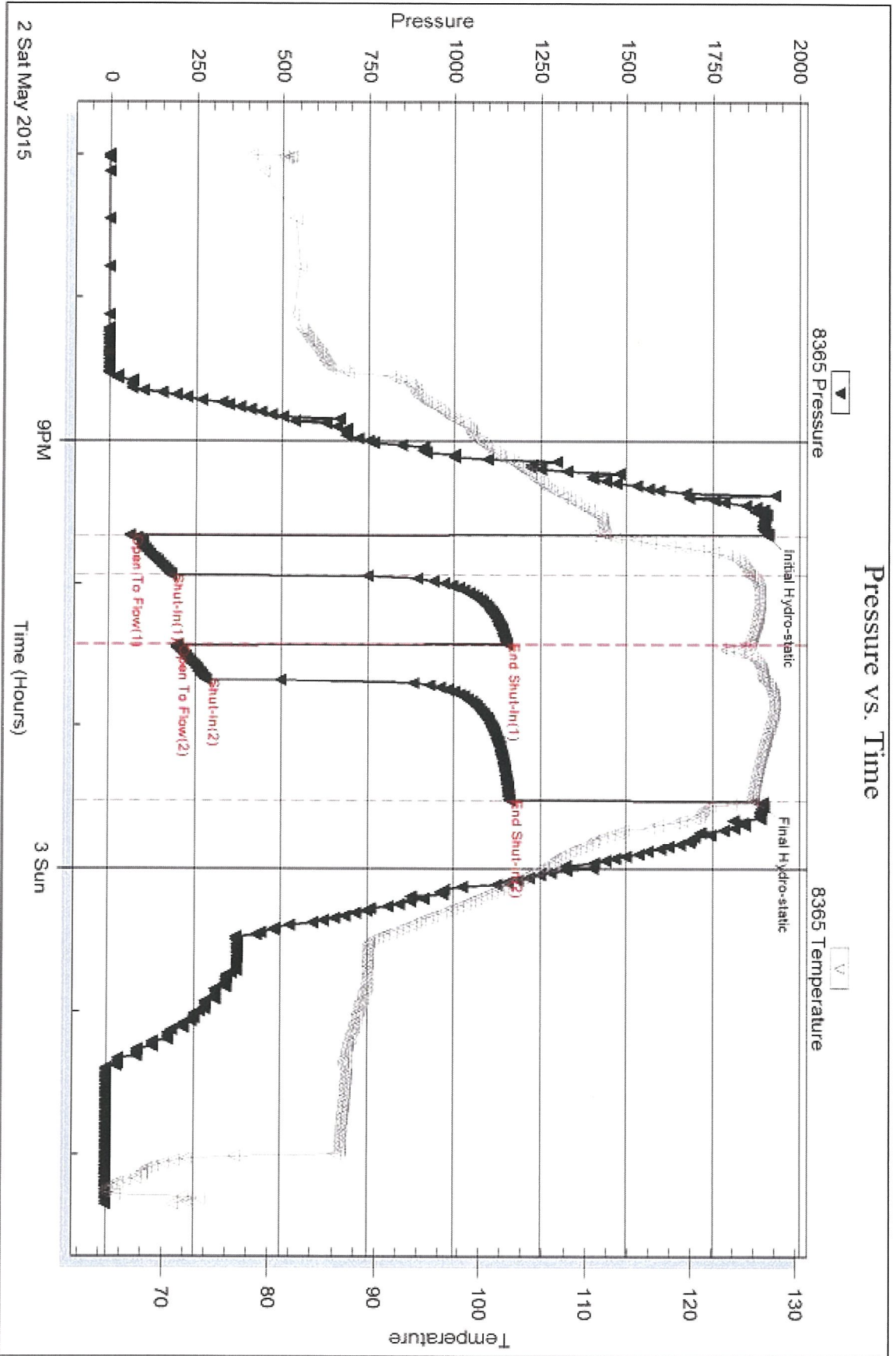
Serial #: 8365

Inside

Palominos Petroleum, Inc

Brow file #1

DST Test Number: 2



Tribble Testing, Inc

Ref. No: 57408

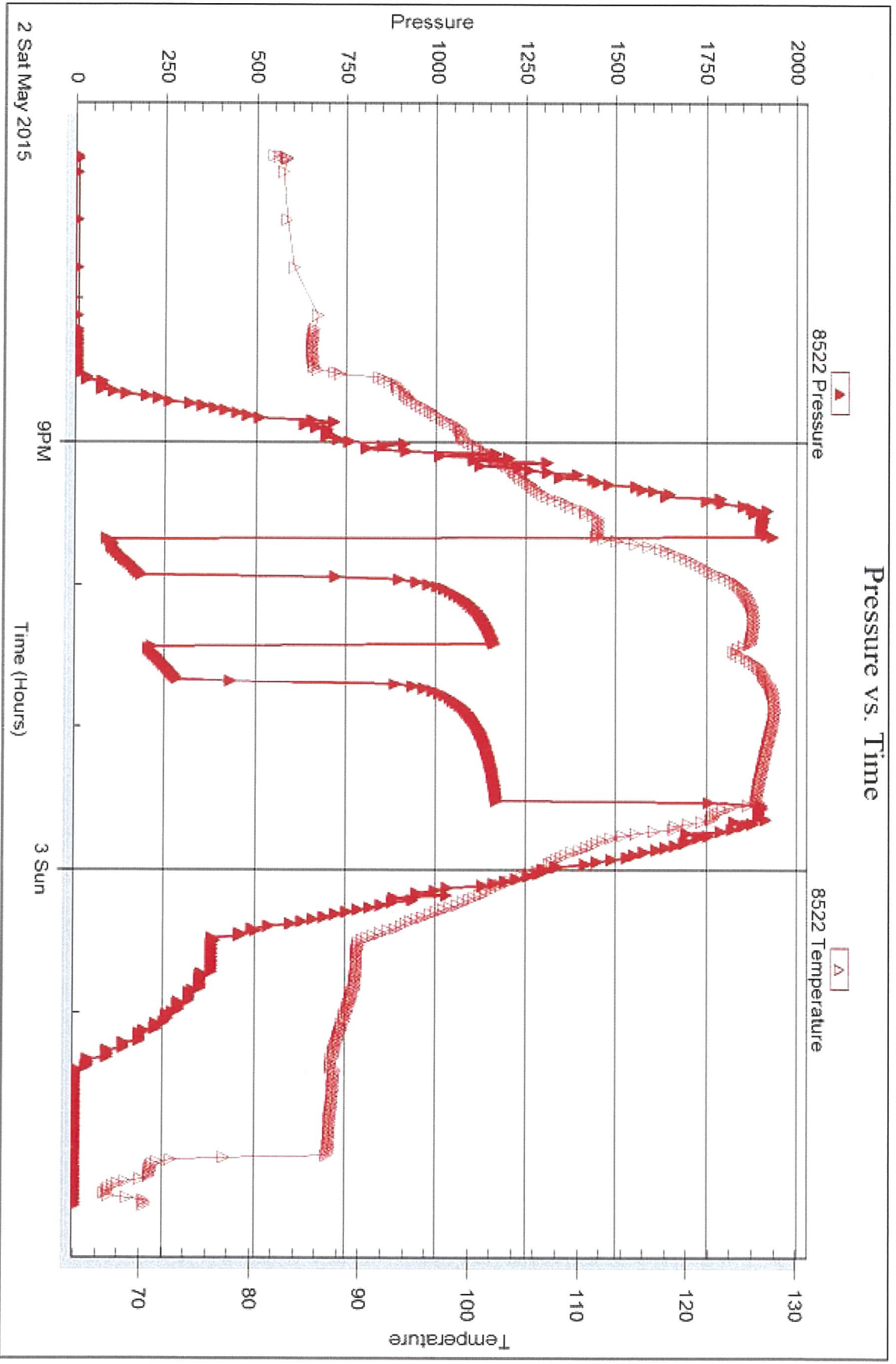
Printed: 2015.05.08 @ 14:19:02

Serial #: 8522

Outside Palomino Petroleum, Inc

Brown #1

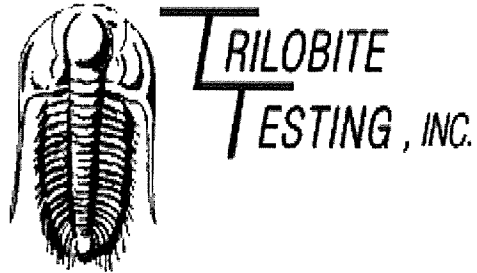
DST Test Number: 2



Tribble Testing, Inc

Ref. No: 57408

Printed: 2015.05.08 @ 14:19:02



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum, Inc**

4924 SE 84th St.
Newton, KS 67114

ATTN: Sean Deenihan

Brownie #1

7-14s-30w Gove,KS

Start Date: 2015.05.03 @ 10:06:00

End Date: 2015.05.03 @ 17:16:00

Job Ticket #: 57409 DST #: 3

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.05.08 @ 14:18:32



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum, Inc

7-14s-30w Gove,KS

4924 SE 84th St.
New ton, KS 67114

Brownie #1

Job Ticket: 57409

DST#: 3

ATTN: Sean Deenihan

Test Start: 2015.05.03 @ 10:06:00

GENERAL INFORMATION:

Formation: **LKC D-F**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:39:00

Time Test Ended: 17:16:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 69

Interval: **3920.00 ft (KB) To 3966.00 ft (KB) (TVD)**

Reference Elevations: 2765.00 ft (KB)

Total Depth: 3966.00 ft (KB) (TVD)

2760.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8365

Inside

Press@RunDepth: 308.35 psig @ 3921.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.05.03

End Date: 2015.05.03

Last Calib.: 2015.05.03

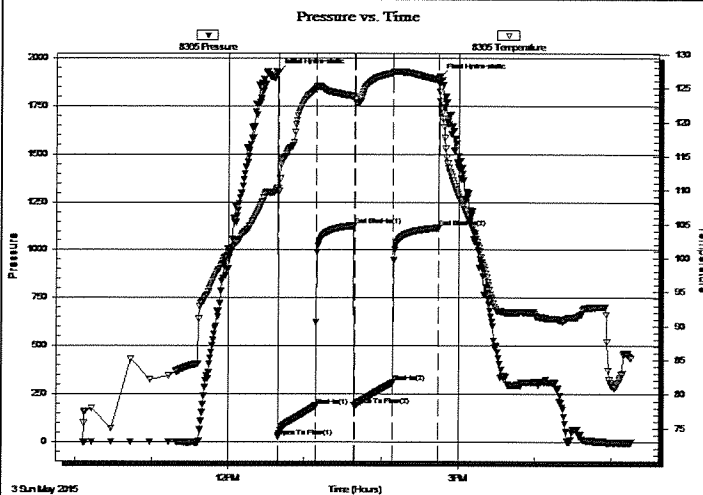
Start Time: 10:06:05

End Time: 17:15:59

Time On Btm: 2015.05.03 @ 12:38:45

Time Off Btm: 2015.05.03 @ 14:45:00

TEST COMMENT: IF: BOB @ 12 min.
IS: No return.
FF: BOB @ 13 min.
FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1926.31	110.32	Initial Hydro-static
1	23.67	109.65	Open To Flow (1)
30	186.73	124.88	Shut-In(1)
60	1127.12	123.75	End Shut-In(1)
60	187.87	123.29	Open To Flow (2)
91	308.35	127.19	Shut-In(2)
126	1115.81	126.19	End Shut-In(2)
127	1900.55	124.38	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
640.00	mcw 15m 85w (oil spots)	7.88

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum, Inc
4924 SE 84th St.
New ton, KS 67114
ATTN: Sean Deenihan

7-14s-30w Gove, KS

Brownie #1

Job Ticket: 57409 **DST#: 3**

Test Start: 2015.05.03 @ 10:06:00

GENERAL INFORMATION:

Formation: **LKC D-F**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:39:00

Time Test Ended: 17:16:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 69

Interval: **3920.00 ft (KB) To 3966.00 ft (KB) (TVD)**

Reference Elevations: 2765.00 ft (KB)

Total Depth: 3966.00 ft (KB) (TVD)

2760.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8522 Outside

Press@RunDepth: psig @ 3921.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.05.03 End Date: 2015.05.03

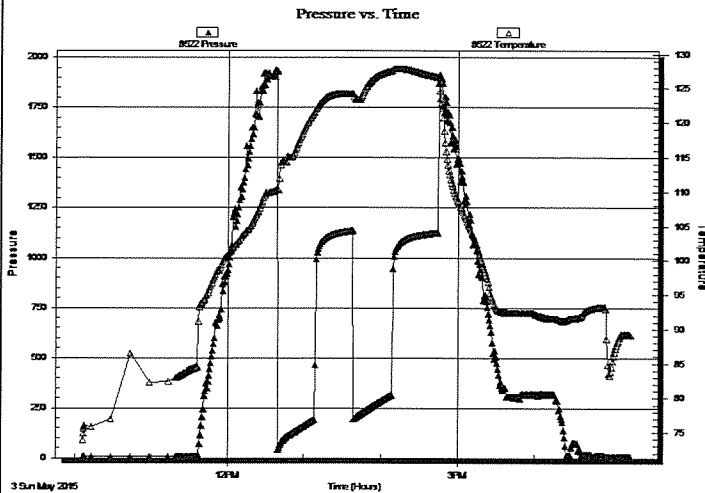
Last Calib.: 2015.05.03

Start Time: 10:06:05 End Time: 17:15:59

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: BOB @ 12 min.
IS: No return.
FF: BOB @ 13 min.
FS: No return.



