



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



RECEIVED

FEB 26 2014

# Invoice

DATE	INVOICE #
2/21/2014	25823

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	Coomhs-Will...	Ness	Cheyenne Well Se...	Oil	Development	Cement Port Collar	Wayne

PRICE REF.	DESCRIPTION	QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way	15	Miles	6.00	90.00
576D-D	Pump Charge - Port Collar	1	Job	1,500.00	1,500.00
105	Port Collar Tool Rental With Man	1	Each	350.00	350.00T
330	Swift Multi-Density Standard (MIDCON II)	140	Sacks	18.50	2,590.00T
276	Flocele	50	Lb(s)	2.50	125.00T
290	D-Air	2	Gallon(s)	42.00	84.00T
581D	Service Charge Cement	200	Sacks	2.00	400.00
582D	Minimum Drayage Charge	1	Each	250.00	250.00
	Subtotal				5,389.00
	Sales Tax Ness County			6.15%	193.66

**We Appreciate Your Business!**

**Total**

\$5,582.66



Services, Inc.

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

TICKET 25823  
 PAGE 1 OF 1

1. WELL/PROJECT NO. #1  
 LEASE: Coome-Williams  
 COUNTY/PARISH: Ness  
 STATE: KS  
 CITY:   
 ORDER NO. 2-21-14  
 OWNER: SAME

2. TICKET TYPE:  SERVICE  
 SALES  
 CONTRACTOR: CHESTER Well Service  
 RIG NAME NO.:  
 SHIPPED VIA: CT  
 DELIVERED TO: location

3. WELL TYPE: ORL  
 WELL CATEGORY: Development  
 JOB PURPOSE: Cement Port Curve  
 WELL PERMIT NO.:  
 WELL LOCATION: NW/ Ness City, KS

4. REFERRAL LOCATION: INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.			UNIT PRICE	AMOUNT
		LOC	ACCT	DF		QTY.	UM	QTY.		
5115					MILEAGE # 115	15	MI		6.00	90.00
576b					PUMP CURVE	1	JOB		1500.00	1500.00
105					Port Curve Operating Tool	1	JOB		350.00	350.00
330					SWIFT MORT-DESSERT STAINLESS	140	SUS		18.50	2590.00
276					FLOCCLE	50	BS		2.50	125.00
290					D-ADD	2	GAL		42.00	84.00
581					SEIZE CLARE CEMENT	200	SBS		2.00	400.00
582					MEDIUM DEBRAGE	19950	LBS		149.63	2970.00

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: 2-21-14  
 TIME SIGNED: 1:30 P.M.

SWIFT OPERATOR: Wayne Johnson

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?

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL: \$389.00  
 TAX: 193.00  
 TOTAL: 5582.00

Thank You

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

JOB LOG

SWIFT Services, Inc.

DATE 2-21-14 PAGE NO. 1

CUSTOMER PALOMED PETROLEUM WELL NO. #1 LEASE COOMBS - WILLIAMS JOB TYPE CEMENT PORT CURE TICKET NO. 25823

CHART NO.	TIME	RATE (BPM)	VOLUME (BBGAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1330							ON LOCATION
								TUBING - 2 3/8 CASING - 5 1/2 PORT CURE - 1589'
	1340				✓		1000	PRE TEST CASING - HELD
	1345	3	2	✓		300		OPEN PORT CURE - INT RATE
	1350	3 1/2	78	✓		350		MAX CEMENT - 140 SKS SMD @ 11.2 PP6
	1415	3 1/2	5	✓		500		DISPLACE CEMENT
	1425			✓		1000		CLOSE PORT CURE - PRE TEST - HELD  CIRCULATED 15 SKS CEMENT TO PRE
	1435	4	20	✓		450		RUN SJTS - CIRCULATE CLEAN  WASH TRUCK
	1500							JOB COMPLETE  THANK YOU WAYNE, DAVE, JUAN, DOUG

