



REMIT TO

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

**RECEIVED** MAIN OFFICE  
**MAY 11 2016** P.O.Box884  
 Chanute,KS 66720  
 620/431-9210,1-800/467-8676  
 Fax 620/431-0012

Invoice Invoice# 807552

Invoice Date: 05/09/16 Terms: Net 30 Page 1

PALOMINO PETROLEUM, INC.  
 4924 SE 84TH STREET  
 NEWTON KS 67114-8827  
 USA

BETTY #1

Part No	Description	Quantity	Unit Price	Discount(%)	Total
CE0471	Cement Pump Charge 301' - 500' (Coalbed/Methane)	1.000	1,150.0000	40.000	690.00
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
CC5871	Surface Blend II, 2% Gel/3% CaCl	205.000	23.0000	40.000	2,829.00
Subtotal					6,739.50
Discounted Amount					2,695.80
SubTotal After Discount					4,043.70

Amount Due 7,045.98 If paid after 06/08/16

Tax: 183.89  
 Total: 4,227.59



**CONSOLIDATED**  
Oil Well Services, LLC

5725

5630

TICKET NUMBER **51479**

LOCATION Oakley KS

FOREMAN Jerry Y

PO Box 824, Chanute, KS 66720  
620-431-9210 or 800-467-8676

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

Invoice # **801552**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
5-5-16	6285	Betty # 1	36	16S	25W	Ness
CUSTOMER <u>Palomino</u>			TRUCK # DRIVER TRUCK # DRIVER			
MAILING ADDRESS			731 ✓ Cory D ✓			
CITY STATE ZIP CODE			566 ✓ Rob S ✓			
			640 ✓			

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 232 CASING SIZE & WEIGHT 8 5/8 28 lb  
 CASING DEPTH 225 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 14.8 SLURRY VOL 6.34 WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 20'  
 DISPLACEMENT 13 bbl DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety meeting & rig up on W/L 16 break circulation with rig after lost circulation @ TD go @ returns on mud mixed 205 sks com 3 & 2 with 250' of hole ~~was~~ worked up & displaced 13 bbl fresh water got cement back @ 8 bbl out & started drilling it slowed displacement down for lost 5 bbl & shut in. found cement in collar

Cement did circulate (a little) Thank You Jerry & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE0471 ✓	1	PUMP CHARGE	1150.00	1150.00 ✓
CE0002 ✓	30	MILEAGE	7.15	214.50 ✓
CE0711 ✓	9.59	ton mileage delivery (min)	66.00	660.00 ✓
CC5871 ✓	205 sks	Surface blend II	23.00	4715.00 ✓
			Subtotal	6739.50 ✓
			-40%	2695.80 ✓
			Subtotal	4043.70 ✓
			SALES TAX	183.89 ✓
			ESTIMATED TOTAL	4227.59 ✓

AVIN 3737 AUTHORIZATION [Signature] TITLE Driller DATE 5-6-16

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.



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



RECEIVED

MAY 13 2016

# Invoice

DATE	INVOICE #
5/13/2016	28848

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	Betty	Ness	WW Drilling	Oil	Development	Long String	David E.

PRICE REF.	DESCRIPTION	QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way	20	Miles	5.00	100.00
578D-L	Pump Charge - Long String	1	Job	1,250.00	1,250.00
290	D-Air	4	Gallon(s)	42.00	168.00T
281	Mud Flush	500	Gallon(s)	1.25	625.00T
221	Liquid KCL (Clayfix)	2	Gallon(s)	25.00	50.00T
403-5	5 1/2" Cement Basket	1	Each	250.00	250.00T
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	10	Each	75.00	750.00T
330	Swift Multi-Density Standard (MIDCON II)	80	Sacks	15.75	1,260.00T
325	Standard Cement	100	Sacks	12.25	1,225.00T
284	Calseal	5	Sack(s)	30.00	150.00T
283	Salt	541	Lb(s)	0.20	108.20T
285	CFR-1	47	Lb(s)	4.50	211.50T
276	Flocele	25	Lb(s)	2.25	56.25T
582D	Minimum Drayage Charge	1	Each	250.00	250.00
581D	Service Charge Cement	225	Sacks	1.50	337.50
	Subtotal				9,816.45
	Sales Tax Ness County			6.50%	512.13

<b>We Appreciate Your Business!</b>	<b>Total</b>	\$10,328.58
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CHARGE TO: Patronino Petroleum  
 ADDRESS: \_\_\_\_\_  
 CITY, STATE, ZIP CODE: \_\_\_\_\_

TICKET 28848

PAGE 1 OF 1

1. SERVICE LOCATIONS: Hays Co WELL/PROJECT NO. # 1 LEASE Betty COUNTY/PARISH Ness STATE KS CITY \_\_\_\_\_ DATE 5-14-16 OWNER \_\_\_\_\_

2. Ness City KS TICKET TYPE  SERVICE CONTRACTOR WV Drilling RIG NAME/NO. \_\_\_\_\_ SHIPPED VIA \_\_\_\_\_ DELIVERED TO \_\_\_\_\_ ORDER NO. \_\_\_\_\_

3. WELL TYPE D.I. WELL CATEGORY Development JOB PURPOSE Long String WELL PERMIT NO. \_\_\_\_\_ WELL LOCATION \_\_\_\_\_

4. REFERRAL LOCATION \_\_\_\_\_ INVOICE INSTRUCTIONS \_\_\_\_\_

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	MILEAGE	QTY.			UNIT PRICE	AMOUNT	
		LOC	ACCT	DE			QTY.	UM	QTY.			UM
75						# 111	20	M		5	100	500
528					Pump Charge - long string		1	EA		1250	1250	1250
290					D-Air		4	GM		48	128	512
281					Mudflush		500	GM		1	625	312500
281					Liquid Mtl		2	GM		25	50	100
403					Cement Basket		1	EA	5 1/2	250	250	250
404					Part Collare		1	EA		250	250	250
406					latch decompling 3 baffles		1	EA		225	225	225
407					Insert float shoe w/ Auto Fill		1	EA		300	300	300
409					Turboliner		10	EA		75	750	750
419					Rotating head rental		1	EA		1000	1000	1000

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 Steven W. Dandell  
 DATE SIGNED \_\_\_\_\_ TIME SIGNED \_\_\_\_\_  A.M.  P.M.

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

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	TOTAL
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				6018	50
WE UNDERSTOOD AND MET YOUR NEEDS?				3598	45
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				2000	2000
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				9816	4
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO		Ness Co. TAX	512.13
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				65910	
TOTAL					10398.53

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

SWIFT OPERATOR: David Edgerton APPROVAL: \_\_\_\_\_

Thank You



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

TICKET CONTINUATION

TICKET No. 28848

CUSTOMER  
Palo Verde Petroleum

WELL Belly # 1

DATE 5-14-16

PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	WELL				UNIT PRICE	AMOUNT	
		LOC	ACCT	DF			QTY	U/M	QTY	U/M			
330		2				Swift Fuel Density	80	SKS		15	75	1260	00
325		2				Standard Gwent	100	SKS		12	95	1225	00
284		2				Calseal	5	SKS		30	100	150	00
283		2				SALT	541	lbs		20	80	108	20
285		2				OPR-1	47	lbs		4	50	211	50
276		2				Fluocel	25	lbs		2	25	56	25
582		2				Minimum Drayage	1	ETA		250	00	250	00
581		2				SERVICE CHARGE				1	30	33	50
						MILEAGE CHARGE							
						TOTAL WEIGHT							
						LOADED MILES							
						CUBIC FEET							
						TON MILES							

CONTINUATION TOTAL

3598.45

JOB LOG

SWIFT Services, Inc.

DATE 5-14-16 PAGE NO.

CUSTOMER Palomino Petroleum WELL NO. #1 LEASE Betty JOB TYPE Long String TICKET NO. 28848

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								On location w/ float Equip
								5 1/2 csg 14.0 #
								RTD - 4610
								Baffle - 4561 Pipe - 4604
								Centralizers - 1, 3, 5, 7, 9, 11, 13, 15, 17
								65
								Basket - 66
								Port collar - 66
	1930							START Running Csg
	100							Break Circulation on Bottom
	200	6					300	pump Mud Flush
		6					300	pump KCL Spacer
	210	6	0				300	Start SMD Cmt @ 11.2 PPG
		5	44				0	Start EA-2 Cmt @ 15.5 PPG
	220	5	68				0	End Cmt
								Drop plug/Wash P&L
	230	6	0				0	START Disp
		6					400	Catch Cmt
	300		104				800	land plug lift psi - 800 land psi - 1500
								Thanks
								David, Austin & Jon H.

# SWIFT



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



## Invoice

DATE	INVOICE #
5/23/2016	29526

RECEIVED

MAY 31 2016

- 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	Betty	Ness	Express Well Serv	Oil	Development	Port Collar	David E.
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				20	Miles	5.00	100.00
576D-D	Pump Charge - Deep Surface (> 500 Ft.) & Port Collars				1	Job	1,250.00	1,250.00
290	D-Air				2	Gallon(s)	42.00	84.00T
105	Port Collar Tool Rental With Man				1	Each	275.00	275.00T
330	Swift Multi-Density Standard (MIDCON II)				140	Sacks	15.75	2,205.00T
276	Flocele				33	Lb(s)	2.25	74.25T
581D	Service Charge Cement				200	Sacks	1.50	300.00
582D	Minimum Drayage Charge				1	Each	250.00	250.00
	Subtotal							4,538.25
	Sales Tax Ness County						6.50%	171.49