PRESSURE SUMMARY

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

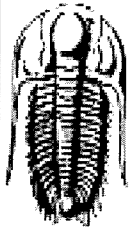
Recovery

Length (ft)	Description	Volume (bbl)
640.00	mcw 15m 85w (oil spots)	7.88

* 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, Inc

7-14s-30w Gove,KS

4924 SE 84th St.
New ton, KS 67114

Brownie #1

Job Ticket: 57409

DST#: 3

ATTN: Sean Deenihan

Test Start: 2015.05.03 @ 10:06:00

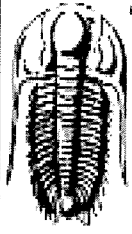
Tool Information

Drill Pipe:	Length: 3777.00 ft	Diameter: 3.80 inches	Volume: 52.98 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 121.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 53.58 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	3.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3920.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	46.00 ft			
Tool Length:	71.00 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			3896.00	
Shut In Tool	5.00			3901.00	
Hydraulic tool	5.00			3906.00	
Jars	5.00			3911.00	
Packer	5.00			3916.00	25.00 Bottom Of Top Packer
Packer	4.00			3920.00	
Stubb	1.00			3921.00	
Recorder	0.00	8365	Inside	3921.00	
Recorder	0.00	8522	Outside	3921.00	
Perforations	9.00			3930.00	
Change Over Sub	1.00			3931.00	
Drill Pipe	31.00			3962.00	
Change Over Sub	1.00			3963.00	
Bullnose	3.00			3966.00	46.00 Bottom Packers & Anchor

Total Tool Length: 71.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc

7-14s-30w Gove,KS

4924 SE 84th St.
New ton, KS 67114

Brownie #1

Job Ticket: 57409

DST#: 3

ATTN: Sean Deenihan

Test Start: 2015.05.03 @ 10:06:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 25000 ppm
Viscosity: 57.00 sec/qt	Cushion Volume: bbl	
Water Loss: 5.99 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 1800.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
640.00	mcw 15m 85w (oil spots)	7.875

Total Length: 640.00 ft Total Volume: 7.875 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: rw is .237 @ 85f = 25000ppm

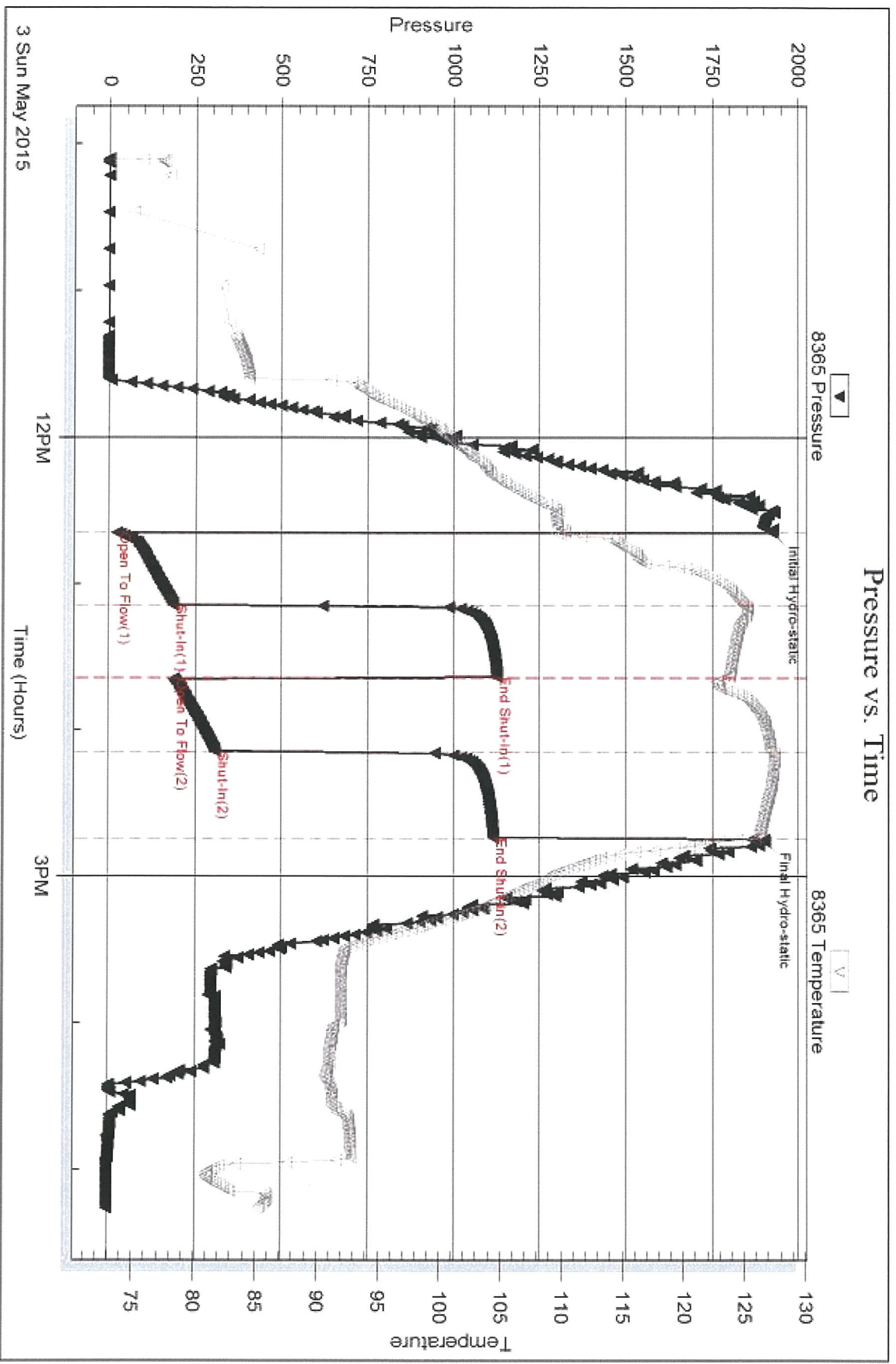
Serial #: 8365

Inside

Palomino Petroleum, Inc

Brow ne #1

DST Test Number: 3



Tribble Testing, Inc

Ref. No: 57409

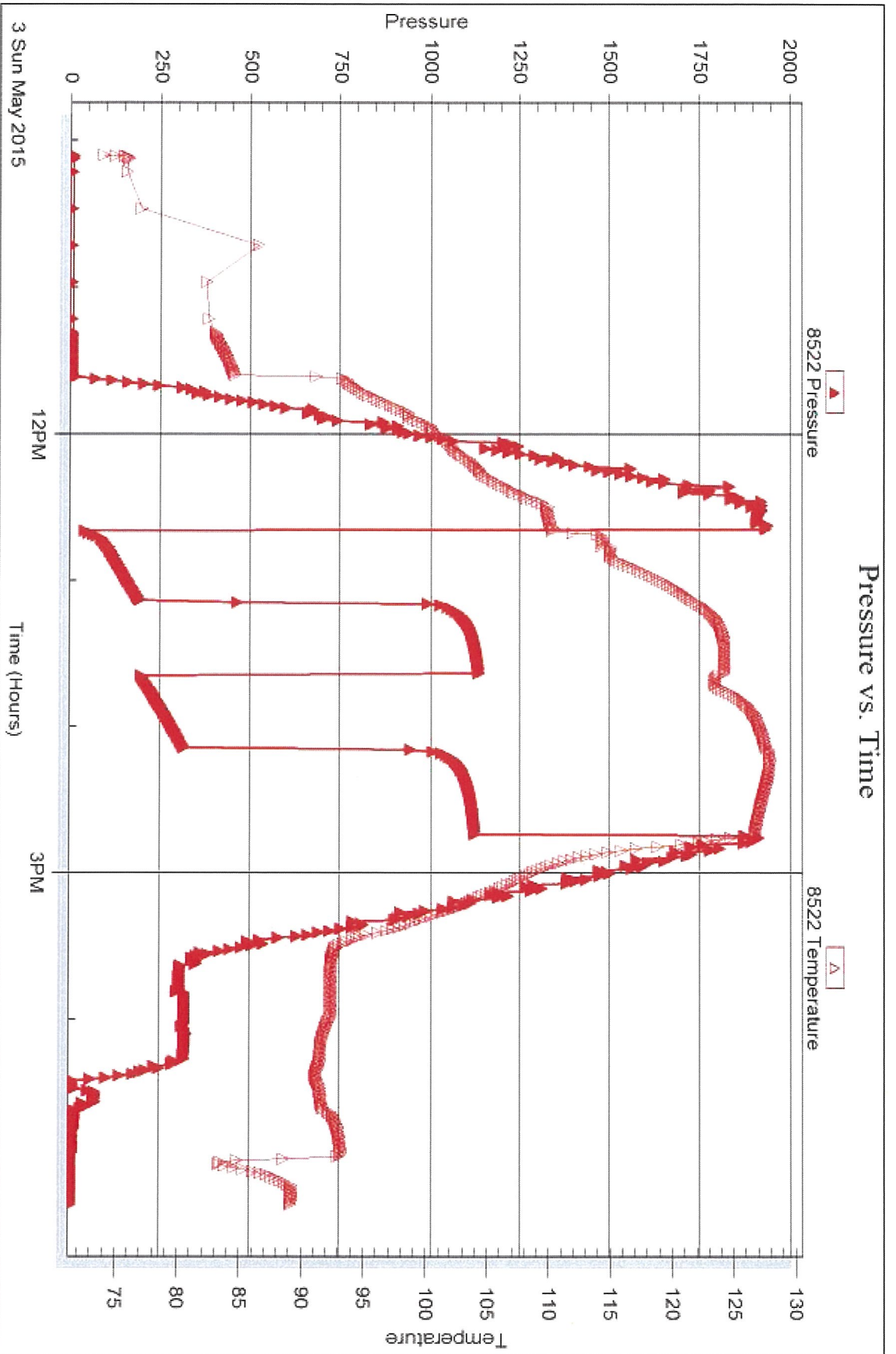
Printed: 2015 05 08 @ 14:18:33

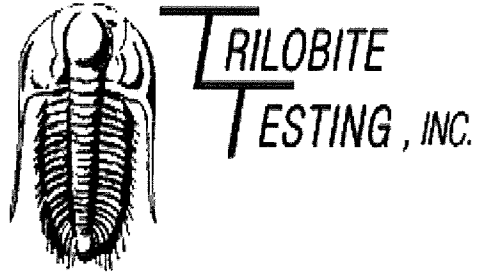
Serial #: 8522

Outside Palomino Petroleum, Inc

Brow ne #1

DST Test Number: 3





DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum, Inc**

4924 SE 84th St.
Newton, KS 67114

ATTN: Sean Deenihan

Brownie #1

7-14s-30w Gove,KS

Start Date: 2015.05.04 @ 04:08:00

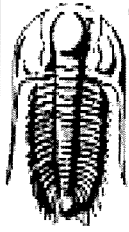
End Date: 2015.05.04 @ 10:52:45

Job Ticket #: 57410 DST #: 4

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.05.08 @ 14:18:09

Palomino Petroleum, Inc
7-14s-30w Gove,KS
Brownie #1
DST # 4
LKC H-I
2015.05.04



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum, Inc

7-14s-30w Gove, KS

4924 SE 84th St.
Newton, KS 67114

Brownie #1

Job Ticket: 57410

DST#: 4

ATTN: Sean Deenihan

Test Start: 2015.05.04 @ 04:08:00

GENERAL INFORMATION:

Formation: **LKC H-I**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:57:15

Time Test Ended: 10:52:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 69

Interval: **4000.00 ft (KB) To 4068.00 ft (KB) (TVD)**

Reference Elevations: 2765.00 ft (KB)

Total Depth: 4068.00 ft (KB) (TVD)

2760.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8365

Inside

Press@RunDepth: 443.02 psig @ 4001.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.05.04

End Date:

2015.05.04

Last Calib.: 1899.12.30

Start Time: 04:08:05

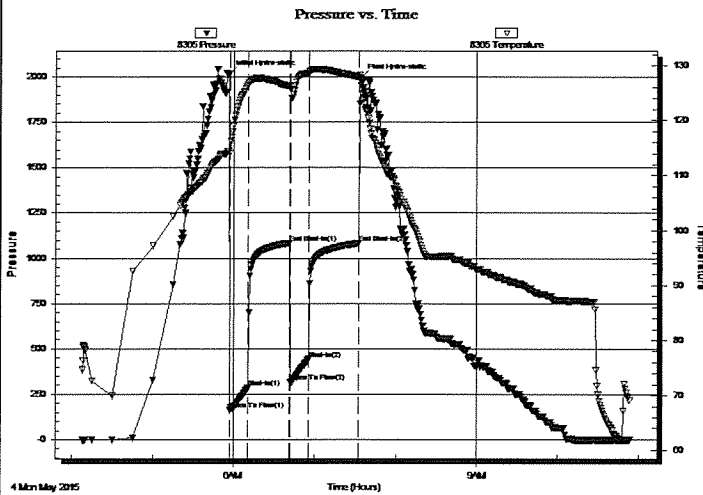
End Time:

10:52:44

Time On Btm: 2015.05.04 @ 05:56:45

Time Off Btm: 2015.05.04 @ 07:33:45

TEST COMMENT: IF: BOB @ 1 min.
IS: BOB @ 2 min.
FF: BOB @ open.
FSI: BOB and Gas to surface.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2013.98	114.47	Initial Hydro-static
1	162.08	114.13	Open To Flow (1)
15	287.31	126.52	Shut-In(1)
45	1083.98	126.20	End Shut-In(1)
46	318.66	125.60	Open To Flow (2)
60	443.02	128.65	Shut-In(2)
96	1083.57	127.90	End Shut-In(2)
97	1997.28	127.48	Final Hydro-static

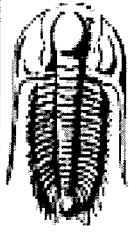
Recovery

Length (ft)	Description	Volume (bbl)
185.00	gmco 30g 35m 35o	1.49
885.00	go 40g 60o	12.41
0.00	Gas to surface on FSI	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, Inc

4924 SE 84th St.
Newton, KS 67114

ATTN: Sean Deenihan

7-14s-30w Gove, KS

Brownie #1

Job Ticket: 57410

DST#: 4

Test Start: 2015.05.04 @ 04:08:00

GENERAL INFORMATION:

Formation: LKC H-I

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:57:15

Time Test Ended: 10:52:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 69

Interval: 4000.00 ft (KB) To 4068.00 ft (KB) (TVD)

Total Depth: 4068.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2765.00 ft (KB)

2760.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8522 Outside

Press@RunDepth: psig @ 4001.00 ft (KB)

Start Date: 2015.05.04 End Date: 2015.05.04

Start Time: 04:08:05 End Time: 10:52:44

Capacity: 8000.00 psig

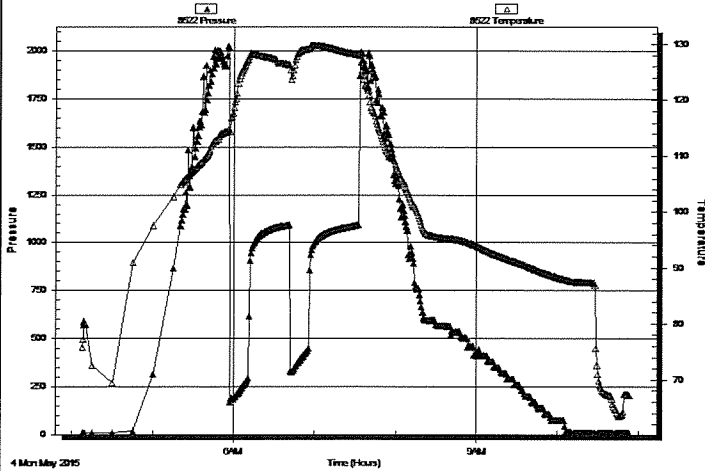
Last Calib.: 2015.05.04

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: BOB @ 1 min.
IS: BOB @ 2 min.
FF: BOB @ open.
FSI: BOB and Gas to surface.

Pressure vs. Time



PRESSURE SUMMARY

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

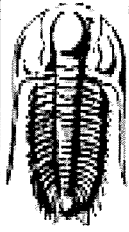
Recovery

Length (ft)	Description	Volume (bbl)
185.00	gmco 30g 35m 35o	1.49
885.00	go 40g 60o	12.41
0.00	Gas to surface on FSI	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, Inc

7-14s-30w Gove,KS

4924 SE 84th St.
New ton, KS 67114

Brownie #1

Job Ticket: 57410

DST#: 4

ATTN: Sean Deenihan

Test Start: 2015.05.04 @ 04:08:00

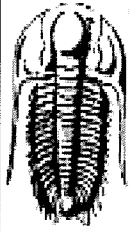
Tool Information

Drill Pipe:	Length: 3871.00 ft	Diameter: 3.80 inches	Volume: 54.30 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 121.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 54.90 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 39000.00 lb
Depth to Top Packer:	4000.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	68.00 ft			
Tool Length:	93.00 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			3976.00	
Shut In Tool	5.00			3981.00	
Hydraulic tool	5.00			3986.00	
Jars	5.00			3991.00	
Packer	5.00			3996.00	25.00 Bottom Of Top Packer
Packer	4.00			4000.00	
Stubb	1.00			4001.00	
Recorder	0.00	8365	Inside	4001.00	
Recorder	0.00	8522	Outside	4001.00	
Perforations	31.00			4032.00	
Change Over Sub	1.00			4033.00	
Drill Pipe	31.00			4064.00	
Change Over Sub	1.00			4065.00	
Bullnose	3.00			4068.00	68.00 Bottom Packers & Anchor

Total Tool Length: 93.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc

7-14s-30w Gove,KS

4924 SE 84th St.
New ton, KS 67114

Brownie #1

Job Ticket: 57410

DST#: 4

ATTN: Sean Deenihan

Test Start: 2015.05.04 @ 04:08:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 59.00 sec/qt
Water Loss: 5.99 in³
Resistivity: ohm.m
Salinity: 1900.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: 40 deg API
Water Salinity: 0 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
185.00	gmco 30g 35m 35o	1.493
885.00	go 40g 60o	12.414
0.00	Gas to surface on FSI	0.000

Total Length: 1070.00 ft Total Volume: 13.907 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