# SWIFT



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



## Invoice

DATE	INVOICE #
2/14/2014	26104

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

RECEIVED

FEB 19 2014

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1	Cooms-Willi...	Ness	WW Drilling Rig ...	Oil	Development	5-1/2" LongString	Jason
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				15	Miles	6.00	90.00
578D-L	Pump Charge - Long String				1	Job	1,500.00	1,500.00
403-5	5 1/2" Cement Basket				2	Each	300.00	600.00T
404-5	5 1/2" Port Collar - 1593 Feet				1	Each	2,900.00	2,900.00T
406-5	5 1/2" Latch Down Plug & Baffle				1	Each	275.00	275.00T
407-5	5 1/2" Insert Float Shoe With Auto Fill				1	Each	375.00	375.00T
409-5	5 1/2" Turbolizer				9	Each	90.00	810.00T
419-5	5 1/2" Rotating Head Rental				1	Each	200.00	200.00T
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)	2.50	150.00T
283	Salt				500	Lb(s)	0.20	100.00T
284	Calseal				5	Sack(s)	35.00	175.00T
285	CFR-1				50	Lb(s)	4.50	225.00T
290	D-Air				2.5	Gallon(s)	42.00	105.00T
325	Standard Cement				100	Sacks	14.50	1,450.00T
330	Swift Multi-Density Standard (MIDCON II)				125	Sacks	18.50	2,312.50T
581D	Service Charge Cement				225	Sacks	2.00	450.00
582D	Minimum Drayage Charge				1	Each	250.00	250.00
	Subtotal							12,692.50
	Sales Tax Ness County						6.15%	639.75

**We Appreciate Your Business!**

**Total**

\$13,332.25



Services, Inc.

CHARGE TO: PALMDIN PETROLEUM  
ADDRESS  
CITY, STATE, ZIP CODE

TICKET 26104

LEASE  
LEASOR: WILLIAMSON #1  
LESSOR: NESS

COUNTY: WASHINGTON  
RIG NAME: NESS

STATE: KS  
CITY: NESS CITY, KS

DATE: 14 FEB 14  
ORDER NO.

WELL LOCATION: LEW DRILLING RIG #1 D  
WELL PERMIT NO.: 34082810  
OWNER: LEW DRILLING RIG #1 D

1. SERVICE LOCATION: NESS CITY, KS  
2. TICKET TYPE:  SERVICE  SALES  
3. WELL TYPE: OIL  
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	15	mi			6.00	90.00
578					PUMP CHARGE	1	hrs			1500.00	1500.00
403					CEMENT BASKETS	2	BA			300.00	600.00
404					PORT COLLAR	1	EA	1593	FT.	2900.00	2900.00
406					LATCH DOWN PLUG & BAFFLE	1	EA			275.00	275.00
407					INSERT LUDAR SHOT W/ FILL	1	EA			375.00	375.00
409					TURBIDITERS	9	EA			90.00	810.00
419					ROTATING HEAD RENTAL	1	DD			200.00	200.00
281					MUD FLUSH	500	gal			1.25	625.00
221					ALUMINUM 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.

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

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS  
DATE SIGNED: 14 FEB 14  
TIME SIGNED: 1:30 P.M.

DATE SIGNED: 14 FEB 14  
TIME SIGNED: 1:30 P.M.

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	TOTAL
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				1	7475.00
WE UNDERSTOOD AND MET YOUR NEEDS?				2	5217.50
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			
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					
SUBTOTAL				121092	52
TAX @ 6.15%				639.71	71
TOTAL				127491.71	127

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES: The customer hereby acknowledges receipt of the materials and services listed on this ticket.  
SWIFT OPERATOR: [Signature]  
APPROVAL: [Signature]  
Thank You



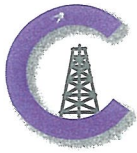
JOB LOG

SWIFT Services, Inc.

DATE 14 FEB 14 PAGE NO.