**We Appreciate Your Business!**

**Total**

\$4,709.74



**Services, Inc.**

CHARGE TO: Patovino Petroleum

ADDRESS

CITY, STATE, ZIP CODE

TICKET 29526

PAGE 1 OF 1

SERVICE LOCATION# 1. <u>Hays Ks</u>	WELL/PROJECT NO. # 1	LEASE <u>Bethy</u>	COUNTY/PARISH <u>Ness</u>	STATE <u>Ks</u>	CITY	DATE <u>5-23-16</u>	OWNER
2. <u>Ness City Ks</u>	TICKET TYPE <input type="checkbox"/> SERVICE <input checked="" type="checkbox"/> SALES	CONTRACTOR <u>Express Well Service</u>	RIG NAME/NO.	SHIPPED VIA	DELIVERED TO <u>location</u>	ORDER NO.	
3.	WELL TYPE <u>D/I</u>	WELL CATEGORY <u>Development</u>	JOB PURPOSE <u>Port Collare</u>	WELL PERMIT NO.	WELL LOCATION		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE FERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE TRK # 113	20	mi			5.00	100.00
576 D		1			Pump Charge - Port Collare	1	ea			1250.00	1250.00
290		1			D-Air	2	bin			42.00	84.00
105		2			Port Collare Tool Rental w/pman	1	ea			275.00	275.00
330		2			Swift Multi Density Standard	140	ses			15.75	2205.00
276		2			Flocle	33	lbs			2.25	74.25
1		2			Service Charge Cement	200	ses			1.50	300.00
582		2			Minimum Drayage Charge	1	ea			250.00	250.00
<b>LEGAL TERMS:</b> Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, <b>PAYMENT, RELEASE, INDEMNITY,</b> and <b>LIMITED WARRANTY</b> provisions.											
<b>MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS</b>											
DATE SIGNED <u>[Signature]</u> TIME SIGNED <input type="checkbox"/> A.M. <input type="checkbox"/> P.M.											
<b>REMIT PAYMENT TO:</b> SWIFT SERVICES, INC. P.O. BOX 466 NESS CITY, KS 67560 785-798-2300											
<b>SURVEY</b> <input type="checkbox"/> OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? <input type="checkbox"/> WE UNDERSTOOD AND MET YOUR NEEDS? <input type="checkbox"/> OUR SERVICE WAS PERFORMED WITHOUT DELAY? <input type="checkbox"/> WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? <input type="checkbox"/> ARE YOU SATISFIED WITH OUR SERVICE?											
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND											
<b>PAGE TOTAL</b> 4538.25											
<b>TOTAL</b> 4909.94											

SWIFT OPERATOR David Edgerton

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

APPROVAL [Signature]

Thank You!



**JOB LOG**

**SWIFT Services, Inc.**

5-23-16

DATE 5/23/16 PAGE NO.

CUSTOMER Palomares Petro WELL NO. # 1 LEASE Betty JOB TYPE Port Collar TICKET NO. 29526

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1000							On location
								2 7/8 x 5 1/2 Port Collar - 1830'
	1045					1500		TEST Port Collar - Good
		3.5				400		Open port Collar & Test - Open
	1050	3.5	0			400		START Mud Cmt @ 11.2 PPG
		3.5	17			400		GET Circulation
		3.5	<del>100</del> 70			500		Circ Cmt to pit / Raise weight to 14.0 PPG
		3.5	75			500		START Disp
	1115	3.5	83			600		End Disp
						1200		Close Port Collar & Test
								Run 4 Joint
	1125	2.5	20			200		Circ hole Clean
								WASH TRK
	1200							Job Complete
								Thanks David Jon H. & Preston

# SWIFT



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



## Invoice

DATE	INVOICE #
5/24/2016	29294

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

RECEIVED

MAY 31 2016

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1	Betty	Ness	Express Well Serv	Oil	Development	Perf Squeeze	Jason
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				20	Miles	5.00	100.00
578D-D	Pump Charge - Deep Squeeze (> 1500 Ft.)				1	Job	1,250.00	1,250.00
300 - 15%	Regular Acid				200	Gallons	1.75	350.00
230	Surf-3 ESA-N35 (Losurf 300)				1	Gallon(s)	25.00	25.00
235	INH.1 ESA-28				1	Gallon(s)	40.00	40.00
286	Halad-1 (Halad 9)				20	Lb(s)	8.00	160.00T
290	D-Air				1	Gallon(s)	42.00	42.00T
325	Standard Cement				75	Sacks	12.25	918.75T
581D	Service Charge Cement				75	Sacks	1.50	112.50
582D	Minimum Drayage Charge				1	Each	250.00	250.00
	Subtotal							3,248.25
	Sales Tax Ness County						6.50%	72.85
<b>We Appreciate Your Business!</b>						<b>Total</b>	<b>\$3,321.10</b>	



Services, Inc.

CHARGE TO: PALOMINO PETROLEUM

ADDRESS

CITY, STATE, ZIP CODE

TICKET 29294

PAGE 1 OF

SERVICE LOCATIONS	WELL/PROJECT NO.	LEASE	COUNTY/STATE	STATE	CITY	DATE	OWNER
1. <u>Ness Betty, KS</u>		<u>Betty #1</u>	<u>Ness</u>	<u>KS</u>	<u>Arnold, KS</u>	<u>4/4/16</u>	
2.	TICKET TYPE	CONTRACTOR	RIG NAME/NO.	SHIPPED VIA	DELIVERED TO	ORDER NO.	
	<input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	<u>Express Well Serv.</u>					
3.	WELL TYPE	WELL CATEGORY	JOB PURPOSE	WELL PERMIT NO.	WELL LOCATION		
	<u>D/L</u>	<u>DEVELOPMENT</u>	<u>Ref Squeeze</u>		<u>1E, 1AS, W Tota</u>		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

PRICE FERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		QTY.		UNIT PRICE	AMOUNT
		LOC	ACCT	DF		UM	UM	UM	UM		
<u>575</u>					MILEAGE <u>\$115</u>	<u>20</u>	<u>mi</u>			<u>5.75</u>	<u>100.00</u>
<u>578</u>					<u>Pump CHARGE</u>	<u>1</u>	<u>hrs</u>			<u>1250.00</u>	<u>1250.00</u>
<u>300</u>					<u>Regular Acid</u>	<u>200</u>	<u>gal</u>		<u>15%</u>	<u>1.75</u>	<u>350.00</u>
<u>230</u>					<u>SURF-3</u>	<u>1</u>	<u>gal</u>			<u>25.00</u>	<u>25.00</u>
<u>235</u>					<u>ISUB-1</u>	<u>1</u>	<u>gal</u>			<u>40.00</u>	<u>40.00</u>
<u>286</u>					<u>HALAD-1</u>	<u>20</u>	<u>lbs</u>			<u>8.00</u>	<u>160.00</u>
<u>290</u>					<u>DAIR</u>	<u>1</u>	<u>gal</u>			<u>42.00</u>	<u>42.00</u>
<u>325</u>					<u>STANDARD CEMENT</u>	<u>75</u>	<u>5x</u>			<u>12.25</u>	<u>918.75</u>
<u>31</u>					<u>CEMENT SERVICE CHARGE</u>	<u>75</u>	<u>3x</u>			<u>1.50</u>	<u>112.50</u>
<u>582</u>					<u>Minimum Drayage</u>	<u>7050</u>	<u>lbs</u>	<u>70.5</u>	<u>Tm</u>	<u>25.00</u>	<u>250.00</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

DATE SIGNED 4/4/16 TIME SIGNED 12:45  A.M.  P.M.

SWIFT OPERATOR [Signature]

REMIT PAYMENT TO:

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

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	AGREE	UN-DECIDED	DIS-AGREE
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?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	

PAGE TOTAL 3248.25

TOTAL 3321.10

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

APPROVAL [Signature]

Thank you!

JOB LOG

SWIFT Services, Inc.

DATE 24 May 16 PAGE NO.

CUSTOMER VALDOMINO PETROLEUM WELL NO. LEASE BETTY #1 JOB TYPE PERF SQUEEZE TICKET NO. 29293

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1145							ON LOCATION
	1335		5	✓		3000		LOAD TUBING - TEST TOOLS - HELD
	1339	4	26	✓				CIRCULATE ACID TO BOTTOM
								MOVE PACKER UP - SET PACKER
	1354	3 1/2		✓				START FLUSH DOWN WELL
		2	3 1/2	✓		700		TUBING LOADED
		3		✓		2000		
		3 1/2	5	✓		1600		
	1401	Ø	6	✓		1000		ISIP -
						VAC		4 MIN SHUT IN - VAC
								SWAB ACID BACK
	1509				✓		500	LOAD ANNULUS - PSI UP - SHUT IN
	1514	2 1/2		✓		800		TAKE INJECTION RATE.
	1528	3 1/2	16	✓		800		MIX 753X STD - 1 <sup>st</sup> 205X W/HALAD-1
	1545	3 1/2		✓		800		DISPLACE CEMENT
		3	13	✓		1000		
		3	20	✓		1500		
		2	22	✓		2000		
		1	23	✓		2200		
		1/2	24	✓		2400		
	1655	Ø	24 3/4	✓		2500		
	1600							RELEASE PSI - DRY
	1610							RELEASE PACKER WASH DOWN 2 1/2 JTS
	1641			✓		1500		RE-TEST - SQUEEZE
	1700					300		Pull 10 JTS - PSI UP - SHUT IN.
	1710							WASH TRUCK
	1745							JOB COMPLETE.
								THANKS # 115
								JASON DAVE PRESTON



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



# Invoice

DATE	INVOICE #
5/26/2016	29295

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

**RECEIVED**

MAY 31 2016

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1	Betty	Ness	Express Well Serv	Oil	Development	Perf Squeeze	Jason

PRICE REF.	DESCRIPTION	QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way	20	Miles	5.00	100.00
578D-D	Pump Charge - Deep Squeeze (> 1500 Ft.)	1	Job	1,250.00	1,250.00
300 - 15%	Regular Acid	200	Gallons	1.75	350.00
235	INH.1 ESA-28	1	Gallon(s)	40.00	40.00
286	Halad-1 (Halad 9)	20	Lb(s)	8.00	160.00T
290	D-Air	1	Gallon(s)	42.00	42.00T
325	Standard Cement	50	Sacks	12.25	612.50T
581D	Service Charge Cement	75	Sacks	1.50	112.50
582D	Minimum Drayage Charge	1	Each	250.00	250.00
	Subtotal				2,917.00
	Sales Tax Ness County			6.50%	52.94

<b>We Appreciate Your Business!</b>	<b>Total</b>	\$2,969.94
-------------------------------------	--------------	------------



Services, Inc.