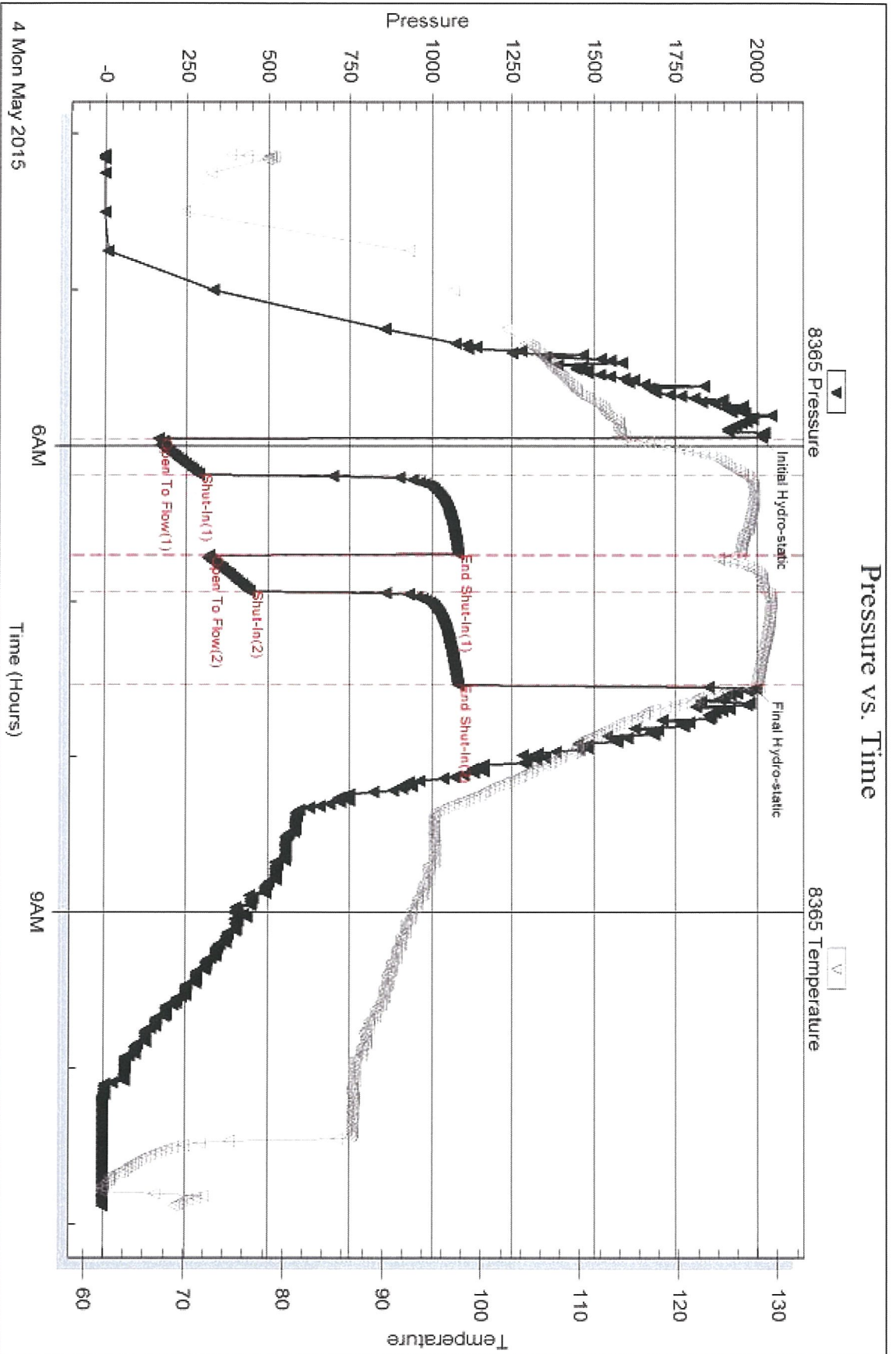
Serial #: 8365

Inside

Palomino Petroleum, Inc

Brow no #1

DST Test Number: 4

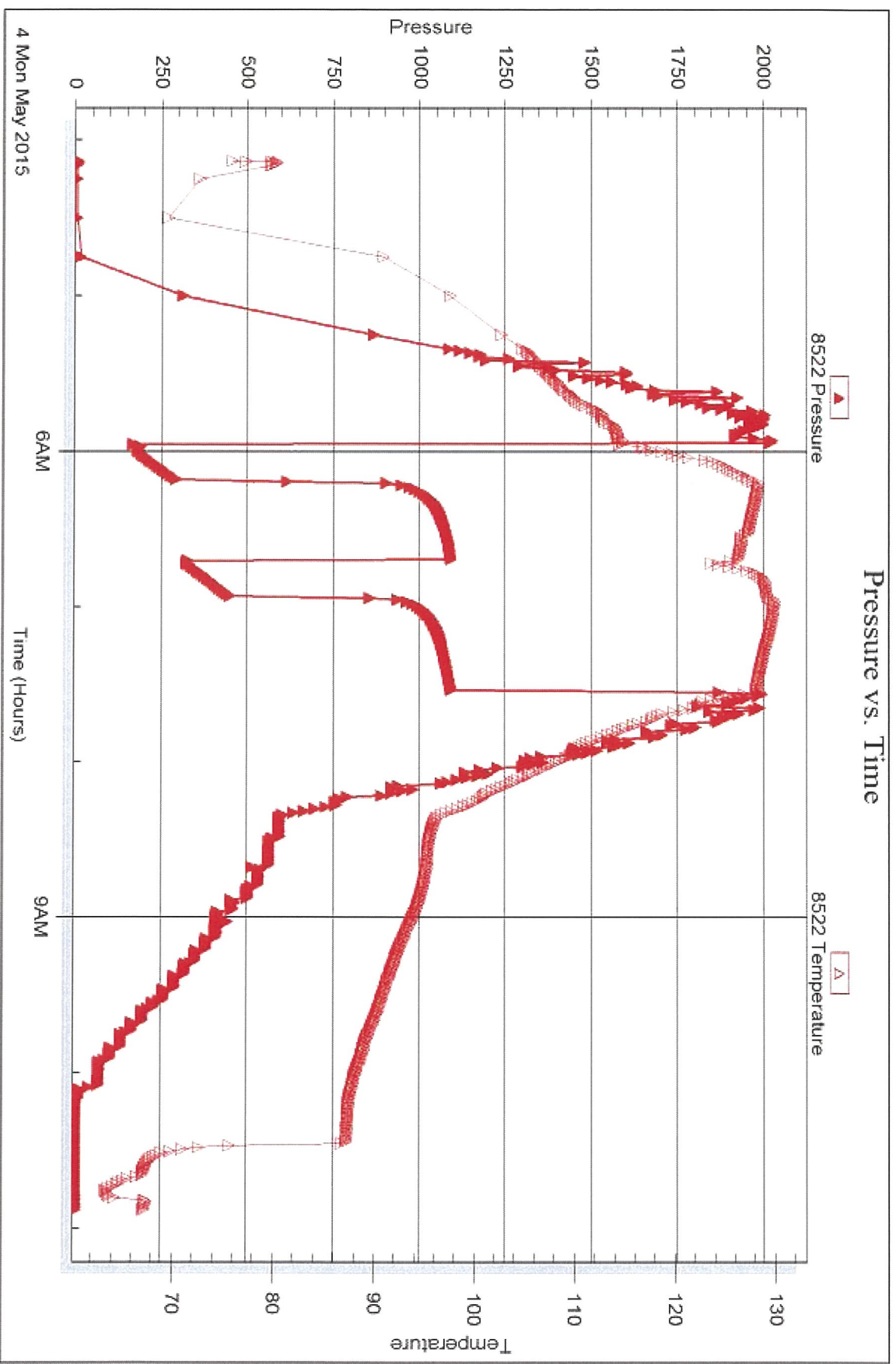


Serial #: 8522

Outside Palomino Petroleum, Inc

Brown #1

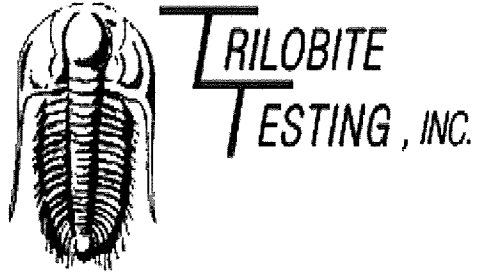
DST Test Number: 4



Triobite Testing, Inc

Ref. No: 57410

Printed: 2015.05.08 @ 14:18:10



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum, Inc**

4924 SE 84th St.
Newton, KS 67114

ATTN: Sean Deenihan

Brownie #1

7-14s-30w Gove,KS

Start Date: 2015.05.04 @ 18:38:00

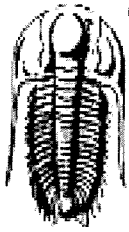
End Date: 2015.05.05 @ 00:46:15

Job Ticket #: 57411 DST #: 5

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.05.08 @ 14:17:45

Palomino Petroleum, Inc
7-14s-30w Gove,KS
Brownie #1
DST # 5
LKC K
2015.05.04



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Palomino Petroleum, Inc

7-14s-30w Gove,KS

4924 SE 84th St.
Newton, KS 67114

Brownie #1

Job Ticket: 57411

DST#: 5

ATTN: Sean Deenihan

Test Start: 2015.05.04 @ 18:38:00

GENERAL INFORMATION:

Formation: **LKC K**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:34:00

Time Test Ended: 00:46:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 69

Interval: **4085.00 ft (KB) To 4126.00 ft (KB) (TVD)**

Reference Elevations: 2765.00 ft (KB)

Total Depth: 4126.00 ft (KB) (TVD)

2760.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8365

Inside

Press@RunDepth: 95.32 psig @ 4086.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.05.04

End Date:

2015.05.05

Last Calib.: 2015.05.05

Start Time: 18:38:05

End Time:

00:46:14

Time On Btm: 2015.05.04 @ 20:33:30

Time Off Btm: 2015.05.04 @ 22:39:15

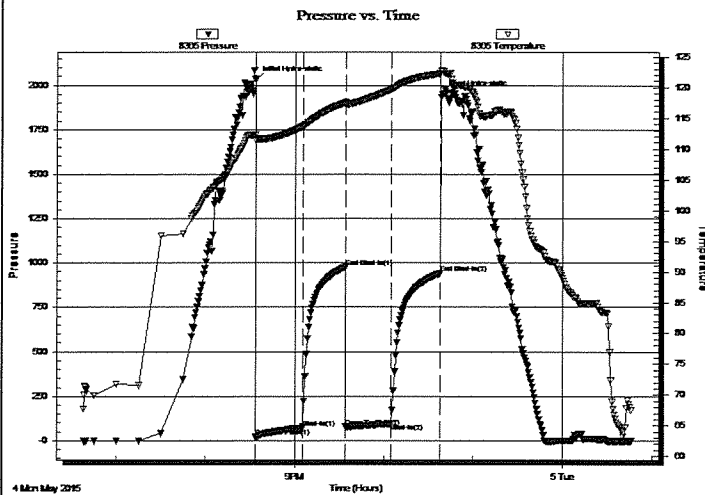
TEST COMMENT:

IF: 4" blow.

IS: No return.

FF: 3" blow.

FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2031.46	112.22	Initial Hydro-static
1	20.63	111.38	Open To Flow (1)
32	71.81	113.65	Shut-In(1)
61	976.76	117.51	End Shut-In(1)
61	78.06	117.19	Open To Flow (2)
92	95.32	119.69	Shut-In(2)
125	943.12	122.26	End Shut-In(2)
126	1949.65	122.80	Final Hydro-static

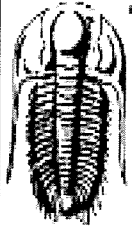
Recovery

Length (ft)	Description	Volume (bbl)
165.00	mcw 40m 60w (oil spots)	1.21

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum, Inc

7-14s-30w Gove, KS

4924 SE 84th St.
New ton, KS 67114

Brownie #1

Job Ticket: 57411

DST#: 5

ATTN: Sean Deenihan

Test Start: 2015.05.04 @ 18:38:00

GENERAL INFORMATION:

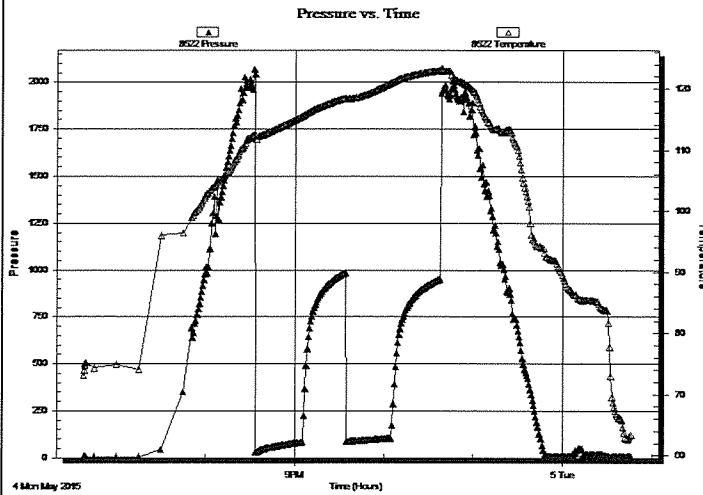
Formation: **LKC K**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 20:34:00
 Time Test Ended: 00:46:15
 Interval: **4085.00 ft (KB) To 4126.00 ft (KB) (TVD)**
 Total Depth: 4126.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Bradley Walter
 Unit No: 69
 Reference Elevations: 2765.00 ft (KB)
 2760.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8522

Outside

Press@RunDepth: psig @ 4086.00 ft (KB)
 Start Date: 2015.05.04 End Date: 2015.05.05
 Start Time: 18:38:05 End Time: 00:46:14
 Capacity: 8000.00 psig
 Last Calib.: 2015.05.05
 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: 4" blow.
 IS: No return.
 FF: 3" blow.
 FS: No return.



PRESSURE SUMMARY

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

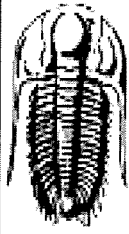
Recovery

Length (ft)	Description	Volume (bbl)
165.00	mcw 40m 60w (oil spots)	1.21

* 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, Inc

7-14s-30w Gove,KS

4924 SE 84th St.
New ton, KS 67114

Brownie #1

Job Ticket: 57411

DST#: 5

ATTN: Sean Deenihan

Test Start: 2015.05.04 @ 18:38:00

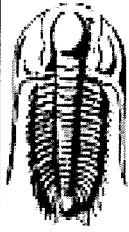
Tool Information

Drill Pipe:	Length: 3964.00 ft	Diameter: 3.80 inches	Volume: 55.60 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 121.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 56.20 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 39000.00 lb
Depth to Top Packer:	4085.00 ft			Final 39000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	41.00 ft			
Tool Length:	66.00 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			4061.00	
Shut In Tool	5.00			4066.00	
Hydraulic tool	5.00			4071.00	
Jars	5.00			4076.00	
Packer	5.00			4081.00	25.00 Bottom Of Top Packer
Packer	4.00			4085.00	
Stubb	1.00			4086.00	
Recorder	0.00	8365	Inside	4086.00	
Recorder	0.00	8522	Outside	4086.00	
Perforations	4.00			4090.00	
Change Over Sub	1.00			4091.00	
Drill Pipe	31.00			4122.00	
Change Over Sub	1.00			4123.00	
Bullnose	3.00			4126.00	41.00 Bottom Packers & Anchor

Total Tool Length: 66.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc

7-14s-30w Gove,KS

4924 SE 84th St.
New ton, KS 67114

Brownie #1

Job Ticket: 57411

DST#: 5

ATTN: Sean Deenihan

Test Start: 2015.05.04 @ 18:38:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 32000 ppm
Viscosity: 59.00 sec/qt	Cushion Volume: bbl	
Water Loss: 5.99 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 1900.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
165.00	mcw 40m 60w (oil spots)	1.212

Total Length: 165.00 ft Total Volume: 1.212 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: rw is .270 @ 63f = 32,000ppm