CUSTOMER VALOMINO PETROLEUM WELL NO. LEASE COONS-WILLIAMSON #1 JOB TYPE 5 1/2 LONGSTRING TICKET NO. 26104

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0800							ON LOCATION
	0845							START PIPE - 5 1/2 - 14" RTD @ 44 L/D SHOE JT. 43.35 CENTRALIZERS 1, 2, 3, 5, 7, 9, 11, 13, 16, 7 BASKETS 2, 168 PORT COLLAR # 168 @ 1593
	1050							DROP BALL - CIRCULATE
	1157	6	12				300	Pump 500 gal MUD FLUSH
		6	20				300	Pump 20 BBL KCL SPACER
	1206		7					PLUG RH - 30sx
		4	36					MIX 95 sx SMD
		4	24					MIX 100 sx EA-2
	1230							WASH OUT PUMP & LINES.
	1233	6						START DISPLACING PLUG
	1251		108				1500	PLUG DOWN LATCH PLUG IN
	1253							RELEASE PSI - DRY
	1255 ↓							WASH TRUCK
	1330							JOB COMPLETE.
								THANKS # 115 JASON DAVE JUAN



**CONSOLIDATED**  
Oil Well Services, LLC

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

**RECEIVED**

**FEB 18 2014**

**MAIN OFFICE**  
P.O. Box 884  
Chanute, KS 66720  
620/431-9210 • 1-800/467-8676  
Fax 620/431-0012

**INVOICE**

Invoice # **265941**

Invoice Date: 02/14/2014 Terms: 10/10/30,n/30

Page **1**

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

COMBS-WILLIAMSON #1  
43101  
7-18S-24W  
02-07-2014  
KS

Part Number	Description	Qty	Unit Price	Total
1104S	CLASS "A" CEMENT (SALE)	165.00	18.5500	3060.75
1102	CALCIUM CHLORIDE (50#)	465.00	.9400	437.10
1118B	PREMIUM GEL / BENTONITE	310.00	.2700	83.70
1111	SODIUM CHLORIDE (GRANULA)	100.00	.0000	.00

Sublet Performed	Description	Total
9996-130	CEMENT MATERIAL DISCOUNT	-358.16
9995-130	CEMENT EQUIPMENT DISCOUNT	-171.12

Description	Hours	Unit Price	Total
399 CEMENT PUMP (SURFACE)	1.00	1150.00	1150.00
399 EQUIPMENT MILEAGE (ONE WAY)	25.00	5.25	131.25
460 MIN. BULK DELIVERY	1.00	430.00	430.00

Amount Due 5513.07 if paid after 03/16/2014

Parts:	3581.55	Freight:	.00	Tax:	198.24	AR	4961.76
Labor:	.00	Misc:	.00	Total:	4961.76		
Sublt:	-529.28	Supplies:	.00	Change:	.00		

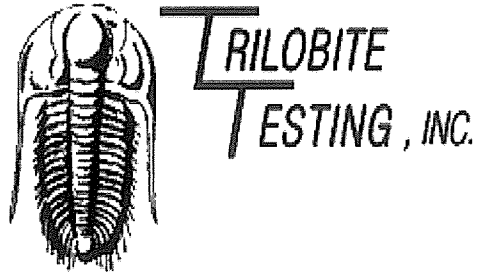
Signed \_\_\_\_\_

Date \_\_\_\_\_

BARTLESVILLE, OK 918/338-0808    EL DORADO, KS 316/322-7022    EUREKA, KS 620/583-7664    PONCA CITY, OK 580/762-2303    OAKLEY, KS 785/672-8822    OTTAWA, KS 785/242-4044    THAYER, KS 620/839-5269    GILLETTE, WY 307/686-4914    CUSHING, OK 918/225-2650







## DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc**

4924 SE 84th St  
Newton, KS 67114-8827

ATTN: Aaron Young

### **Coombs-Williamson #1**

#### **7-18s-24w Ness,KS**

Start Date: 2014.02.10 @ 23:01:04

End Date: 2014.02.11 @ 05:25:04

Job Ticket #: 56276                      DST #: 1

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

Printed: 2014.02.25 @ 13:09:26

Palomino Petroleum Inc

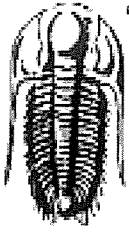
7-18s-24w Ness,KS

Coombs-Williamson #1

DST # 1

LKC A-G

2014.02.10



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Palomino Petroleum Inc  
 4924 SE 84th St  
 Newton, KS 67114-8827  
 ATTN: Aaron Young

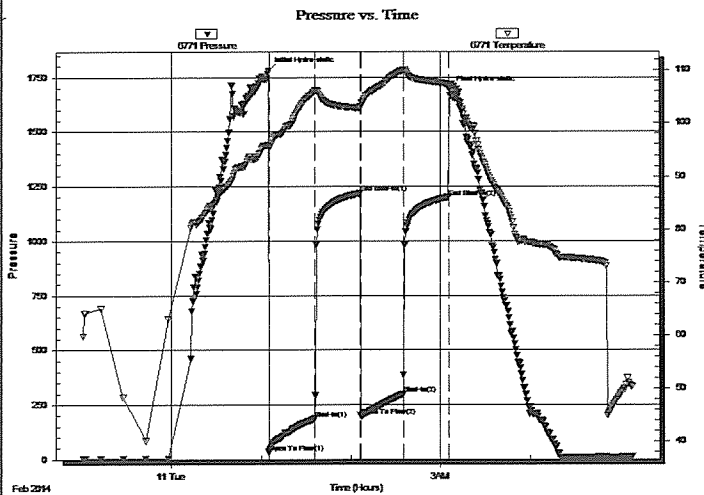
**7-18s-24w Ness, KS**  
**Coombs-Williamson #1**  
 Job Ticket: 56276      **DST#: 1**  
 Test Start: 2014.02.10 @ 23:01:04

**GENERAL INFORMATION:**

Formation: **LKC A-G**  
 Deviated: No Whipstock: 0.00 ft (KB)  
 Time Tool Opened: 01:05:04  
 Time Test Ended: 05:25:04  
 Interval: **3716.00 ft (KB) To 3859.00 ft (KB) (TVD)**  
 Total Depth: 3859.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Shane McBride  
 Unit No: 55  
 Reference Elevations: 2338.00 ft (KB)  
 2333.00 ft (CF)  
 KB to GR/CF: 5.00 ft

**Serial #: 6771      Inside**  
 Press@RunDepth: 300.26 psig @ 3717.00 ft (KB)      Capacity: 8000.00 psig  
 Start Date: 2014.02.10      End Date: 2014.02.11      Last Calib.: 2014.02.11  
 Start Time: 23:01:04      End Time: 05:08:04      Time On Btm: 2014.02.11 @ 01:04:34  
 Time Off Btm: 2014.02.11 @ 03:06:04

**TEST COMMENT:** B.O.B. in 10 min.  
 No return  
 B.O.B. in 13 min.  
 No return



**PRESSURE SUMMARY**

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1780.64	95.97	Initial Hydro-static
1	32.19	95.38	Open To Flow (1)
32	185.97	106.05	Shut-In(1)
62	1218.39	102.82	End Shut-In(1)
62	199.55	103.11	Open To Flow (2)
91	300.26	110.02	Shut-In(2)
121	1200.11	107.38	End Shut-In(2)
122	1691.30	106.99	Final Hydro-static

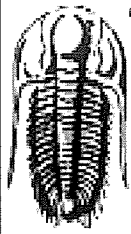
**Recovery**

Length (ft)	Description	Volume (bbl)
310.00	water 100%w	3.24
124.00	s m c w 10% m 90% w	1.74
129.00	m c w 45% m 55% w	1.81

**Gas Rates**

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





**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

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

**7-18s-24w Ness,KS**  
**Coombs-Williamson #1**  
Job Ticket: 56276      **DST#: 1**  
Test Start: 2014.02.10 @ 23:01:04