TICKET 29295

CHARGE TO: **PALMWOOD PETROLEUM**  
 ADDRESS  
 CITY, STATE, ZIP CODE

PAGE 1 OF 1

1. **NESS CITY, KS.** WELL/PROJECT NO. **LEASE** **BETTY #1** COUNTY/PARISH **NESS** STATE **KS.** CITY **ARNOLD, KS.** DATE **8/15/10** OWNER  
 2. **EXPRESS WELL SERU.** RIG NAME/NO. **EXPRESS WELL SERU.** SHIPPED VIA **DELIVERED TO** ORDER NO.  
 3. **WELL TYPE** **DIR** WELL CATEGORY **DEVELOPMENT** JOB PURPOSE **PERE SQUEEZE** WELL PERMIT NO. **1E135, WJ170**  
 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 #115	20	mi			5.00	100.00
578					PUMP CHARGE	1	hour			1850.00	1850.00
300					REGULAR ACID	200	gal	15	%	1.75	350.00
235					TUBES -1	1	gal			40.00	40.00
286					HAZAD -1	20	lbs			8.00	160.00
290					D-AIR	1	gal			42.00	42.00
325					STANDARD GEMENT	50	sx			12.35	612.50
581					GENERAL SERVICED CHARGE	75	sx			1.50	112.50
82					MINIMUM DRYPAGE	705	lbs	70.5	STM	250.00	250.00

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 **8/15/10** TIME SIGNED **1430**  AM  PM

X. **Attem Blank**

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

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	AGREE	UN-DECIDED	DIS-AGREE
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?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	

PAGE TOTAL **2917**

TAX **65.00**

TOTAL **2982.00**

SWIFT OPERATOR **L. Roberts** CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES **APPROVAL**

Thank You!

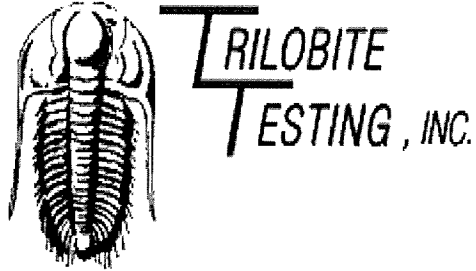
JOB LOG

SWIFT Services, Inc.

DATE 26 May 16 PAGE NO.

CUSTOMER TALAMINO PETROLEUM WELL NO. LEASE BETTY #1 JOB TYPE PERF. SQUEEZE TICKET NO. 29295

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0930							ON LOCATION
	1002			✓		3000		TEST TOOLS - HELD
	1010	4	26	✓				CIRCULATE ACID TO BOTTOM
								MOVE PACKER UP - SET PACKER.
	1025			✓		1000		STAGING.
				✓		1500		
			1/2	✓		2000		TREAT W/ 200 gal REG ACID
				✓		2500		
		1/3	3/4	✓		2200		TREATING.
		1 1/2	1 1/2	✓		1500		
		4 1/2	3	✓		1700		
	1052	0	8	✓		1200		ISIP.
				✓		VAC		4 1/2 MIN VAC.
								SWAB ACID BACK
	1216			✓		500		LOAD ANNULUS - PSI UP - SHUT IN.
	1221	2 1/2		✓		800		TAKE INJECTION RATE
	1230	3	10 1/2	✓		1000		MIX 50 sx - 1 1/2 20sx W/HALAD-1
		3 1/2		✓		1200		DISPLACE CEMENT
	1248	0	24 1/2	✓		2500		STAGING.
	1308			✓		2500		RELEASE PSI - DRY
	1314	3 1/2	30	✓		200		REVERSE CLEAN
								PULL 2 JTS.
	1331			✓		1500		SET PACKER - PSI UP - SHUT IN
	1335							WASH TRUCK
	1352			✓		1100		CHECK PRESSURE
	1353			✓		1600		PSI UP
	1357			✓		1600		RELEASE PSI
	1430							JOB COMPLETE
								THANKS #115
								JASON DAVE PRESTON



## DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc.**

4924 SE 84th St  
Newton KS 67114

ATTN: Ryan Seib

**Betty #1**

**36-16s-25w Ness,KS**

Start Date: 2016.05.10 @ 11:08:15

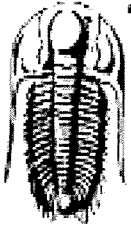
End Date: 2016.05.11 @ 00:10:30

Job Ticket #: 64569                      DST #: 1

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

Printed: 2016.05.16 @ 16:32:06





**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Palomino Petroleum Inc.

**36-16s-25w Ness,KS**

4924 SE 84th St  
New ton KS 67114

**Betty #1**

Job Ticket: 64569

**DST#: 1**

ATTN: Ryan Seib

Test Start: 2016.05.10 @ 11:08:15

## GENERAL INFORMATION:

Formation: **Marmaton- Ft. Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:27:15

Time Test Ended: 00:10:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Mike Roberts

Unit No: 75

Interval: **4168.00 ft (KB) To 4412.00 ft (KB) (TVD)**

Total Depth: 4412.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2486.00 ft (KB)

2474.00 ft (CF)

KB to GR/CF: 12.00 ft

**Serial #: 8737**

**Outside**

Press@RunDepth: 157.53 psig @ 4174.00 ft (KB)

Start Date: 2016.05.10

End Date:

2016.05.11

Capacity: 8000.00 psig

Last Calib.: 2016.05.11

Start Time: 11:08:15

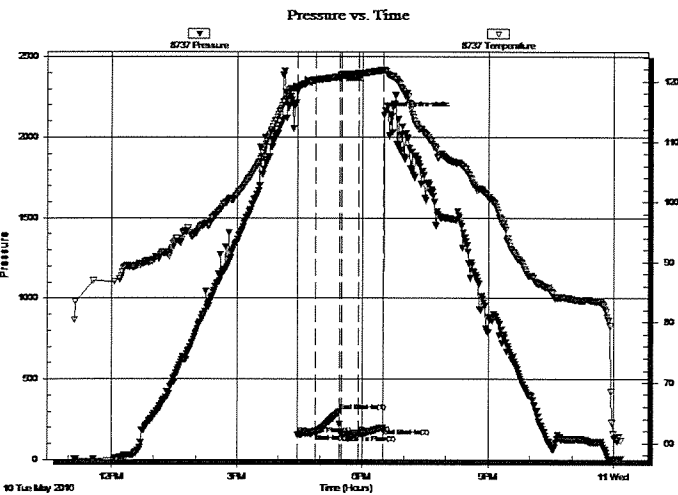
End Time:

00:10:30

Time On Btm: 2016.05.10 @ 16:27:00

Time Off Btm: 2016.05.10 @ 18:30:45

TEST COMMENT: IF:Built to 1" blow  
IS:No return blow  
FF:Built to 1/2" blow  
FS:No return blow



## PRESSURE SUMMARY

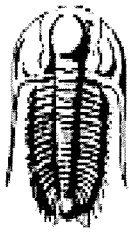
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2294.70	119.25	Initial Hydro-static
1	152.08	118.34	Open To Flow (1)
27	162.52	120.28	Shut-In(1)
61	297.21	120.79	End Shut-In(1)
63	156.82	121.13	Open To Flow (2)
87	157.53	121.34	Shut-In(2)
123	194.78	121.86	End Shut-In(2)
124	2137.31	121.94	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
40.00	mud w ith oil spots	0.20

## Gas Rates

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



# TRILOBITE TESTING, INC.

## DRILL STEM TEST REPORT

Palomino Petroleum Inc.

4924 SE 84th St  
New ton KS 67114

ATTN: Ryan Seib

36-16s-25w Ness,KS

**Betty #1**

Job Ticket: 64569

DST#: 1

Test Start: 2016.05.10 @ 11:08:15

### GENERAL INFORMATION:

Formation: **Marmaton- Ft. Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:27:15

Time Test Ended: 00:10:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Mike Roberts

Unit No: 75

Interval: 4168.00 ft (KB) To 4412.00 ft (KB) (TVD)

Reference Elevations: 2486.00 ft (KB)

Total Depth: 4412.00 ft (KB) (TVD)

2474.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 12.00 ft

**Serial #: 8646** Inside

Press@RunDepth: psig @ 4174.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.05.10

End Date: 2016.05.11

Last Calib.: 2016.05.11

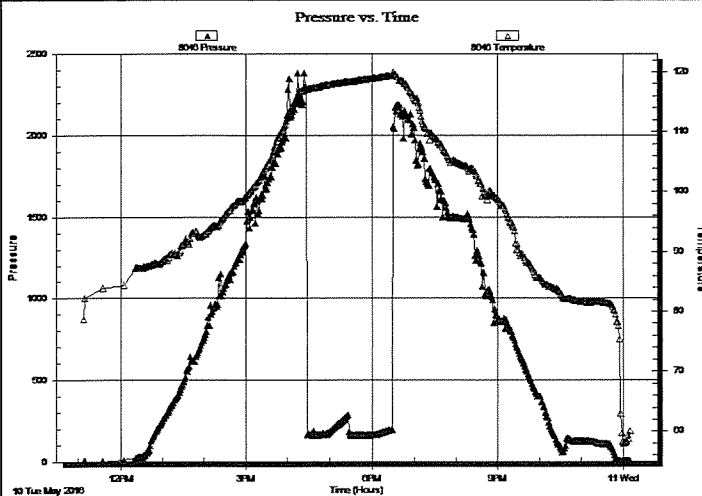
Start Time: 11:08:15

End Time: 00:10:15

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: Built to 1" blow  
IS: No return blow  
FF: Built to 1/2" blow  
FS: No return blow



### PRESSURE SUMMARY

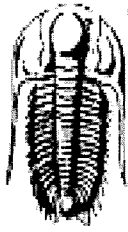
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

### Recovery

Length (ft)	Description	Volume (bbl)
40.00	mud with oil spots	0.20

### Gas Rates

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



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Palomino Petroleum Inc.