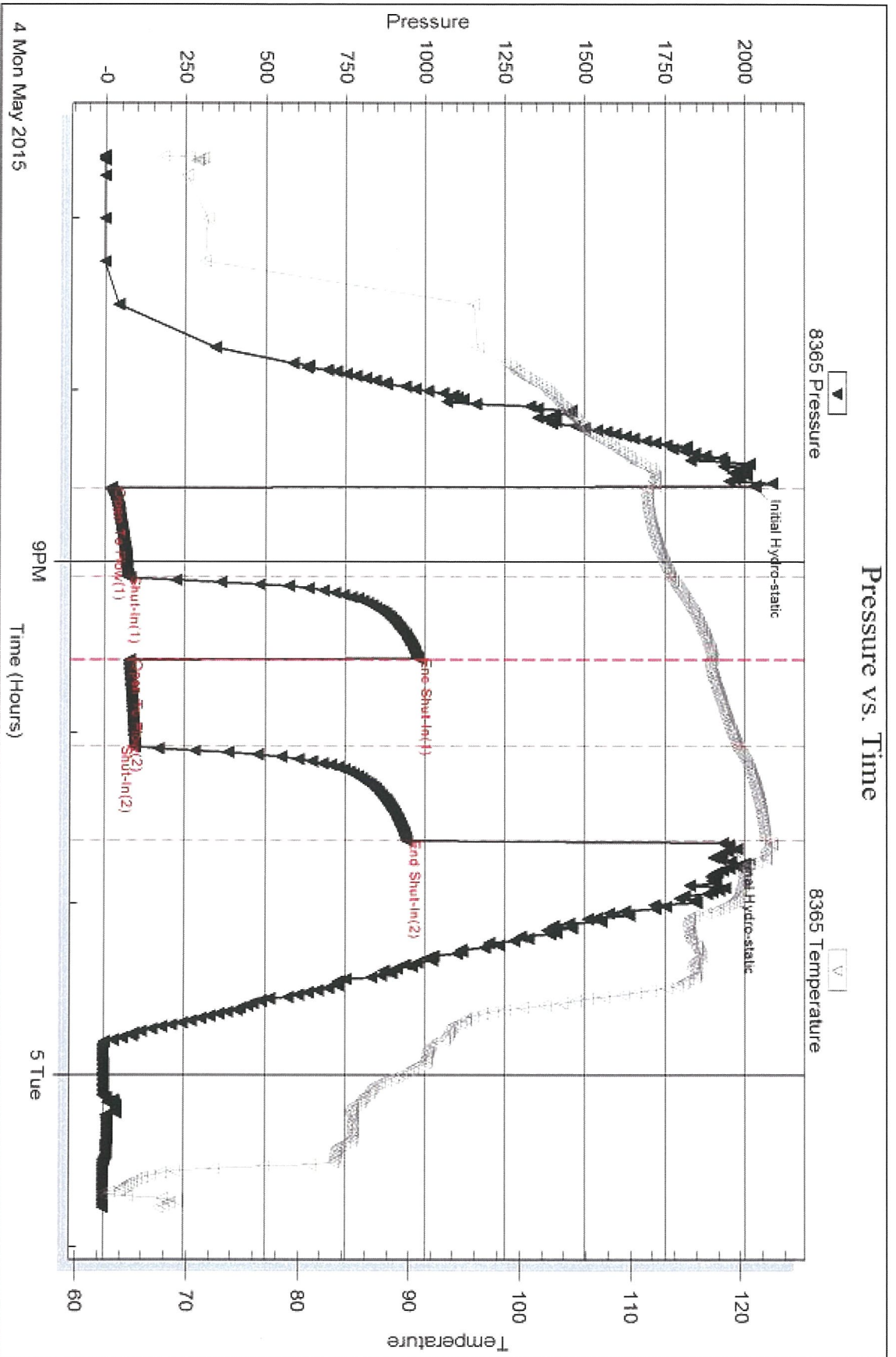
Serial #: 8365

Inside

Palomino Petroleum, Inc

Brown #1

DST Test Number: 5

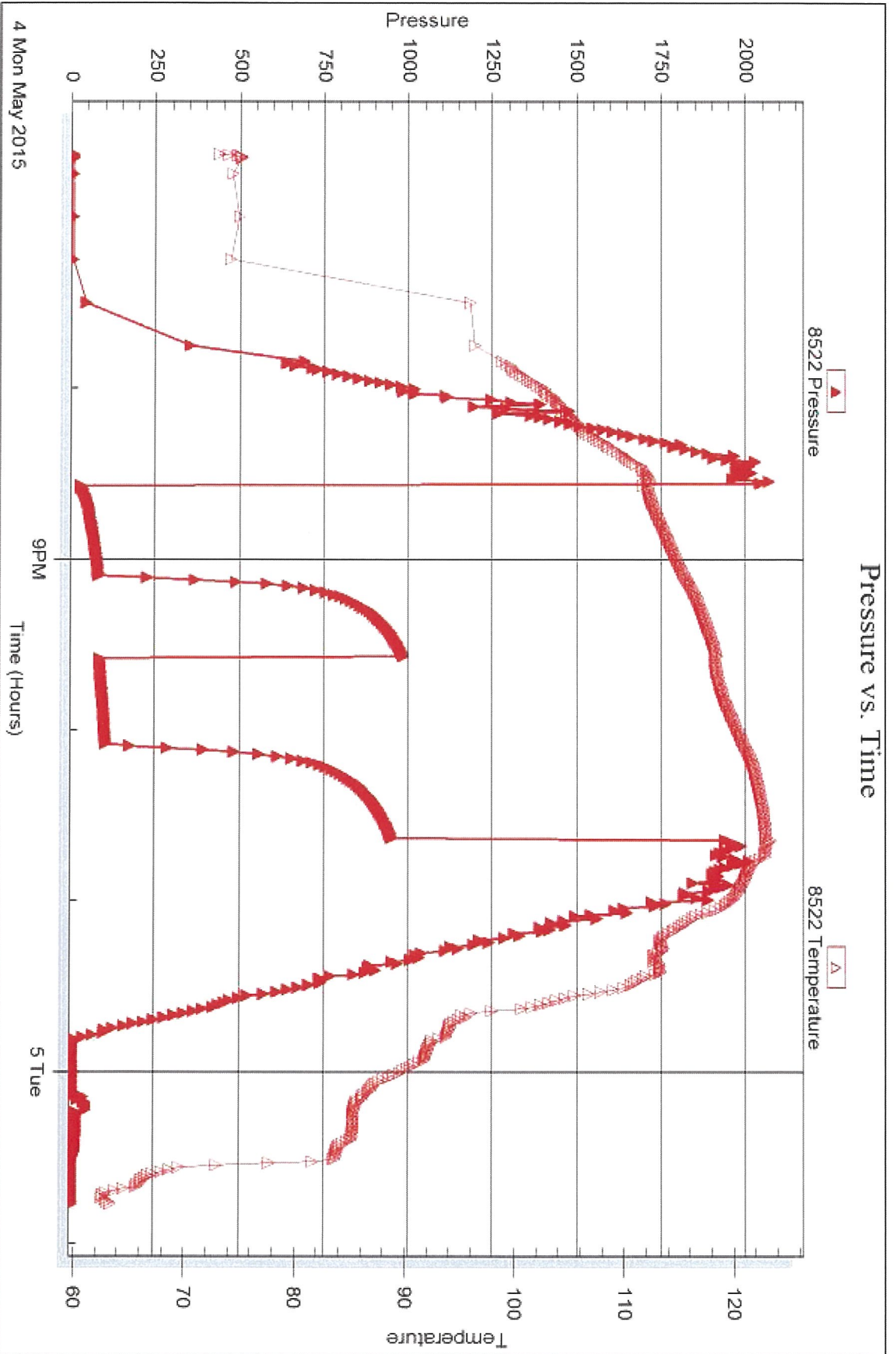


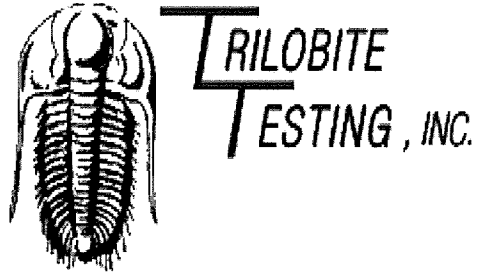
Serial #: 8522

Outside Palomino Petroleum, Inc

Brown #1

DST Test Number: 5





DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum, Inc**

4924 SE 84th St.
Newton, KS 67114

ATTN: Sean Deenihan

Brownie #1

7-14s-30w Gove,KS

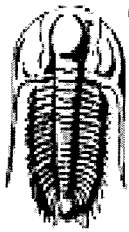
Start Date: 2015.05.05 @ 19:37:00

End Date: 2015.05.06 @ 02:25:30

Job Ticket #: 57412 DST #: 6

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.05.08 @ 14:17:23



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum, Inc

7-14s-30w Gove,KS

4924 SE 84th St.
Newton, KS 67114

Brownie #1

Job Ticket: 57412

DST#: 6

ATTN: Sean Deenihan

Test Start: 2015.05.05 @ 19:37:00

GENERAL INFORMATION:

Formation: **Myric Station**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:04:15

Time Test Ended: 02:25:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 69

Interval: **4287.00 ft (KB) To 4340.00 ft (KB) (TVD)**

Reference Elevations: 2765.00 ft (KB)

Total Depth: 4340.00 ft (KB) (TVD)

2760.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8365

Inside

Press@RunDepth: 52.15 psig @ 4288.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.05.05 End Date: 2015.05.06

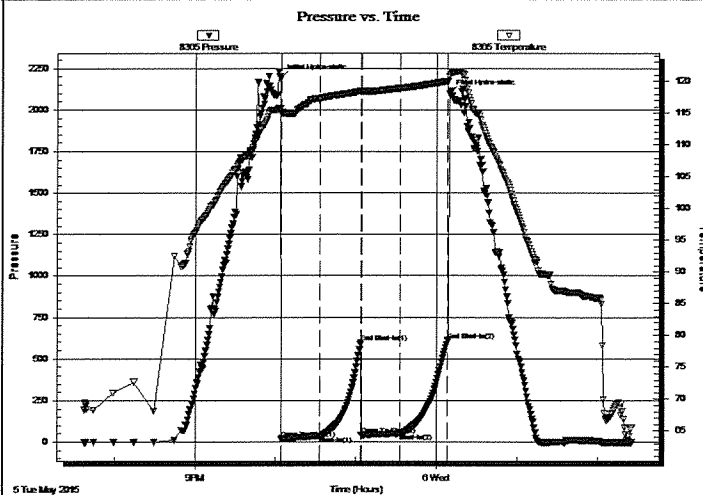
Last Calib.: 2015.05.06

Start Time: 19:37:05 End Time: 02:25:29

Time On Btm: 2015.05.05 @ 22:03:30

Time Off Btm: 2015.05.06 @ 00:09:45

TEST COMMENT: IF: 4" blow.
IS: No return.
FF: 7" blow.
FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2188.69	115.73	Initial Hydro-static
1	19.56	114.86	Open To Flow (1)
30	35.98	117.16	Shut-In(1)
60	596.88	118.45	End Shut-In(1)
61	39.94	118.37	Open To Flow (2)
90	52.15	118.94	Shut-In(2)
125	612.33	120.09	End Shut-In(2)
127	2099.02	120.74	Final Hydro-static

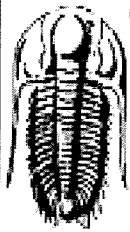
Recovery

Length (ft)	Description	Volume (bbl)
75.00	gocm 20g 30o 50m	0.37
15.00	oil 100o	0.07

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Palomino Petroleum, Inc

7-14s-30w Gove, KS

4924 SE 84th St.
Newton, KS 67114

Brownie #1

Job Ticket: 57412

DST#: 6

ATTN: Sean Deenihan

Test Start: 2015.05.05 @ 19:37:00

GENERAL INFORMATION:

Formation: **Myric Station**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:04:15

Time Test Ended: 02:25:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 69

Interval: 4287.00 ft (KB) To 4340.00 ft (KB) (TVD)

Total Depth: 4340.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2765.00 ft (KB)

2760.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8522

Outside

Press@RunDepth: psig @ 4288.00 ft (KB)

Start Date: 2015.05.05 End Date: 2015.05.06

Start Time: 19:37:05 End Time: 02:25:29

Capacity: 8000.00 psig

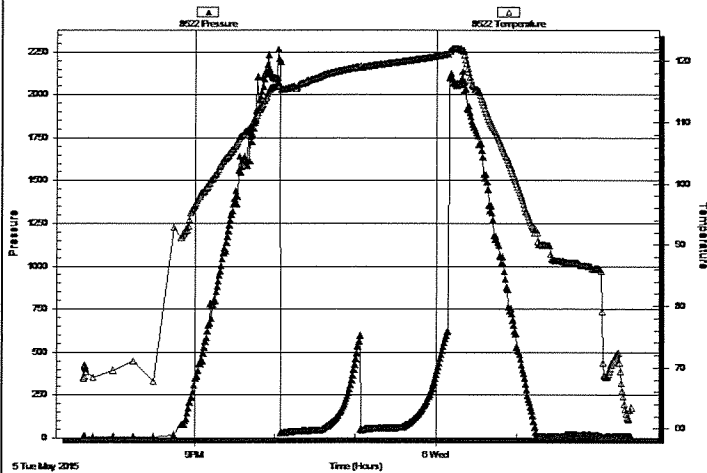
Last Calib.: 1899.12.30

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: 4" blow .
IS: No return.
FF: 7" blow .
FS: No return.

Pressure vs. Time



PRESSURE SUMMARY

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

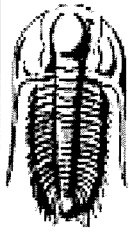
Recovery

Length (ft)	Description	Volume (bbl)
75.00	gocm 20g 30o 50m	0.37
15.00	oil 100o	0.07

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum, Inc

7-14s-30w Gove, KS

4924 SE 84th St.
New ton, KS 67114

Brownie #1

Job Ticket: 57412

DST#: 6

ATTN: Sean Deenihan

Test Start: 2015.05.05 @ 19:37:00

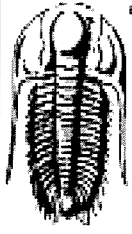
Tool Information

Drill Pipe:	Length: 4153.00 ft	Diameter: 3.80 inches	Volume: 58.26 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 121.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 58.86 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	4287.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	53.00 ft			
Tool Length:	78.00 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			4263.00	
Shut In Tool	5.00			4268.00	
Hydraulic tool	5.00			4273.00	
Jars	5.00			4278.00	
Packer	5.00			4283.00	25.00 Bottom Of Top Packer
Packer	4.00			4287.00	
Stubb	1.00			4288.00	
Recorder	0.00	8365	Inside	4288.00	
Recorder	0.00	8522	Outside	4288.00	
Perforations	16.00			4304.00	
Change Over Sub	1.00			4305.00	
Drill Pipe	31.00			4336.00	
Change Over Sub	1.00			4337.00	
Bullnose	3.00			4340.00	53.00 Bottom Packers & Anchor

Total Tool Length: 78.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc

7-14s-30w Gove,KS

4924 SE 84th St.
New ton, KS 67114

Brownie #1

Job Ticket: 57412

DST#: 6

ATTN: Sean Deenihan

Test Start: 2015.05.05 @ 19:37:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

35 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbl

Water Loss: 5.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
75.00	gocm 20g 30o 50m	0.369
15.00	oil 100o	0.074

Total Length: 90.00 ft Total Volume: 0.443 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