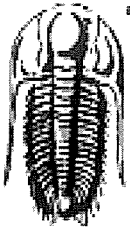
**Tool Information**

Drill Pipe:	Length: 3571.00 ft	Diameter: 3.80 inches	Volume: 50.09 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: 122.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 50.69 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	3716.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval betw een Packers:	143.00 ft			
Tool Length:	171.00 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			3689.00	
Shut In Tool	5.00			3694.00	
Hydraulic tool	5.00			3699.00	
Jars	5.00			3704.00	
Safety Joint	3.00			3707.00	
Packer	5.00			3712.00	28.00      Bottom Of Top Packer
Packer	4.00			3716.00	
Stubb	1.00			3717.00	
Recorder	0.00	6771	Inside	3717.00	
Recorder	0.00	8844	Outside	3717.00	
Perforations	9.00			3726.00	
Change Over Sub	1.00			3727.00	
Drill Pipe	126.00			3853.00	
Change Over Sub	1.00			3854.00	
Bullnose	5.00			3859.00	143.00      Bottom Packers & Anchor

**Total Tool Length: 171.00**



**TRILOBITE**  
TESTING, INC

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

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

**7-18s-24w Ness,KS**  
**Coombs-Williamson #1**  
Job Ticket: 56276      **DST#: 1**  
Test Start: 2014.02.10 @ 23:01:04

## 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: 28000 ppm
Viscosity: 63.00 sec/qt	Cushion Volume: bbl	
Water Loss: 6.37 in <sup>3</sup>	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 2400.00 ppm		
Filter Cake: 1.00 inches		

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
310.00	w ater 100%w	3.237
124.00	s m c w 10%m 90%w	1.739
129.00	m c w 45%m 55%w	1.810

Total Length: 563.00 ft      Total Volume: 6.786 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments: -rw .781 @ 20\*f= 28,000 chlor