**36-16s-25w Ness,KS**

4924 SE 84th St  
New ton KS 67114

**Betty #1**

Job Ticket: 64569

**DST#: 1**

ATTN: Ryan Seib

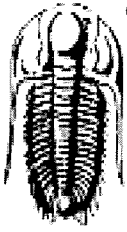
Test Start: 2016.05.10 @ 11:08:15

### Tool Information

Drill Pipe:	Length: 3609.00 ft	Diameter: 3.80 inches	Volume: 50.62 bbl	Tool Weight: 1500.00 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: 561.00 ft	Diameter: 2.25 inches	Volume: 2.76 bbl	Weight to Pull Loose: 115000.0 lb
			<u>Total Volume: 53.38 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 100000.0 lb
Depth to Top Packer:	4168.00 ft			Final 102000.0 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	244.00 ft			
Tool Length:	272.00 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			4141.00	
Shut In Tool	5.00			4146.00	
Hydraulic tool	5.00			4151.00	
Jars	5.00			4156.00	
Safety Joint	3.00			4159.00	
Packer	5.00			4164.00	28.00 Bottom Of Top Packer
Packer	4.00			4168.00	
Stubb	1.00			4169.00	
Perforations	5.00			4174.00	
Recorder	0.00	8646	Inside	4174.00	
Recorder	0.00	8737	Outside	4174.00	
Change Over Sub	1.00			4175.00	
Drill Pipe	218.00			4393.00	
Change Over Sub	1.00			4394.00	
Perforations	13.00			4407.00	
Bullnose	5.00			4412.00	244.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>272.00</b>				



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

Palomino Petroleum Inc.

**36-16s-25w Ness,KS**

4924 SE 84th St  
New ton KS 67114

**Betty #1**

Job Ticket: 64569

**DST#: 1**

ATTN: Ryan Seib

Test Start: 2016.05.10 @ 11:08:15

### 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:	0 ppm
Viscosity: 47.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.93 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 4500.00 ppm			
Filter Cake: 1.00 inches			

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	mud w ith oil spots	0.197

Total Length: 40.00 ft      Total Volume: 0.350 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

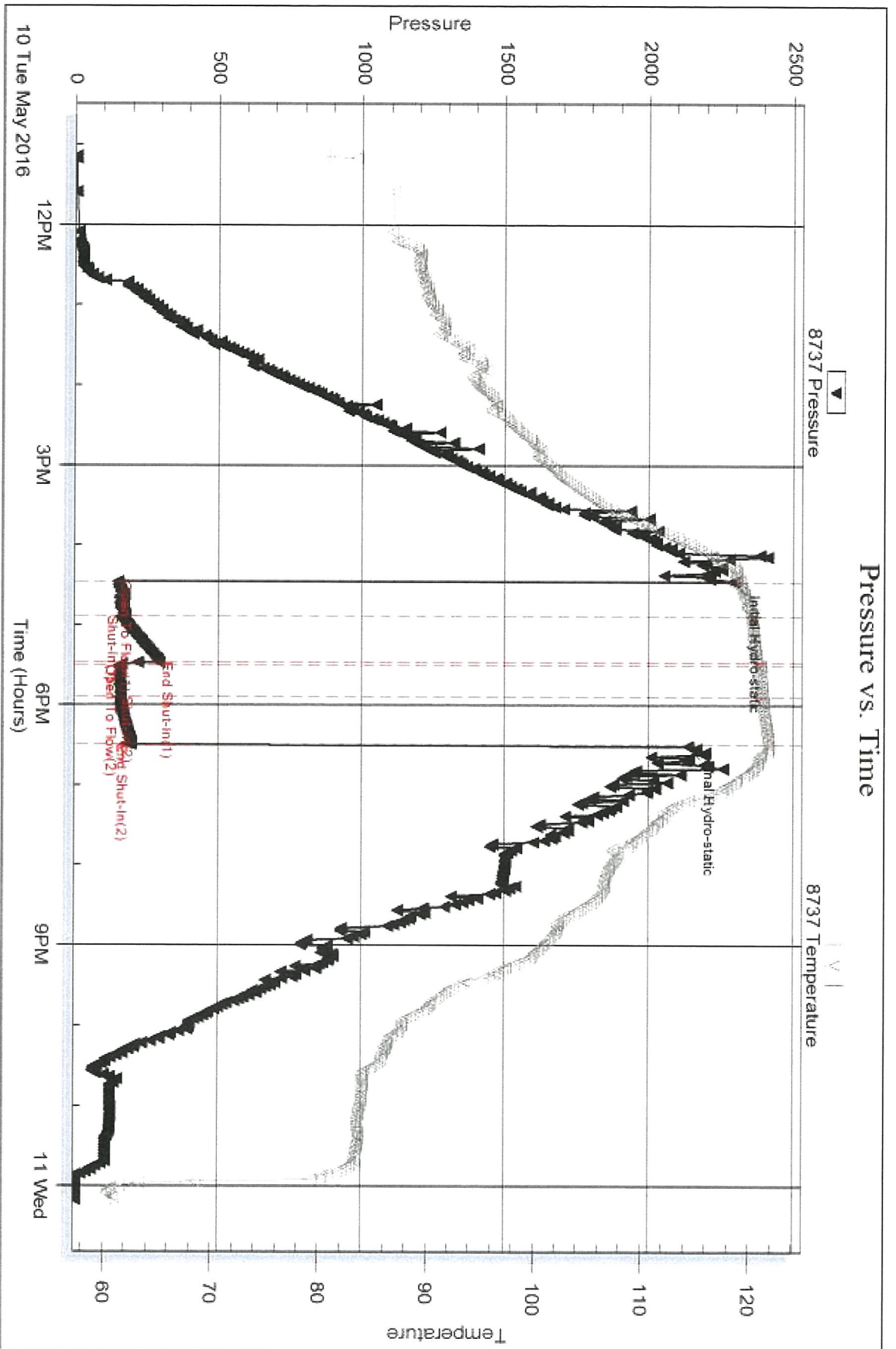
Recovery Comments:

Serial #: 8737

Outside Palomino Petroleum Inc.

Betty #1

DST Test Number: 1



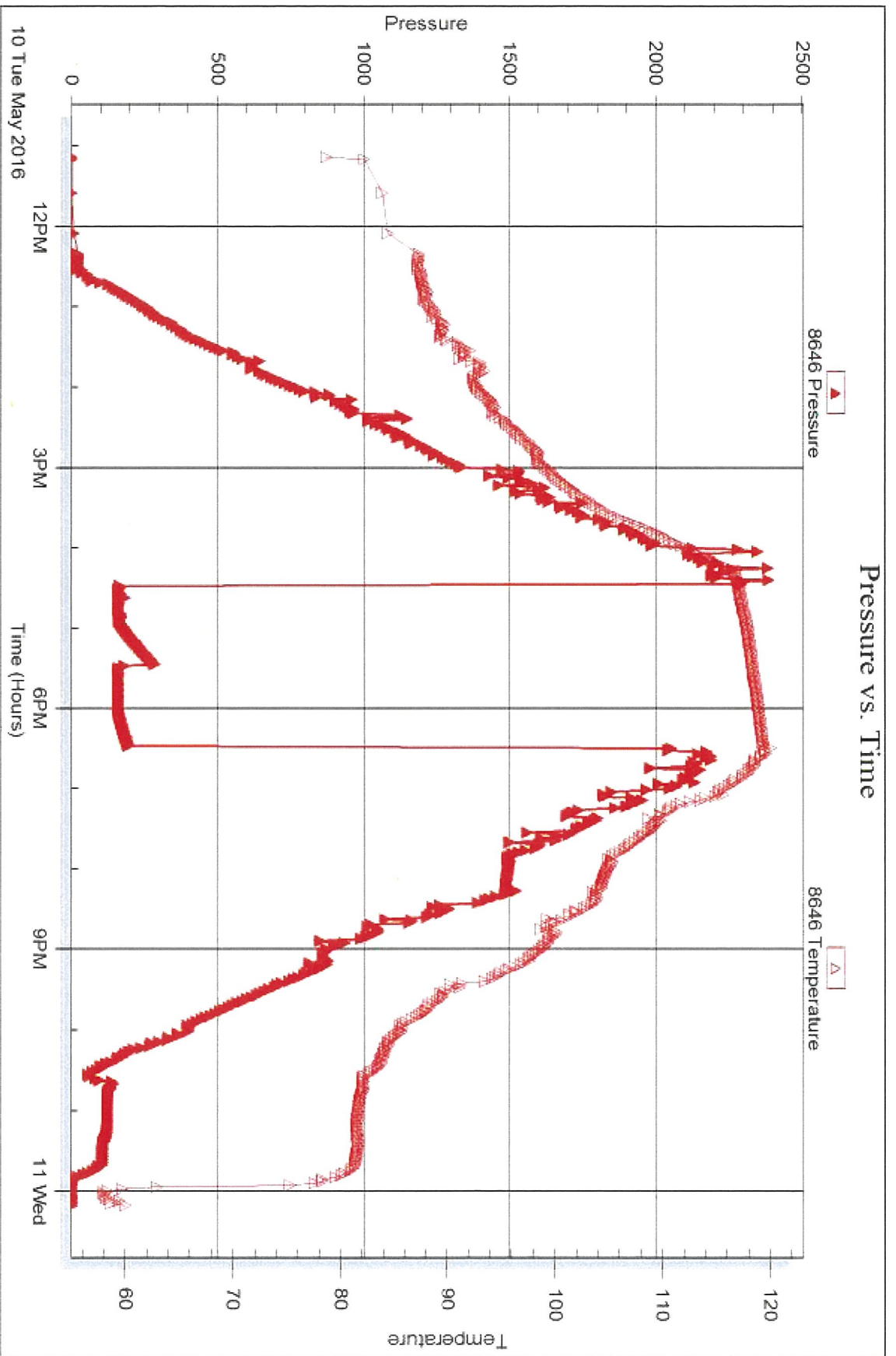
Serial #: 8646

Inside

Palomino Petroleum Inc.

Betty #1

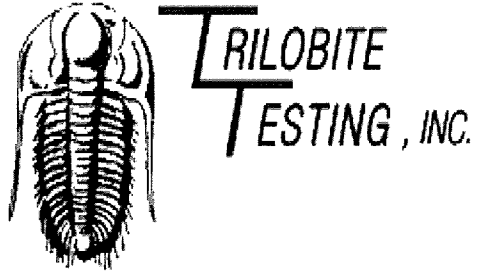
OST Test Number: 1



Triobite Testing, Inc

Ref. No: 64569

Printed 2016.05.16 @ 16:32:08



## DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc.**

4924 SE 84th St  
Newton KS 67114

ATTN: Ryan Seib

### **Betty #1**

#### **36-16s-25w Ness,KS**

Start Date: 2016.05.12 @ 09:16:15

End Date: 2016.05.12 @ 21:30:00

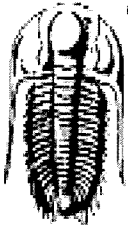
Job Ticket #: 64570                      DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2016.05.16 @ 16:31:13



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Palomino Petroleum Inc.