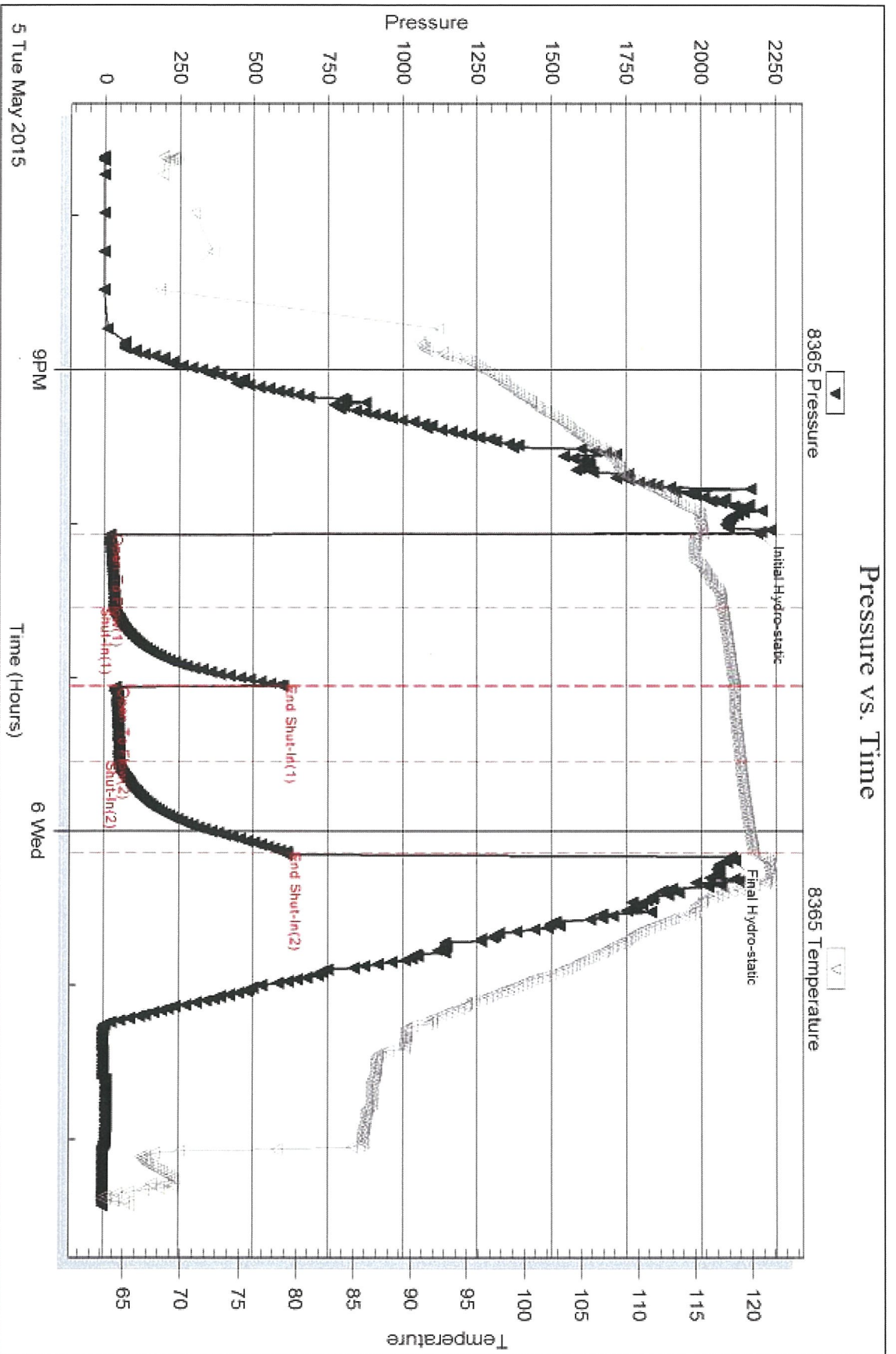
Serial #: 8365

Inside

Palomino Petroleum, Inc

Brown #1

DST Test Number: 6

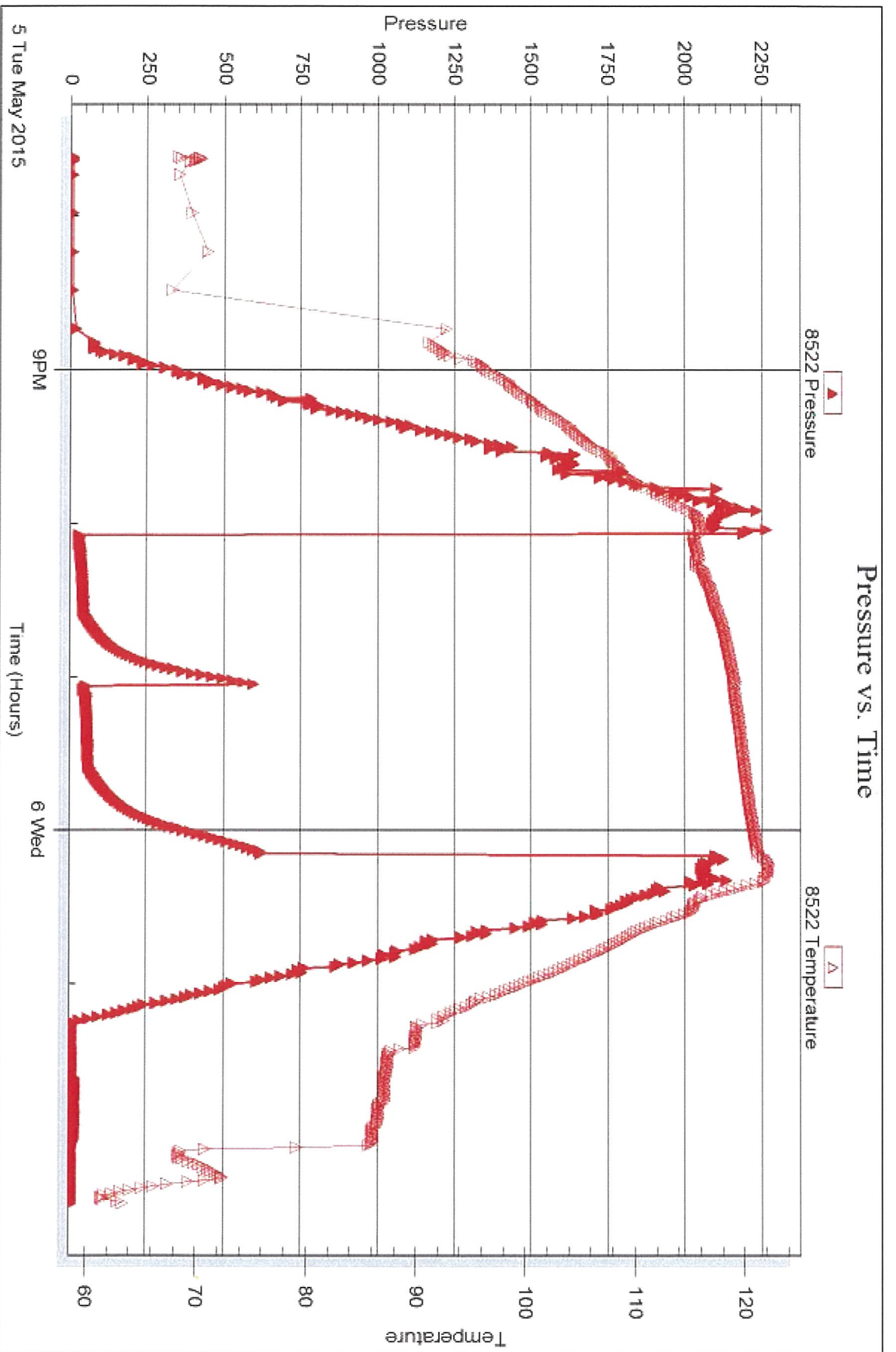


Serial #: 8522

Outside Palomino Petroleum, Inc

Blow no #1

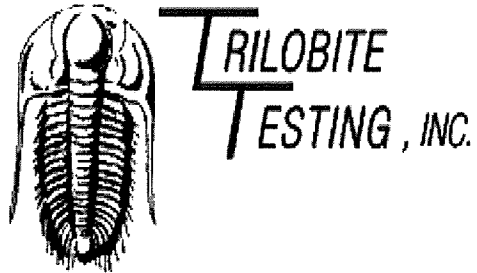
DST Test Number: 6



Triobite Testing, Inc

Ref. No: 57412

Printed: 2015.05.08 @ 14:17:24



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum, Inc**

4924 SE 84th St.
Newton, KS 67114

ATTN: Sean Deenihan

Brownie #1

7-14s-30w Gove,KS

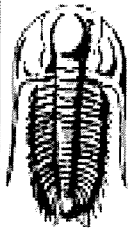
Start Date: 2015.05.06 @ 14:10:00

End Date: 2015.05.06 @ 21:51:00

Job Ticket #: 57413 DST #: 7

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.05.08 @ 14:16:34



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum, Inc

7-14s-30w Gove,KS

4924 SE 84th St.
New ton, KS 67114

Brownie #1

Job Ticket: 57413

DST#: 7

ATTN: Sean Deenihan

Test Start: 2015.05.06 @ 14:10:00

GENERAL INFORMATION:

Formation: **Johnson - Ft Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:11:15

Time Test Ended: 21:51:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 69

Interval: **4334.00 ft (KB) To 4436.00 ft (KB) (TVD)**

Reference Elevations: 2765.00 ft (KB)

Total Depth: 4436.00 ft (KB) (TVD)

2760.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8365

Inside

Press@RunDepth: 477.72 psig @ 4335.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.05.06

End Date: 2015.05.06

Last Calib.: 2015.05.06

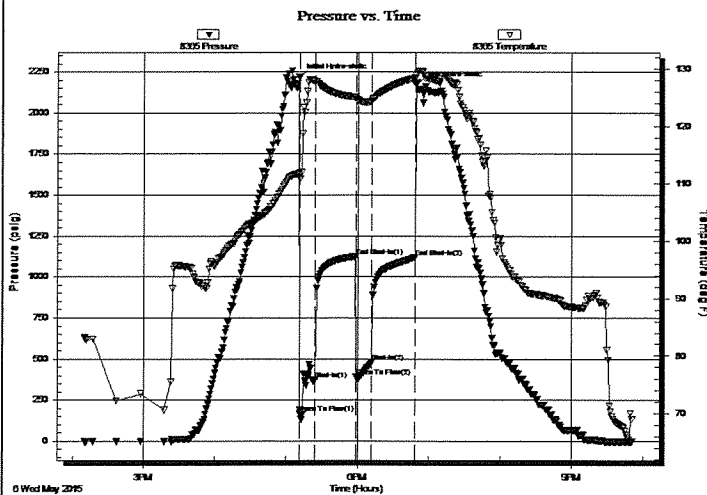
Start Time: 14:10:05

End Time: 21:50:59

Time On Btm: 2015.05.06 @ 17:11:00

Time Off Btm: 2015.05.06 @ 18:48:45

TEST COMMENT: IF: BOB @ 2 min.
IS: 4" return.
FF: BOB @ 1 min.
FS: 7" return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2216.18	111.88	Initial Hydro-static
1	168.66	110.82	Open To Flow (1)
14	376.22	127.81	Shut-In(1)
48	1124.08	125.01	End Shut-In(1)
48	390.17	124.71	Open To Flow (2)
61	477.72	124.40	Shut-In(2)
98	1121.50	128.39	End Shut-In(2)
98	2169.07	128.89	Final Hydro-static

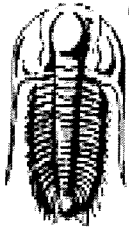
Recovery

Length (ft)	Description	Volume (bbl)
120.00	gmco30g 20m 50o	0.59
770.00	gsmco 30g 5m 650	10.79
150.00	gmco 30g 30m 40o	2.10
0.00	1100' 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, Inc

7-14s-30w Gove,KS

4924 SE 84th St.
Newton, KS 67114

Brownie #1

Job Ticket: 57413

DST#: 7

ATTN: Sean Deenihan

Test Start: 2015.05.06 @ 14:10:00

GENERAL INFORMATION:

Formation: **Johnson - Ft Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:11:15

Time Test Ended: 21:51:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 69

Interval: **4334.00 ft (KB) To 4436.00 ft (KB) (TVD)**

Total Depth: 4436.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2765.00 ft (KB)

2760.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8522 Outside

Press@RunDepth: psig @ 4335.00 ft (KB)

Start Date: 2015.05.06

End Date: 2015.05.06

Capacity: 8000.00 psig

Last Calib.: 2015.05.06

Start Time: 14:10:05

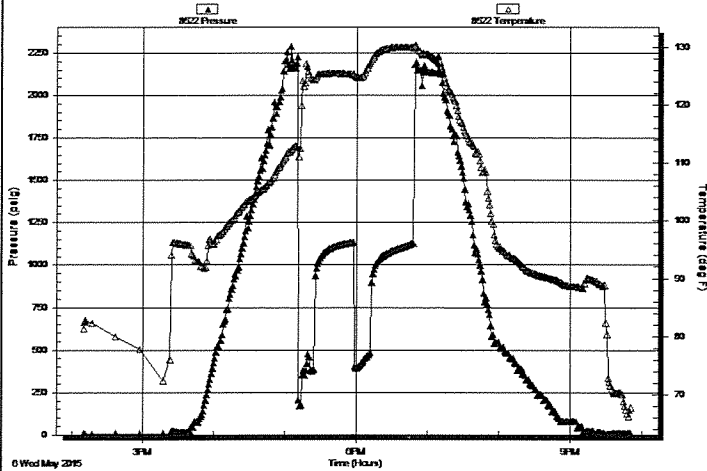
End Time: 21:50:59

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: BOB @ 2 min.
IS: 4" return.
FF: BOB @ 1 min.
FS: 7" return.