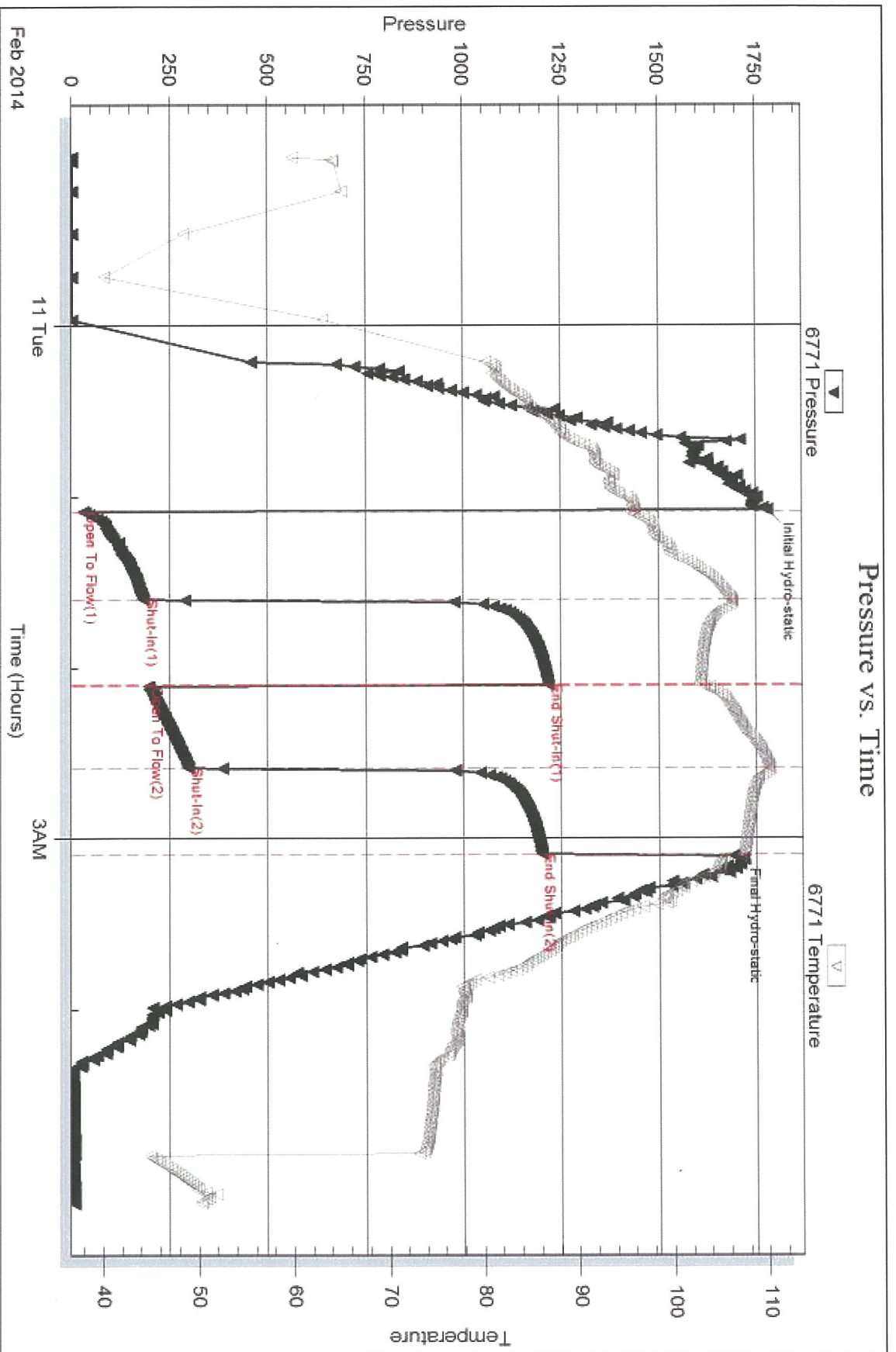
Serial #: 6771

Inside

Palomino Petroleum Inc

Coombs-Williamson #1

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 56276

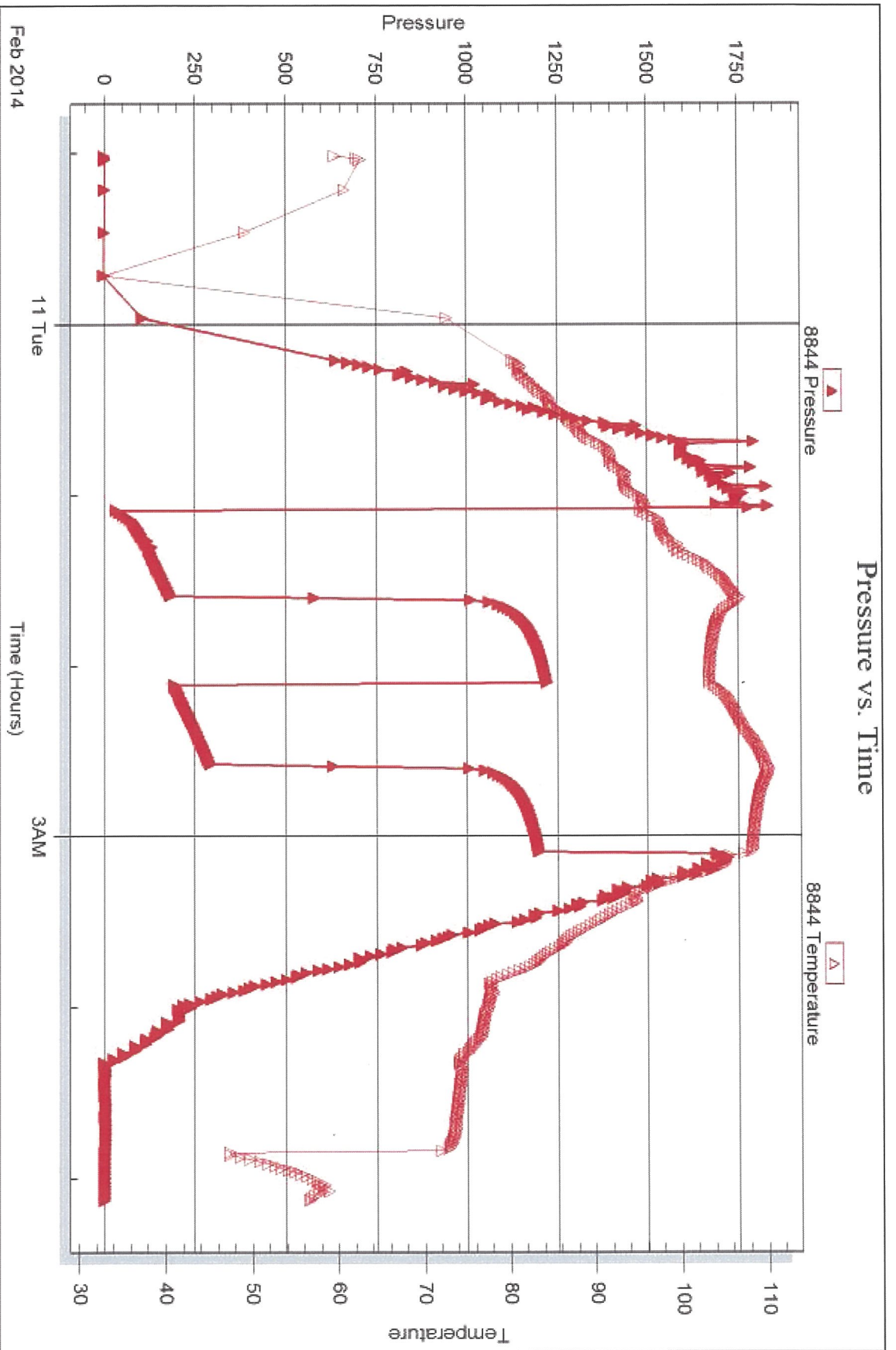
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Serial #: 8844