**36-16s-25w Ness,KS**

4924 SE 84th St  
New ton KS 67114

**Betty #1**

Job Ticket: 64570

**DST#: 2**

ATTN: Ryan Seib

Test Start: 2016.05.12 @ 09:16:15

## GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:30:30

Time Test Ended: 21:30:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 75

Interval: **4416.00 ft (KB) To 4476.00 ft (KB) (TVD)**

Reference Elevations: 2486.00 ft (KB)

Total Depth: 4476.00 ft (KB) (TVD)

2474.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 12.00 ft

**Serial #: 8737**

**Outside**

Press@RunDepth: 65.07 psig @ 4421.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.05.12

End Date:

2016.05.12

Last Calib.: 2016.05.12

Start Time: 09:16:15

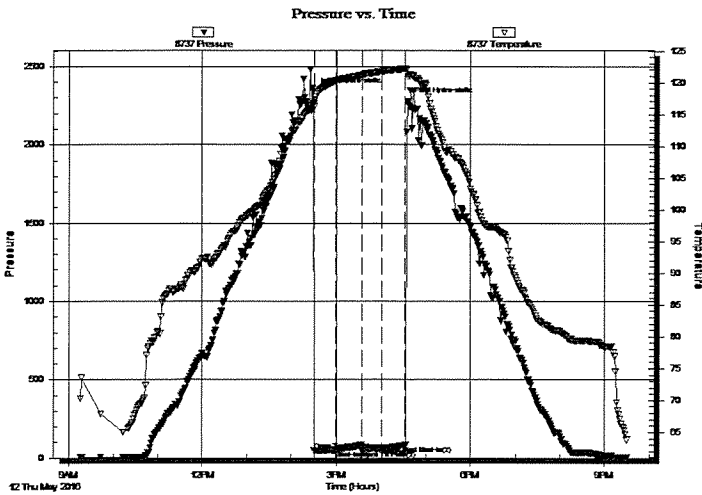
End Time:

21:30:00

Time On Btm: 2016.05.12 @ 14:30:15

Time Off Btm: 2016.05.12 @ 16:35:45

TEST COMMENT: IF:Weak surface blow  
IS:No return blow  
FF:No blow  
FS:No return blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2340.10	116.69	Initial Hydro-static
1	45.88	116.24	Open To Flow (1)
29	49.17	120.28	Shut-In(1)
63	84.41	121.15	End Shut-In(1)
63	48.39	121.14	Open To Flow (2)
91	65.07	121.76	Shut-In(2)
122	81.30	122.23	End Shut-In(2)
126	2275.73	120.96	Final Hydro-static

## Recovery

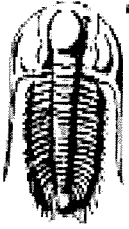
Length (ft)	Description	Volume (bbl)
2.00	mud 100% mud	0.00

\* Recovery from multiple tests

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Palomino Petroleum Inc.  
4924 SE 84th St  
New ton KS 67114  
ATTN: Ryan Seib

**36-16s-25w Ness,KS**  
**Betty #1**  
Job Ticket: 64570      DST#: 2  
Test Start: 2016.05.12 @ 09:16:15

## GENERAL INFORMATION:

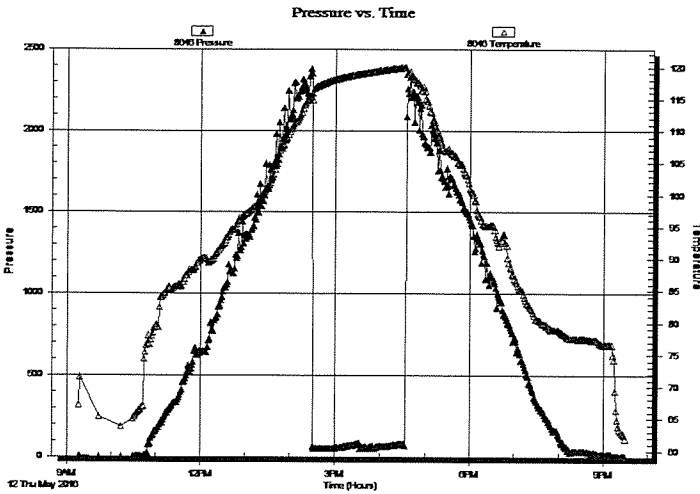
Formation: <b>Miss</b>		Test Type: Conventional Bottom Hole (Reset)
Deviated: No Whipstock:      ft (KB)		Tester: Mike Roberts
Time Tool Opened: 14:30:30		Unit No: 75
Time Test Ended: 21:30:00		Reference Elevations: 2486.00 ft (KB)
<b>Interval: 4416.00 ft (KB) To 4476.00 ft (KB) (TVD)</b>		2474.00 ft (CF)
Total Depth: 4476.00 ft (KB) (TVD)		KB to GR/CF: 12.00 ft
Hole Diameter: 7.88 inches Hole Condition: Fair		

## Serial #: 8646

Inside

Press@RunDepth:      psig @ 4421.00 ft (KB)	Capacity: 8000.00 psig
Start Date: 2016.05.12	End Date: 2016.05.12
Start Time: 09:16:15	End Time: 21:29:45
	Last Calib.: 2016.05.12
	Time On Btm:
	Time Off Btm:

TEST COMMENT: IF:Weak surface blow  
IS:No return blow  
FF:No blow  
FS:No return blow



## PRESSURE SUMMARY

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

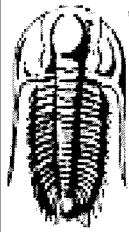
## Recovery

Length (ft)	Description	Volume (bbl)
2.00	mud 100% mud	0.00

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum Inc.

36-16s-25w Ness,KS

4924 SE 84th St  
New ton KS 67114

Betty #1

Job Ticket: 64570

DST#: 2

ATTN: Ryan Seib

Test Start: 2016.05.12 @ 09:16:15

### Tool Information

Drill Pipe:	Length: 3841.00 ft	Diameter: 3.00 inches	Volume: 33.58 bbl	Tool Weight: 1500.00 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: 561.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 120000.0 lb
			<b>Total Volume: 33.58 bbl</b>	Tool Chased 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 105000.0 lb
Depth to Top Packer:	4416.00 ft			Final 106000.0 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	60.00 ft			
Tool Length:	88.00 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			4389.00	
Shut In Tool	5.00			4394.00	
Hydraulic tool	5.00			4399.00	
Jars	5.00			4404.00	
Safety Joint	3.00			4407.00	
Packer	5.00			4412.00	28.00 Bottom Of Top Packer
Packer	4.00			4416.00	
Stubb	1.00			4417.00	
Perforations	4.00			4421.00	
Recorder	0.00	8646	Inside	4421.00	
Recorder	0.00	8737	Outside	4421.00	
Change Over Sub	1.00			4422.00	
Drill Pipe	31.00			4453.00	
Change Over Sub	1.00			4454.00	
Perforations	17.00			4471.00	
Bullnose	5.00			4476.00	60.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>88.00</b>				



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Palomino Petroleum Inc.

**36-16s-25w Ness,KS**

4924 SE 84th St  
New ton KS 67114

**Betty #1**

Job Ticket: 64570

**DST#: 2**

ATTN: Ryan Seib

Test Start: 2016.05.12 @ 09:16:15

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.96 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	mud 100% mud	0.000

Total Length: 2.00 ft

Total Volume: bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

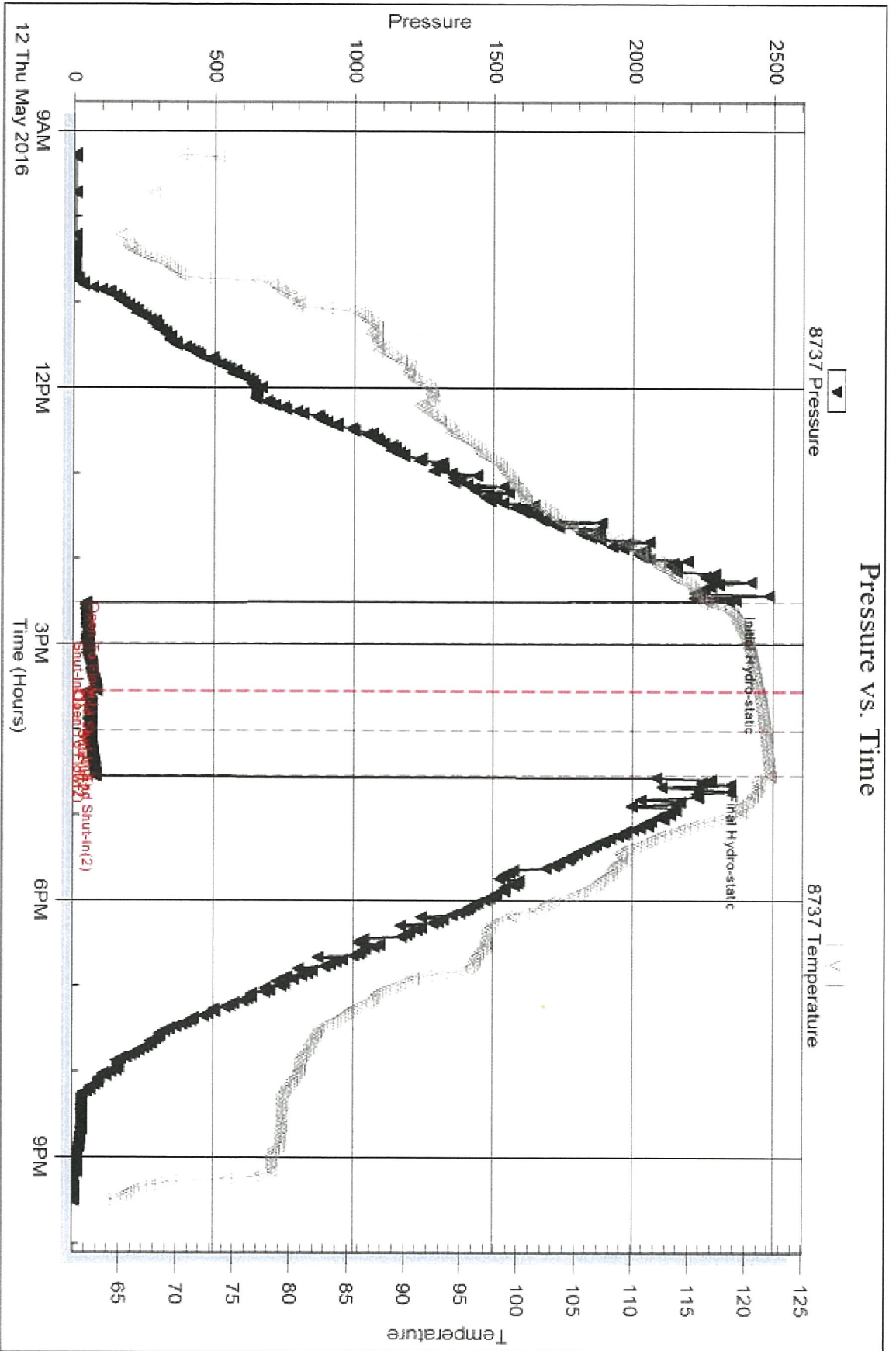
Recovery Comments:

Serial #: 8737

Outside Palomino Petroleum Inc.

Betty #1

DST Test Number: 2



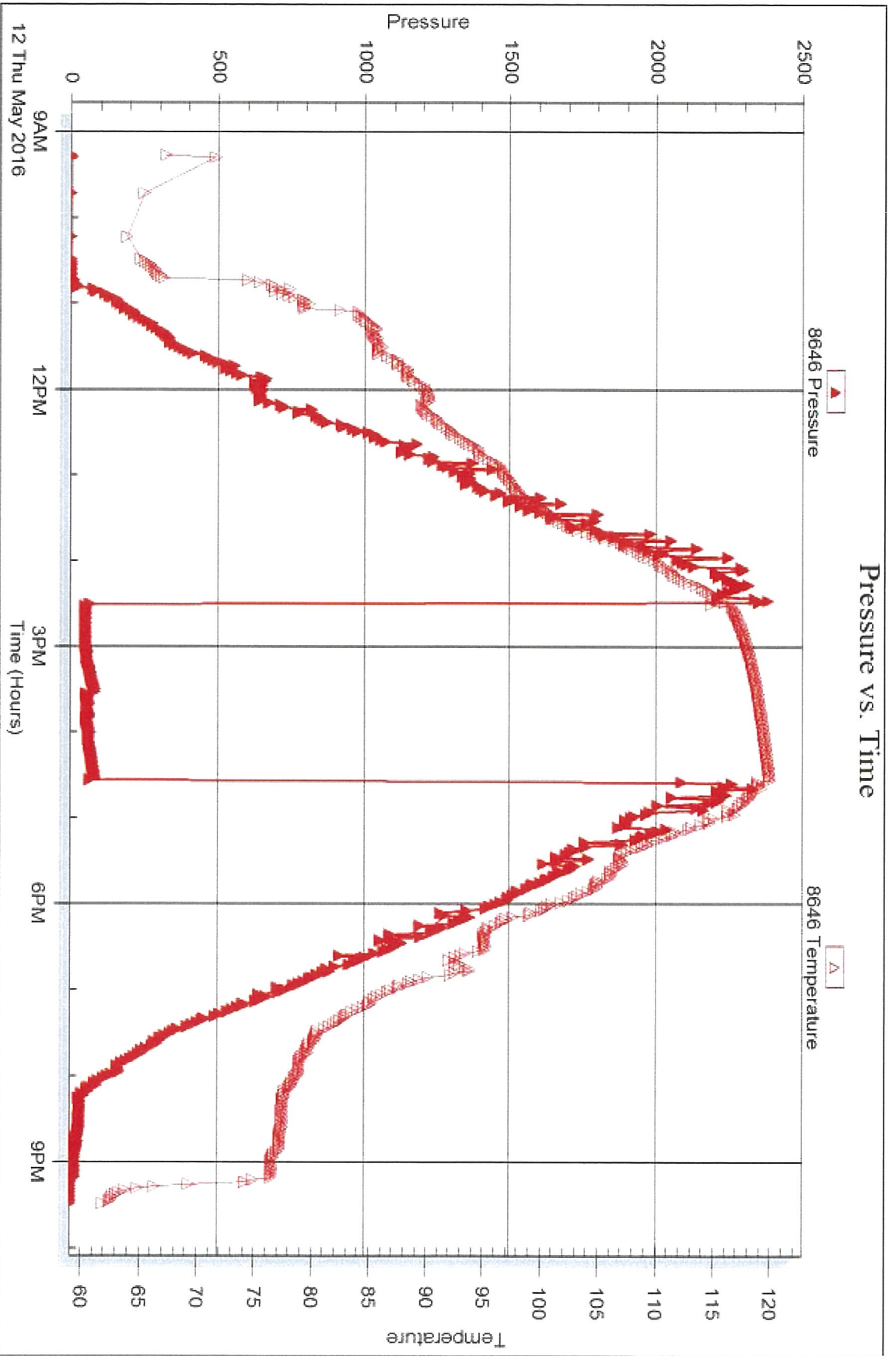
Serial #: 8646

Inside

Palomino Petroleum Inc.

Betty #1

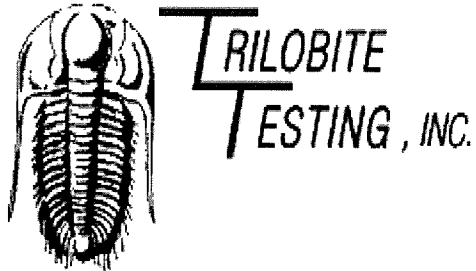
DST Test Number: 2



Tribolite Testing, Inc

Ref. No: 64570

Printed 2016 05 16 @ 16:31:14



## DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc.**

4924 SE 84th St  
Newton KS 67114

ATTN: Ryan Seib

**Betty #1**

**36-16s-25w Ness,KS**

Start Date: 2016.05.13 @ 09:37:15

End Date: 2016.05.13 @ 21:43:30

Job Ticket #: 64571                      DST #: 3

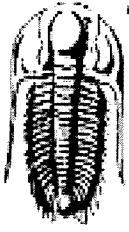
Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2016.05.16 @ 16:29:32

Palomino Petroleum Inc. 36-16s-25w Ness,KS Betty #1 DST # 3 Miss 2016.05.13



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Palomino Petroleum Inc.

**36-16s-25w Ness,KS**

4924 SE 84th St  
New ton KS 67114

**Betty #1**

Job Ticket: 64571

**DST#: 3**

ATTN: Ryan Seib

Test Start: 2016.05.13 @ 09:37:15

## GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:11:45

Time Test Ended: 21:43:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 75

Interval: **4416.00 ft (KB) To 4491.00 ft (KB) (TVD)**

Total Depth: 4491.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2486.00 ft (KB)

2474.00 ft (CF)

KB to GR/CF: 12.00 ft

**Serial #: 8737**

**Outside**

Press@RunDepth: 304.18 psig @ 4421.00 ft (KB)

Start Date: 2016.05.13

End Date:

2016.05.13

Start Time: 09:37:15

End Time:

21:43:30

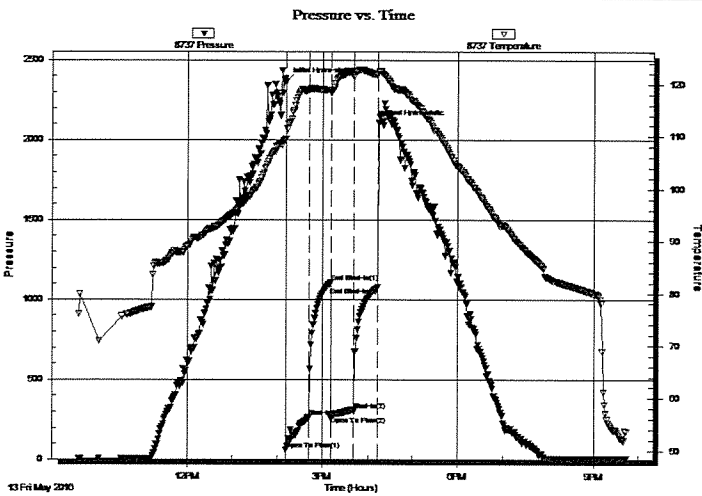
Capacity: 8000.00 psig

Last Calib.: 2016.05.13

Time On Btm: 2016.05.13 @ 14:11:15

Time Off Btm: 2016.05.13 @ 16:14:45

TEST COMMENT: IF:BOB in 10 min.  
IS:No return blow  
FF:BOB in 10 min.  
FS:No return blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2364.68	109.50	Initial Hydro-static
1	58.14	109.46	Open To Flow (1)
32	262.60	118.95	Shut-In(1)
60	1107.44	118.81	End Shut-In(1)
61	271.08	118.32	Open To Flow (2)
91	304.18	121.56	Shut-In(2)
123	1077.57	121.76	End Shut-In(2)
124	2103.65	122.37	Final Hydro-static

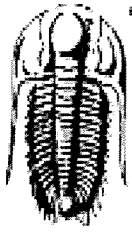
## Recovery

Length (ft)	Description	Volume (bbl)
390.00	mcgo 5%m 10%g 85%o	1.92
120.00	gcom 2%g 3%o 95%m	0.59
60.00	mcgo 5%m 10%g 85%o	0.38
64.00	ocm 5%o 95%m	0.90
128.00	free oil 100% o	1.80

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Palomino Petroleum Inc.