Pressure vs. Time



PRESSURE SUMMARY

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

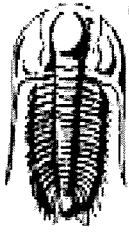
Recovery

Length (ft)	Description	Volume (bbl)
120.00	gmco30g 20m 50o	0.59
770.00	gsmco 30g 5m 650	10.79
150.00	gmco 30g 30m 40o	2.10
0.00	1100' 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, Inc

7-14s-30w Gove,KS

4924 SE 84th St.
New ton, KS 67114

Brownie #1

Job Ticket: 57413

DST#: 7

ATTN: Sean Deenihan

Test Start: 2015.05.06 @ 14:10:00

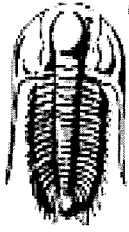
Tool Information

Drill Pipe:	Length: 4213.00 ft	Diameter: 3.80 inches	Volume: 59.10 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 121.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 59.70 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	4334.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	102.00 ft			
Tool Length:	127.00 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			4310.00	
Shut In Tool	5.00			4315.00	
Hydraulic tool	5.00			4320.00	
Jars	5.00			4325.00	
Packer	5.00			4330.00	25.00 Bottom Of Top Packer
Packer	4.00			4334.00	
Stubb	1.00			4335.00	
Recorder	0.00	8365	Inside	4335.00	
Recorder	0.00	8522	Outside	4335.00	
Perforations	2.00			4337.00	
Change Over Sub	1.00			4338.00	
Drill Pipe	94.00			4432.00	
Change Over Sub	1.00			4433.00	
Bullnose	3.00			4436.00	102.00 Bottom Packers & Anchor

Total Tool Length: 127.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc

7-14s-30w Gove,KS

4924 SE 84th St.
Newton, KS 67114

Brownie #1

Job Ticket: 57413

DST#: 7

ATTN: Sean Deenihan

Test Start: 2015.05.06 @ 14:10:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

30 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbl

Water Loss: 5.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1900.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	gmco30g 20m 50o	0.590
770.00	gsmco 30g 5m 650	10.792
150.00	gmco 30g 30m 40o	2.104
0.00	1100' GIP	0.000

Total Length: 1040.00 ft Total Volume: 13.486 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8365

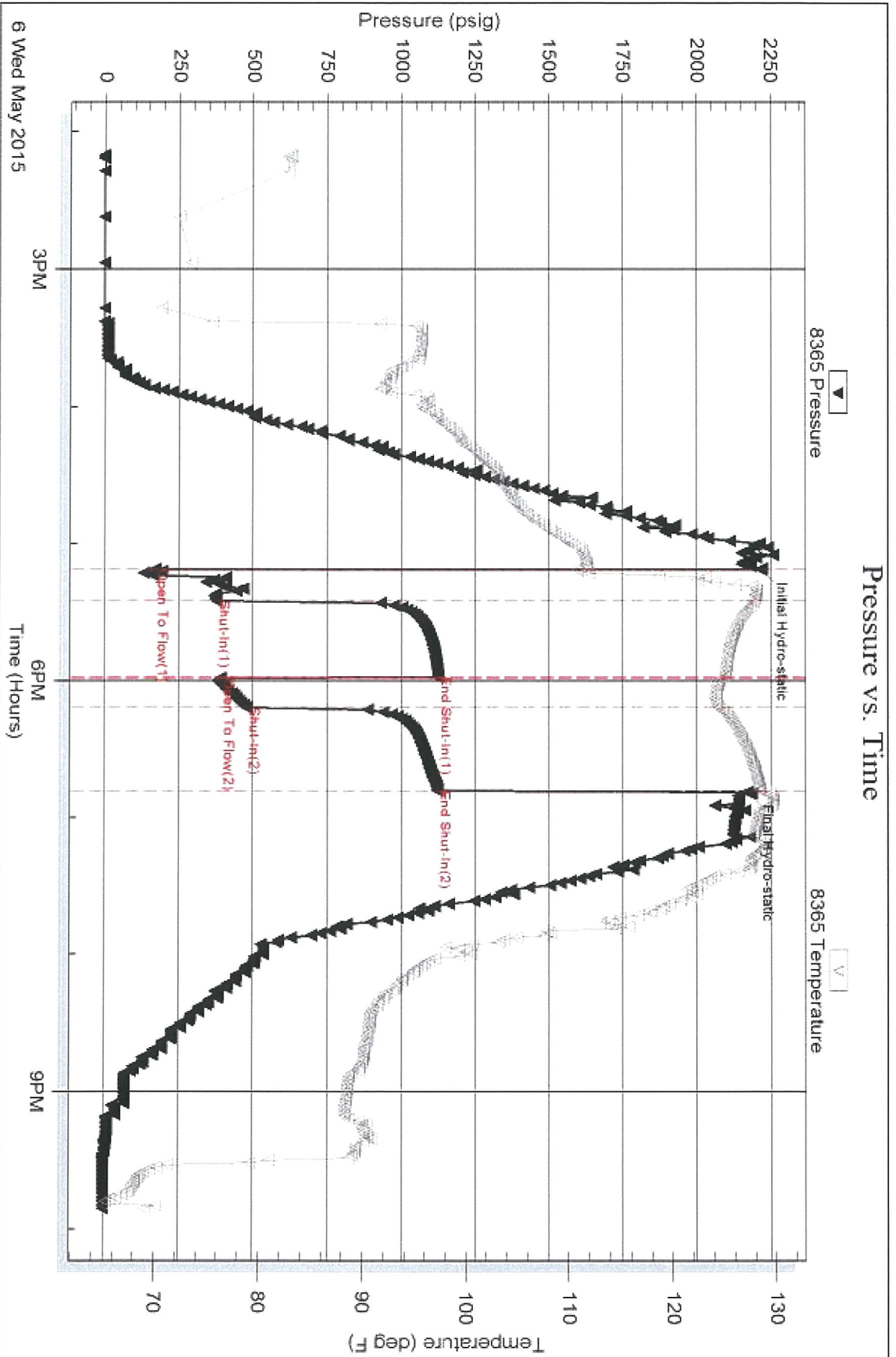
Inside

Palomino Petroleum, Inc

Brown #1

DST Test Number: 7

Pressure vs. Time

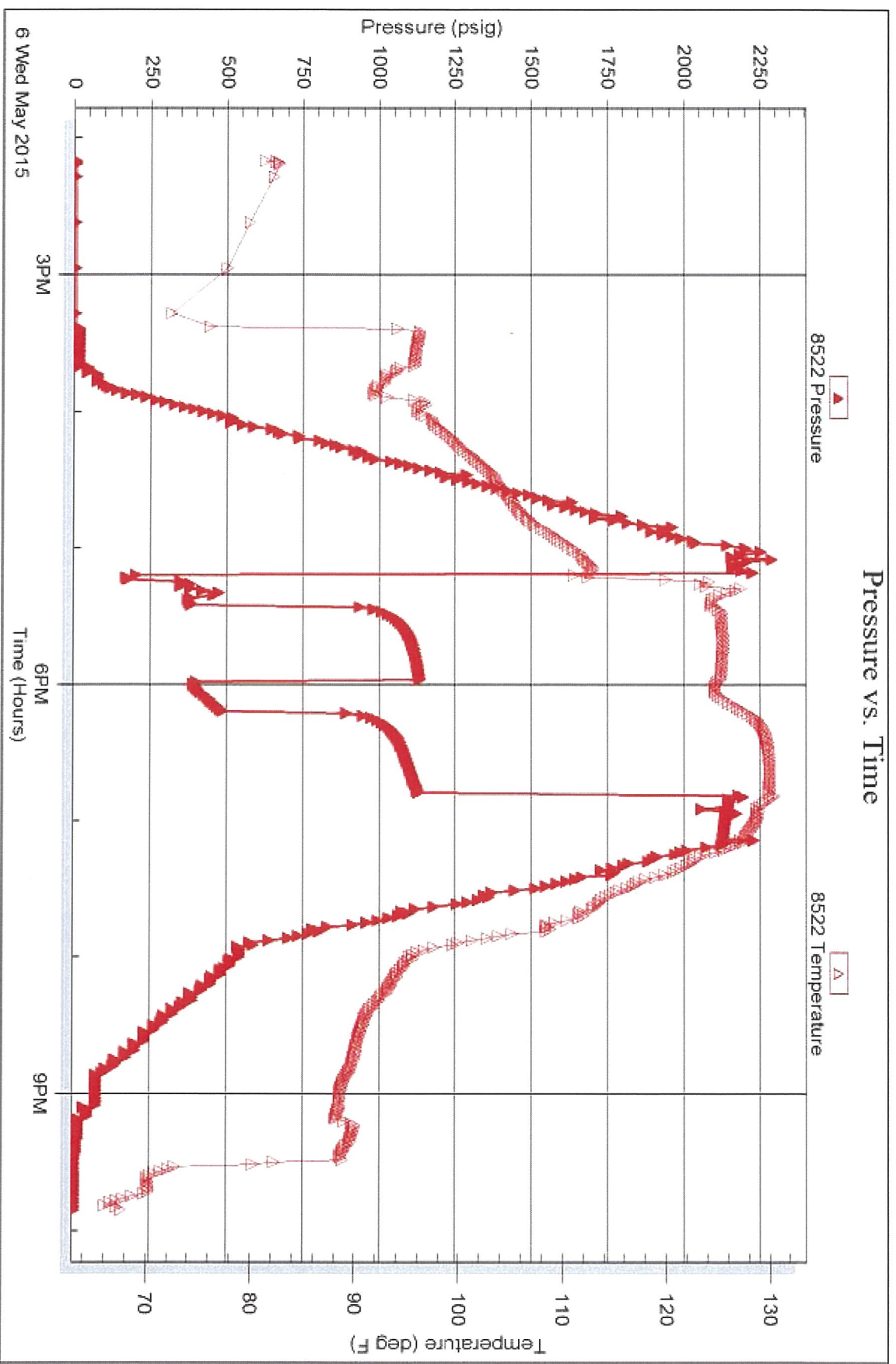


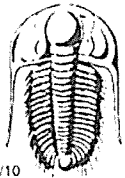
Serial #: 8522

Outside Palomino Petroleum, Inc

Brown #1

DST Test Number: 7





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 57407

Well Name & No. Brownie #1 Test No. 1 Date 9/2/15
 Company Palomino Petroleum, Inc Elevation 2765 KB 2760 GL
 Address 4924 SE 54th St. Newton, KS 67114
 Co. Rep / Geo. Sean Deenihan Rig WW #6
 Location: Sec. 7 Twp. 14s Rge. 30w Co. Coye State KS

Interval Tested 3800 - 3800 Zone Tested Toronto - LKC A
 Anchor Length 5800 - 54 Drill Pipe Run 3653 Mud Wt. 9.3
 Top Packer Depth 3901 Drill Collars Run 121 Vis 56
 Bottom Packer Depth 3800 Wt. Pipe Run 8 WL 6.0
 Total Depth 3900 Chlorides 700 ppm System LCM 2#

Blow Description IF: BOB@ 4 1/2 min
TSI: No return
FF: BOB@ 6 min.
FSI: 1/2" return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>346</u>	<u>6WMC0</u>	<u>5</u>	<u>55</u>	<u>20</u>	<u>20</u>
<u>250</u>	<u>SACW</u>			<u>95</u>	<u>5</u>
	<u>90' GIP</u>				

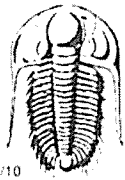
Rec Total 595 BHT 123 Gravity — API RW .240 @ 65 °F Chlorides 39000 ppm

(A) Initial Hydrostatic 1872 Test 1050 T-On Location -0345
 (B) First Initial Flow 63 Jars 250 T-Started 0400
 (C) First Final Flow 194 Safety Joint T-Open 0506
 (D) Initial Shut-In 1145 Circ Sub NA T-Pulled 0936
 (E) Second Initial Flow 208 Hourly Standby T-Out 1211
 (F) Second Final Flow 294 Mileage 78 RT 75 Comments _____
 (G) Final Shut-In 1137 Sampler _____
 (H) Final Hydrostatic 1871 Straddle _____

Ruined Shale Packer
 Ruined Packer
 Extra Copies
 Initial Open 15 Extra Packer
 Initial Shut-In 30 Extra Recorder
 Final Flow 15 Day Standby
 Final Shut-In 30 Accessibility
 Sub Total 1375 MP/DST Disc't _____

Approved By _____ Our Representative [Signature]

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 57408

Well Name & No. Brownie #1 Test No. 2 Date 5/03/15
 Company Palomino Petroleum Inc Elevation 2765 KB 2760 GL
 Address 4924 SE 84th St Newton, KS 67114
 Co. Rep / Geo. Sean Deenihan Rig WW #6
 Location: Sec. 7 Twp. 14s Rge. 30w Co. Gove State Ks

Interval Tested 3870 - 3916 Zone Tested LKC B&C
 Anchor Length 46 Drill Pipe Run 3894 Mud Wt. 9.3
 Top Packer Depth 3865 Drill Collars Run 121 Vis 53
 Bottom Packer Depth 3870 Wt. Pipe Run 0 WL 6.0
 Total Depth 3916 Chlorides 700 ppm System LCM 2[#]

Blow Description IF: BOB @ 1 1/2 min
ISI: BOB @ 15 and duration
FF: BOB Immediately
FSI: BOB @ 6 min and duration.