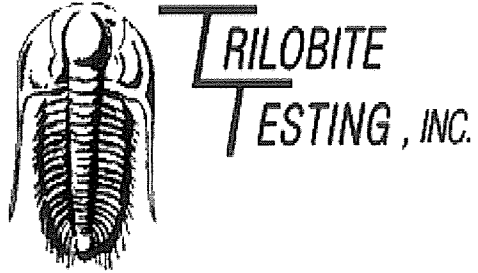
Outside Palomino Petroleum Inc

Coombs-Williamson #1

DST Test Number: 1







## DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc**

4924 SE 84th St  
Newton, KS 67114-8827

ATTN: Aaron Young

### **Coombs-Williamson #1**

#### **7-18s-24w Ness,KS**

Start Date: 2014.02.12 @ 13:33:37

End Date: 2014.02.12 @ 19:05:37

Job Ticket #: 56277                      DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2014.02.25 @ 13:09:02

Palomino Petroleum Inc

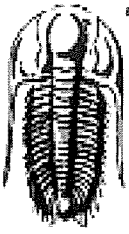
7-18s-24w Ness,KS

Coombs-Williamson #1

DST # 2

Basin Penn

2014.02.12



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Palomino Petroleum Inc  
 4924 SE 84th St  
 Newton, KS 67114-8827  
 ATTN: Aaron Young

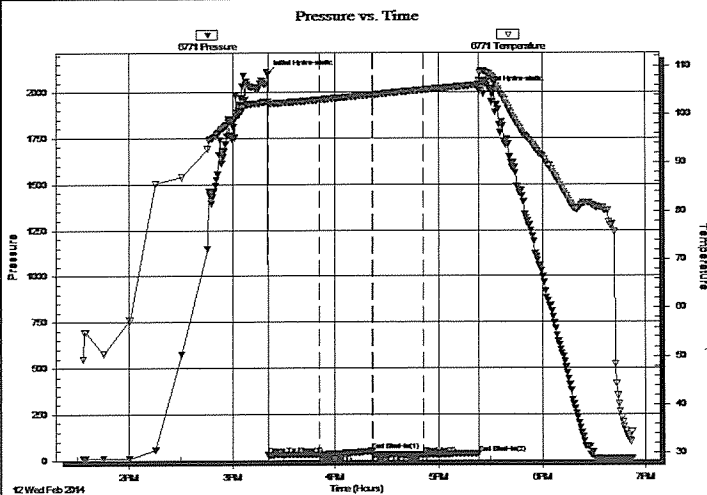
**7-18s-24w Ness,KS**  
**Coombs-Williamson #1**  
 Job Ticket: 56277      **DST#: 2**  
 Test Start: 2014.02.12 @ 13:33:37