**36-16s-25w Ness,KS**

4924 SE 84th St  
New ton KS 67114

**Betty #1**

ATTN: Ryan Seib

Job Ticket: 64571

**DST#: 3**

Test Start: 2016.05.13 @ 09:37:15

## GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:11:45

Time Test Ended: 21:43:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 75

Interval: **4416.00 ft (KB) To 4491.00 ft (KB) (TVD)**

Total Depth: 4491.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2486.00 ft (KB)

2474.00 ft (CF)

KB to GR/CF: 12.00 ft

**Serial #: 8646** Inside

Press@RunDepth: psig @ 4421.00 ft (KB)

Start Date: 2016.05.13

End Date:

2016.05.13

Capacity: 8000.00 psig

Last Calib.: 2016.05.13

Start Time: 09:37:15

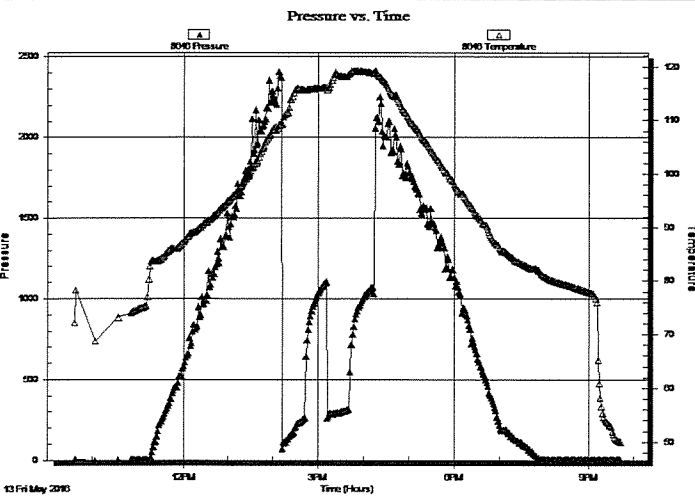
End Time:

21:43:15

Time On Btm:

Time Off Btm:

TEST COMMENT: IF:BOB in 10 min.  
IS:No return blow  
FF:BOB in 10 min.  
FS:No return blow



## PRESSURE SUMMARY

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

## Recovery

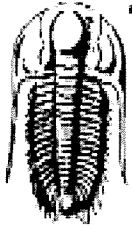
Length (ft)	Description	Volume (bbl)
390.00	mcgo 5%m 10%g 85%o	1.92
120.00	gcom 2%g 3%o 95%m	0.59
60.00	mcgo 5%m 10%g 85%o	0.38
64.00	ocm 5%o 95%m	0.90
128.00	free oil 100% o	1.80

\* Recovery from multiple tests

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Palomino Petroleum Inc.

**36-16s-25w Ness,KS**

4924 SE 84th St  
New ton KS 67114

**Betty #1**

Job Ticket: 64571

**DST#: 3**

ATTN: Ryan Seib

Test Start: 2016.05.13 @ 09:37:15

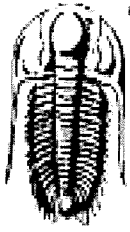
### Tool Information

Drill Pipe:	Length: 3838.00 ft	Diameter: 3.80 inches	Volume: 53.84 bbl	Tool Weight: 1500.00 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: 561.00 ft	Diameter: 2.25 inches	Volume: 2.76 bbl	Weight to Pull Loose: 115000.0 lb
			<u>Total Volume: 56.60 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial 102000.0 lb
Depth to Top Packer:	4416.00 ft			Final 106000.0 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	75.00 ft			
Tool Length:	103.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4389.00	
Shut In Tool	5.00			4394.00	
Hydraulic tool	5.00			4399.00	
Jars	5.00			4404.00	
Safety Joint	3.00			4407.00	
Packer	5.00			4412.00	28.00 Bottom Of Top Packer
Packer	4.00			4416.00	
Stubb	1.00			4417.00	
Perforations	4.00			4421.00	
Recorder	0.00	8646	Inside	4421.00	
Recorder	0.00	8737	Outside	4421.00	
Change Over Sub	1.00			4422.00	
Drill Pipe	63.00			4485.00	
Change Over Sub	1.00			4486.00	
Bullnose	5.00			4491.00	75.00 Bottom Packers & Anchor

**Total Tool Length: 103.00**



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Palomino Petroleum Inc.

**36-16s-25w Ness,KS**

4924 SE 84th St  
New ton KS 67114

**Betty #1**

Job Ticket: 64571

**DST#: 3**

ATTN: Ryan Seib

Test Start: 2016.05.13 @ 09:37:15

**Mud and Cushion Information**

Mud Type: Gel Chem	Cushion Type:	Oil API: 37 deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity: 0 ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl	
Water Loss: 9.16 in <sup>3</sup>	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 4100.00 ppm		
Filter Cake: 1.00 inches		

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
390.00	mcgo 5%m 10%g 85%o	1.918
120.00	gcom 2%g 3%o 95%m	0.590
60.00	mcgo 5%m 10%g 85%o	0.377
64.00	ocm 5%o 95%m	0.898
128.00	free oil 100% o	1.796

Total Length: 762.00 ft      Total Volume: 5.579 bbl

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

Laboratory Name:      Laboratory Location:

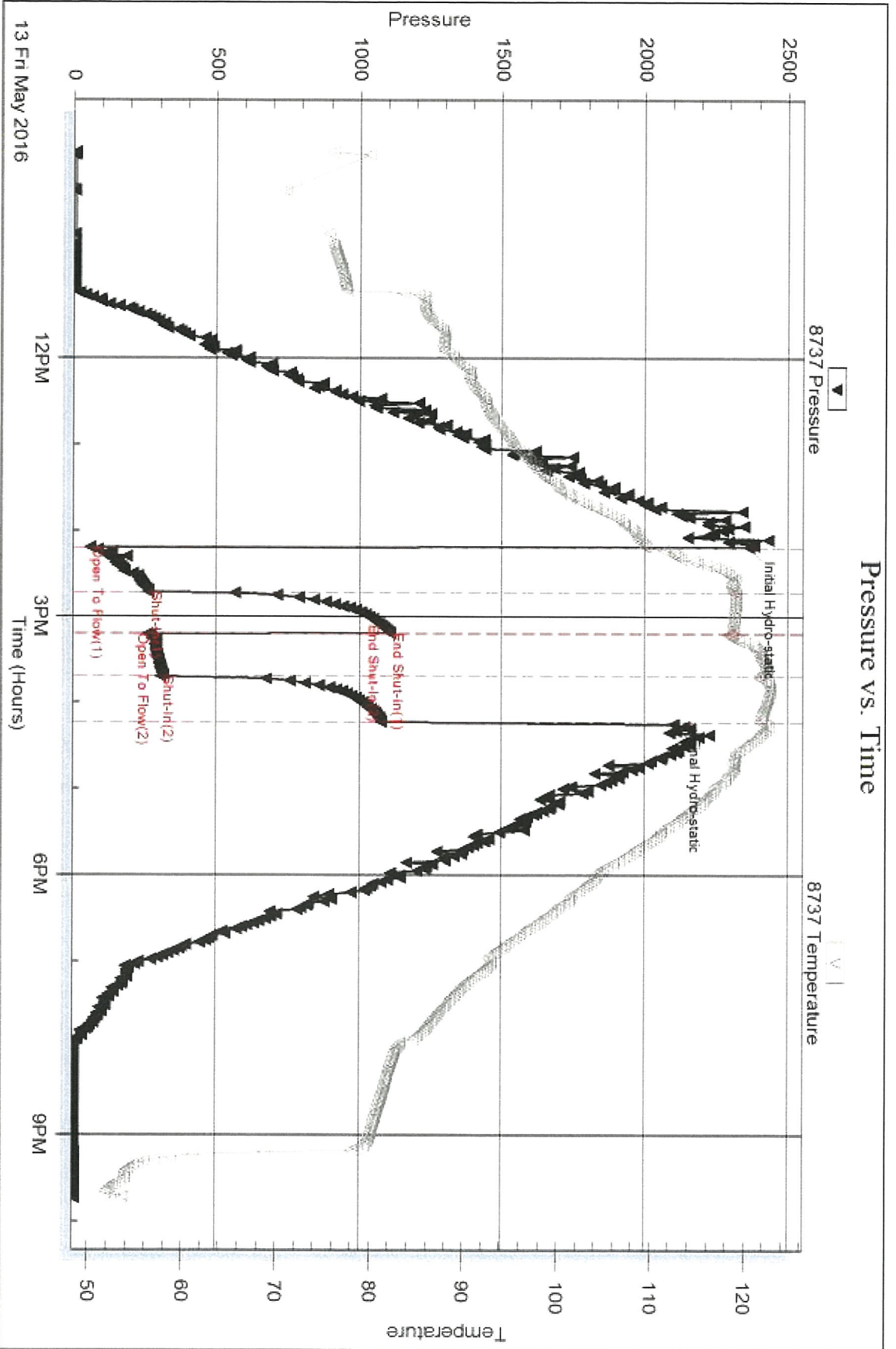
Recovery Comments: API= 36@ 50 corrected to 37 @ 60

Serial #: 8737

Outside Palomino Petroleum Inc.