Rec	Feet of	%gas	%oil	%water	%mud
<u>470</u>	<u>60</u>	<u>55</u>	<u>65</u>	<u>TR</u>	
<u>190</u>	<u>60</u>	<u>30</u>	<u>40</u>	<u>30</u>	
	<u>650' GIP</u>				

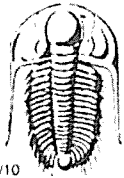
Rec Total 660 BHT 126 Gravity 38 API RW - @ - ° F Chlorides - ppm

(A) Initial Hydrostatic 1968 Test 1050 T-On Location 1830 5/02
 (B) First Initial Flow 60 Jars 250 T-Started 1900
 (C) First Final Flow 179 Safety Joint - T-Open 2140
 (D) Initial Shut-In 1152 Circ Sub N/C T-Pulled 2310
 (E) Second Initial Flow 195 Hourly Standby - T-Out -
 (F) Second Final Flow 281 Mileage 75 RT 75 Comments -
 (G) Final Shut-In 1161 Sampler -
 (H) Final Hydrostatic 1894 Straddle - Ruined Shale Packer -
 Shale Packer - Ruined Packer -
 Extra Packer - Extra Copies -
 Extra Recorder -

Initial Open 15
 Initial Shut-In 30
 Final Flow 15
 Final Shut-In 30
 Day Standby -
 Accessibility -
 Sub Total 1375
 Total 1375
 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.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 57409

Well Name & No. Brownie #1 Test No. 3 Date 5/03/15
 Company Palumbo Petroleum, Inc Elevation 2765 KB 2760 GL
 Address 4924 SE 84th St. Newton, KS 67114
 Co. Rep / Geo. Sean Doerflinger Rig WW 6
 Location: Sec. 7 Twp. 14s Rge. 30 W Co. Goar State KS

Interval Tested 3920 - 3960 Zone Tested LKC D-F
 Anchor Length 46 Drill Pipe Run 3777 Mud Wt. 9.3
 Top Packer Depth 3915 Drill Collars Run 121 Vis 57
 Bottom Packer Depth 3920 Wt. Pipe Run 0 WL 6.0
 Total Depth 3966 Chlorides 1900 ppm System LCM 2nd

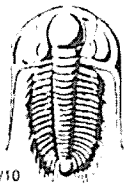
Blow Description IF: BOP @ 12 min
ISI: No return
FF: BOP @ 13 min
FSI: No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>640</u>	<u>NCW</u>	<u>(OTL spots)</u>	<u>85</u>	<u>15</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 640 BHT 126 Gravity 1050 API RW .237 @ 92° F Chlorides 6950^{25,000} ppm
 (A) Initial Hydrostatic 1926 Test 1050 T-On Location 7426-0930
 (B) First Initial Flow 24 Jars 250 T-Started 1006
 (C) First Final Flow 187 Safety Joint 50 T-Open 1239
 (D) Initial Shut-In 1127 Circ Sub used 50 T-Pulled 1439
 (E) Second Initial Flow 188 Hourly Standby 75 T-Out 1716
 (F) Second Final Flow 308 Mileage 75 RT 75 Comments revised water
 (G) Final Shut-In 1116 Sampler
 (H) Final Hydrostatic 1901 Straddle Ruined Shale Packer
 Shale Packer Ruined Packer
 Extra Packer Extra Copies
 Extra Recorder
 Day Standby
 Accessibility
 Sub Total 1425 Total 1425 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.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 37410

Well Name & No. Browne #1 Test No. 4 Date 5/04/15
 Company Palming Petroleum, Inc Elevation 2765 KB 2760 GL
 Address 4924 SE 54th St Newton, KS 67114
 Co. Rep / Geo. Sean Deanehan Rig WW #6
 Location: Sec. 7 Twp. 14S Rge. 30W Co. Gove State KS

Interval Tested 4000 - 4065 Zone Tested CKC ~~FF~~ H&I
 Anchor Length 68 Drill Pipe Run 3571 Mud Wt. 9.3
 Top Packer Depth 3095 Drill Collars Run 121 Vis 59
 Bottom Packer Depth 4000 Wt. Pipe Run 0 WL 6.0
 Total Depth 4065 Chlorides 1900 ppm System LCM 2#

Blow Description FF BOB @ 1min
TSI BOB @ 2min
FF BOB @ open
TSI BOB and Gas to surface

Rec	Feet of	%gas	%oil	%water	%mud
<u>895</u>	<u>60</u>	<u>40</u>	<u>60</u>		
<u>195</u>	<u>6 nco</u>	<u>30</u>	<u>35</u>		<u>35</u>
	<u>Gas to surface</u>				

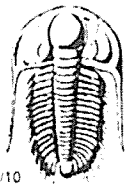
Rec Total 1070 BHT 128 Gravity 40 API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 2014 Test 1150 T-On Location 0330
 (B) First Initial Flow 162 Jars 250 T-Started 0408
 (C) First Final Flow 287 Safety Joint _____ T-Open 0557
 (D) Initial Shut-In 1094 Circ Sub — T-Pulled 0727
 (E) Second Initial Flow 319 Hourly Standby _____ T-Out 1053
 (F) Second Final Flow 443 Mileage 78 RT 75 Comments _____
 (G) Final Shut-In 1094 Sampler _____
 (H) Final Hydrostatic 1997 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open 15 Extra Recorder _____ Sub Total 0
 Initial Shut-In 30 Day Standby _____ Total 1475
 Final Flow 15 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 30 Sub Total 1475

Approved By _____

Our Representative [Signature]

Trilobite Testing Inc. shall not be liable for damaged or 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.



TRIOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 07411

Well Name & No. Brownie #1 Test No. 5 Date 5/04/15
 Company Palomino Petroleum, Inc Elevation 2765 KB 2760 GL
 Address 4924 SE 84th St Newton, ks 67114
 Co. Rep / Geo. Sean Doerhan Rig WW #8
 Location: Sec. 7 Twp. 14s Rge. 30w Co. Gove State KS

Interval Tested 4085 - 4126 Zone Tested LKC "K"
 Anchor Length 41 Drill Pipe Run 3964 Mud Wt. 9.3
 Top Packer Depth 4080 Drill Collars Run 121 Vis 59
 Bottom Packer Depth 4085 Wt. Pipe Run 0 WL 6.0
 Total Depth 4126 Chlorides 1900 ppm System LCM 2#

Blow Description IF: 4" blow
ISI: No return.
FF: 3" blow
FSI: No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>165</u>	<u>mcw</u>			<u>60</u>	<u>40</u>

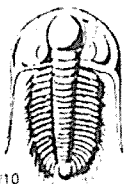
Rec Total 165 BHT 122 Gravity — API RW .270 @ 63 °F Chlorides 32000 ppm

(A) Initial Hydrostatic 2031 Test 1150 T-On Location 1830
 (B) First Initial Flow 21 Jars 250 T-Started 1839
 (C) First Final Flow 72 Safety Joint _____ T-Open 2045
 (D) Initial Shut-In 977 Circ Sub NC T-Pulled 2245
 (E) Second Initial Flow 78 Hourly Standby _____ T-Out 0056 5/05
 (F) Second Final Flow 95 Mileage 7ERT 75 Comments _____
 (G) Final Shut-In 943 Sampler _____
 (H) Final Hydrostatic 1950 Straddle _____ Ruined Shale Packer _____
 Shale Packer 250 Ruined Packer _____

Initial Open 30 Extra Packer _____ Extra Copies _____
 Initial Shut-In 30 Extra Recorder _____ Sub Total 0
 Final Flow 30 Day Standby _____ Total 1725
 Final Shut-In 30 Accessibility _____ MP/DST Disc't _____
 Sub Total 1725

Approved By _____ Our Representative [Signature]

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 07412

Well Name & No. Brownie #1 Test No. 6 Date 5/6/2013
 Company Palomino Petroleum, Inc Elevation 2765 KB 2760 GL
 Address 4924 SE 84th St Newberry KS 67114
 Co. Rep / Geo. Sean Deaahan Rig WW 6
 Location: Sec. 7 Twp. 14S Rge. 30.W Co. Cove State KS

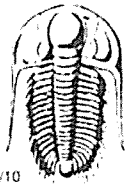
Interval Tested 4287 4340 Zone Tested Myric Station
 Anchor Length 53 Drill Pipe Run 4153 Mud Wt. 9.3
 Top Packer Depth 4282 Drill Collars Run 121 Vis 56
 Bottom Packer Depth 4287 Wt. Pipe Run 0 WL 6.0
 Total Depth 4340 Chlorides 1800 ppm System LCM 2#

Blow Description IF 4" blow
ISI No return
FF 7" blow
FBI No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>75</u>	<u>Oil</u>	<u>100</u>			
<u>75</u>	<u>60CM</u>	<u>20</u>	<u>30</u>		<u>50</u>

Rec Total 90 BHT 120 Gravity 35 API RW - @ - °F Chlorides - ppm
 (A) Initial Hydrostatic 2159 Test 1150 T-On Location 1900 5/05
 (B) First Initial Flow 20 Jars 250 T-Started 1937
 (C) First Final Flow 36 Safety Joint T-Open 2202
 (D) Initial Shut-In 397 Circ Sub N/C T-Pulled 0002 5/06
 (E) Second Initial Flow 40 Hourly Standby T-Out 0226
 (F) Second Final Flow 52 Mileage 76AT 75 Comments Stayed @ RIG
 (G) Final Shut-In 612 Sampler FBI mud
 (H) Final Hydrostatic 2099 Straddle Ruined Shale Packer
 Shale Packer 250 Ruined Packer
 Extra Packer Extra Copies
 Extra Recorder Sub Total 0
 Day Standby Total 1725
 Accessibility MP/DST Disc't
 Sub Total 1725

Approved By _____ Our Representative [Signature]
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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 01413

Well Name & No. Brownie # 1 Test No. 7 Date 5/6/2015
 Company Palomino Petroleum, Inc Elevation 2765 KB 2760 GL
 Address 4924 SE 54th St Newton, KS 67114
 Co. Rep / Geo. Sean Deenihan Rig WW #6
 Location: Sec. 7 Twp. 14S Rge. 30W Co. Gove State KS

Interval Tested 4334 4436 Zone Tested Johnson - Ft Scott
 Anchor Length 102 Drill Pipe Run 4213 Mud Wt. 9.0
 Top Packer Depth 4329 Drill Collars Run 121 Vis 53
 Bottom Packer Depth 4334 Wt. Pipe Run 8 WL 6.0
 Total Depth 4436 Chlorides 1900 ppm System LCM 2nd
 Blow Description TF: BOB @ 2min
ISI: 4" return.
FF: BOB @ 1 min.
FSI: 7" return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>150</u>	<u>G.M.C.O</u>	<u>30</u>	<u>50</u>	<u>30</u>	
<u>770</u>	<u>G.M.C.O</u>	<u>30</u>	<u>65</u>	<u>5</u>	
<u>120</u>	<u>G.M.C.O</u>	<u>50</u>	<u>50</u>	<u>20</u>	
	<u>1100' GIP</u>				

Rec Total 1040 BHT 128 Gravity 30 API RW - @ - ° F Chlorides - ppm
 (A) Initial Hydrostatic 2216 Test 1150 T-On Location ~~1600~~ 1306
 (B) First Initial Flow 169 Jars 250 T-Started ~~1704~~ 1470
 (C) First Final Flow 376 Safety Joint _____ T-Open 1704
 (D) Initial Shut-In 1124 Circ Sub 4/8 T-Pulled 1834
 (E) Second Initial Flow 390 Hourly Standby _____ T-Out 2151
 (F) Second Final Flow 478 Mileage 78 RT 82 75+75 Comments 0/1 Tool @
 (G) Final Shut-In 1122 Sampler _____ 1400 ON 5/7
 (H) Final Hydrostatic 2169 Straddle _____ Ruined Shale Packer _____
 Shale Packer 250 Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open 15 Extra Recorder _____ Sub Total 0
 Initial Shut-In 30 Day Standby _____ Total 1800
 Final Flow 15 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 30 Sub Total 1800

Approved By _____ Our Representative [Signature]

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