Betty #1

DST Test Number: 3



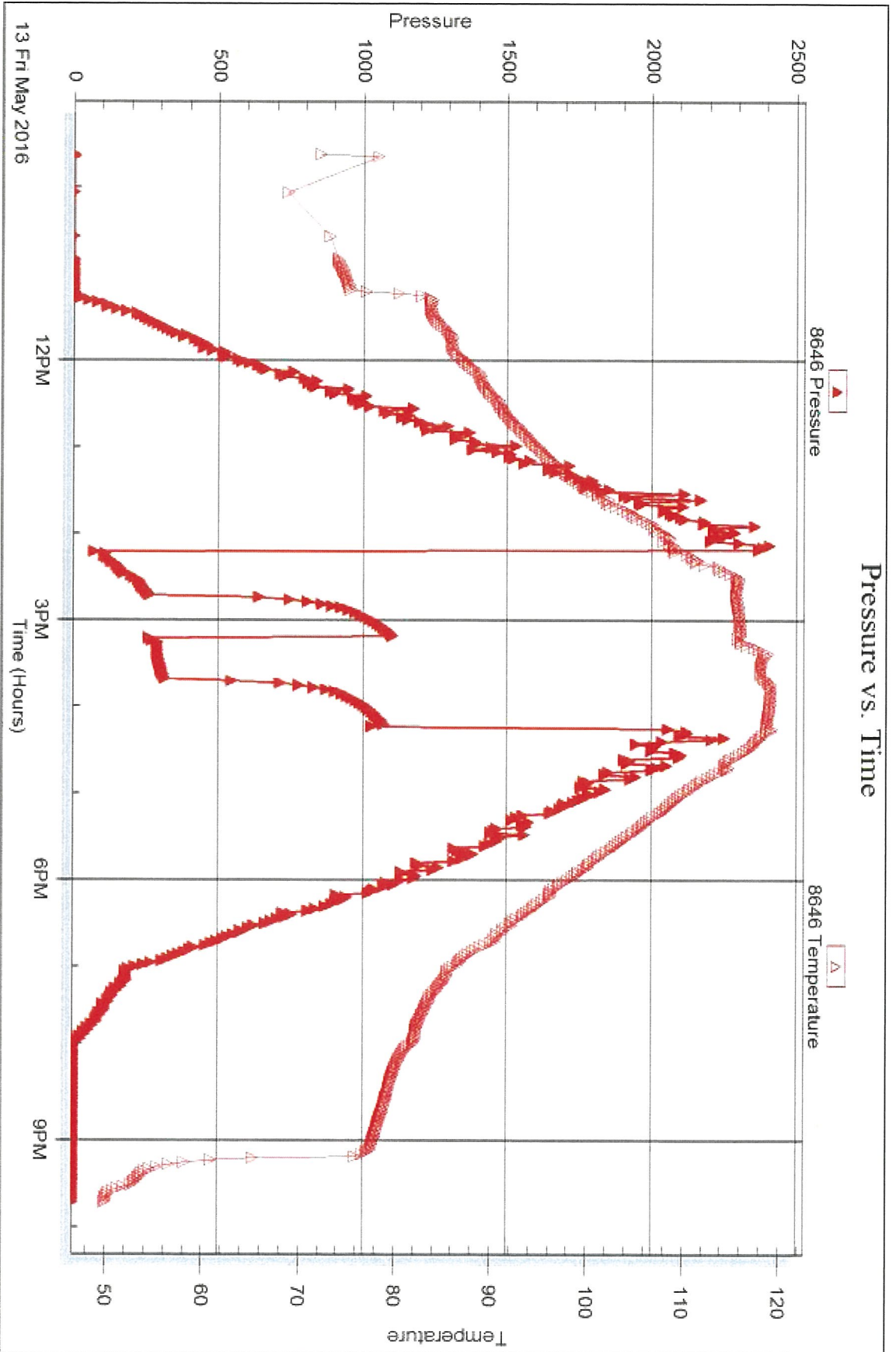
Serial #: 8646

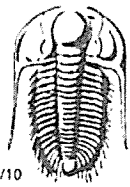
Inside

Palomino Petroleum Inc.

Betty #1

DST Test Number: 3





# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 64569

Well Name & No. Betty #1 Test No. 1 Date 5-9-16  
 Company Palomino Petroleum Elevation 2486 KB 2474 GL  
 Address 4924 SE 84th St. Newton KS 67114  
 Co. Rep / Geo. Ryan Seib Rig WW16  
 Location: Sec. 36 Twp. 16S Rge. 25W Co. NESS State KS

Interval Tested 4168-4412 Zone Tested Marmaton - Ft. Scott  
 Anchor Length 244 Drill Pipe Run ~~4770~~ 3609 Mud Wt. 9.4  
 Top Packer Depth 4163 Drill Collars Run 561 Vis 47  
 Bottom Packer Depth ~~4168~~ Wt. Pipe Run Ø WL 8.0  
 Total Depth 4412 Chlorides 4500 ppm System LCM 4  
 Blow Description IF. Built to 1" Blow  
FS. No Return Blow  
FF. Built to 1/2" Blow  
FS. No Return Blow

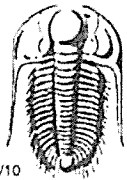
Rec	Feet of	%gas	%oil	%water	%mud
<u>40</u>	<u>mud with oil spots</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 40 BHT 120 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>2294</u>	<input checked="" type="checkbox"/> Test <u>\$150.00</u>	T-On Location <u>08:31</u>
(B) First Initial Flow <u>152</u>	<input checked="" type="checkbox"/> Jars <u>\$250.00</u>	T-Started <u>11:08</u>
(C) First Final Flow <u>162</u>	<input checked="" type="checkbox"/> Safety Joint <u>\$75.00</u>	T-Open <u>16:28</u>
(D) Initial Shut-In <u>297</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>18:28</u>
(E) Second Initial Flow <u>156</u>	<input type="checkbox"/> Hourly Standby <u>5.5h 440</u>	T-Out <u>00:10</u>
(F) Second Final Flow <u>157</u>	<input checked="" type="checkbox"/> Mileage <u>122 RT \$122.00</u>	Comments <u>91.50</u>
(G) Final Shut-In <u>194</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2137</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby	Total <u>1716.50 +440</u>
	<input checked="" type="checkbox"/> Accessibility <u>\$150.00</u>	MP/DST Disc't
	Sub Total <u>1716.50 \$9747.00/-</u>	

Approved By [Signature] 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. 64570

Well Name & No. Betty #1 Test No. 2 Date 5-12-11  
 Company Palomino Petroleum Inc Elevation 2486 KB 2474 GL  
 Address 4924 SE 84<sup>th</sup> St Newton KS 67114  
 Co. Rep / Geo. Ryan Seib Rig WW16  
 Location: Sec. 36 Twp. 16S Rge. 25W Co. NESS State KS

Interval Tested 4416-4476 Zone Tested Miss  
 Anchor Length 60 Drill Pipe Run 3841 Mud Wt. 9.5  
 Top Packer Depth 4411 Drill Collars Run 561 Vis 56  
 Bottom Packer Depth 4416 Wt. Pipe Run 0 WL 8.0  
 Total Depth 4476 Chlorides 3500 ppm System LCM 4  
 Blow Description IF: Weak Surface Blow  
IS: NO Return Blow  
FF: NO Blow  
FS: NO Return Blow

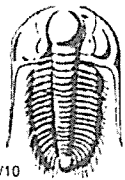
Rec	Feet of	%gas	%oil	%water	%mud
<u>2</u>	<u>MUD</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 2 BHT 122 Gravity — API RW — @ — F Chlorides 0 ppm  
 (A) Initial Hydrostatic 2340  Test 1150.00 T-On Location 07:55  
 (B) First Initial Flow 45  Jars 250.00 T-Started 09:16  
 (C) First Final Flow 49  Safety Joint 75.00 T-Open 14:30  
 (D) Initial Shut-In 84  Circ Sub NC T-Pulled 16:30  
 (E) Second Initial Flow 48  Hourly Standby 3.5h 280.00 T-Out 21:30  
 (F) Second Final Flow 61  Mileage RT122 #122.00 Comments \_\_\_\_\_  
 (G) Final Shut-In 81  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 2275  Straddle \_\_\_\_\_

Shale Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_  
 Day Standby \_\_\_\_\_  
 Accessibility R 150.00/- MP/DST Disc't \_\_\_\_\_  
 Sub Total 1747.00/- 1716.50

Initial Open 30  
 Initial Shut-In 30  
 Final Flow 30  
 Final Shut-In 30  
 Approved By [Signature] 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. 64571

Well Name & No. Betty #1 Test No. 3 Date 5-13-12  
 Company Dalomino Petroleum Inc Elevation 2486 KB 2474 GL  
 Address 4924 SE 84th St. Newton KS 67114  
 Co. Rep / Geo. Ryan Seib Rig WW16  
 Location: Sec. 36 Twp. 16S Rge. 25W Co. Ness State KS

Interval Tested 4416-4491 Zone Tested MISS  
 Anchor Length 75 Drill Pipe Run 3838 Mud Wt. 9.5  
 Top Packer Depth 4411 Drill Collars Run 561 Vis 50  
 Bottom Packer Depth 4416 Wt. Pipe Run Ø WL 9.2  
 Total Depth 4491 Chlorides 4100 ppm System LCM 3

Blow Description IF: BOB in 10 Min.  
IS: No Return Blow  
FF: BOB in 10 Min  
FS: No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>120</u>	<u>Free Oil</u>	<u>100</u>			
<u>64</u>	<u>OCM</u>	<u>5</u>		<u>95</u>	
<u>60</u>	<u>MCgo</u>	<u>10</u>	<u>85</u>	<u>5</u>	
<u>120</u>	<u>gldm</u>	<u>2</u>	<u>3</u>	<u>95</u>	
<u>390</u>	<u>MCgo</u>	<u>10</u>	<u>85</u>	<u>5</u>	

Rec Total 762 BHT 124 Gravity 37 API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>2364</u>	<input checked="" type="checkbox"/> Test <u>\$1150.00</u>	T-On Location <u>09:05</u>
(B) First Initial Flow <u>58</u>	<input checked="" type="checkbox"/> Jars <u>250.00</u>	T-Started <u>09:37</u>
(C) First Final Flow <u>262</u>	<input checked="" type="checkbox"/> Safety Joint <u>\$75.00</u>	T-Open <u><del>14:12</del> 14:12</u>
(D) Initial Shut-In <u>1107</u>	<input checked="" type="checkbox"/> Circ Sub <u>NC</u>	T-Pulled <u><del>16:12</del> 16:12</u>
(E) Second Initial Flow <u>271</u>	<input type="checkbox"/> Hourly Standby <u>2.75h 220</u>	T-Out <u>21:43</u>
(F) Second Final Flow <u>304</u>	<input checked="" type="checkbox"/> Mileage <u>RT 122 \$122.00</u>	Comments _____
(G) Final Shut-In <u>1077</u>	<input type="checkbox"/> Sampler <u>91.50</u>	_____
(H) Final Hydrostatic <u>2103</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Shale Packer _____

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

Shale Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_  
 Day Standby \_\_\_\_\_  
 Accessibility \$450.00

Sub Total 1716.50 \$1747.00/-

Ruined Packer \_\_\_\_\_  
 Extra Copies \_\_\_\_\_  
 Sub Total 0  
 Total 1716.50 +220  
 MP/DST Disc't \_\_\_\_\_

Approved By [Signature] 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.