## GENERAL INFORMATION:

Formation: **Basil Penn**  
 Deviated: No Whipstock: 0.00 ft (KB)  
 Time Tool Opened: 15:20:52  
 Time Test Ended: 19:05:37  
 Interval: **4246.00 ft (KB) To 4331.00 ft (KB) (TVD)**  
 Total Depth: 4331.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Shane McBride  
 Unit No: 55  
 Reference Elevations: 2338.00 ft (KB)  
 2333.00 ft (CF)  
 KB to GR/CF: 5.00 ft

**Serial #: 6771      Inside**  
 Press@RunDepth: 31.53 psig @ 4247.00 ft (KB)      Capacity: 8000.00 psig  
 Start Date: 2014.02.12      End Date: 2014.02.12      Last Calib.: 2014.02.12  
 Start Time: 13:33:37      End Time: 18:52:37      Time On Btm: 2014.02.12 @ 15:20:37  
 Time Off Btm: 2014.02.12 @ 17:23:07

TEST COMMENT: 1/4" blow died in 8 min  
 No return  
 No blow  
 No return



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2099.83	102.56	Initial Hydro-static
1	28.37	101.86	Open To Flow (1)
31	30.16	102.95	Shut-In(1)
61	48.94	103.98	End Shut-In(1)
61	31.94	103.98	Open To Flow (2)
91	31.53	104.98	Shut-In(2)
123	36.80	106.02	End Shut-In(2)
123	2099.88	106.94	Final Hydro-static

## Recovery

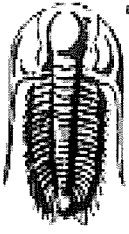
Length (ft)	Description	Volume (bbl)
3.00	mud 100%m	0.01

\* 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  
4924 SE 84th St  
New ton, KS 67114-8827  
ATTN: Aaron Young

**7-18s-24w Ness,KS**  
**Coombs-Williamson #1**  
Job Ticket: 56277      **DST#: 2**  
Test Start: 2014.02.12 @ 13:33:37

**Tool Information**

Drill Pipe:	Length: 4104.00 ft	Diameter: 3.80 inches	Volume: 57.57 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: 122.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 58.17 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	4246.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	85.00 ft			
Tool Length:	113.00 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			4219.00	
Shut In Tool	5.00			4224.00	
Hydraulic tool	5.00			4229.00	
Jars	5.00			4234.00	
Safety Joint	3.00			4237.00	
Packer	5.00			4242.00	28.00      Bottom Of Top Packer
Packer	4.00			4246.00	
Stubb	1.00			4247.00	
Recorder	0.00	6771	Inside	4247.00	
Recorder	0.00	8844	Outside	4247.00	
Perforations	13.00			4260.00	
Change Over Sub	1.00			4261.00	
Drill Pipe	64.00			4325.00	
Change Over Sub	1.00			4326.00	
Bullnose	5.00			4331.00	85.00      Bottom Packers & Anchor

**Total Tool Length: 113.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

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

**7-18s-24w Ness,KS**  
**Coombs-Williamson #1**  
Job Ticket: 56277      **DST#: 2**  
Test Start: 2014.02.12 @ 13:33:37

## 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: 51.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.38 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 7800.00 ppm			
Filter Cake: 1.00 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3.00	mud 100%m	0.015

Total Length: 3.00 ft      Total Volume: 0.015 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments:

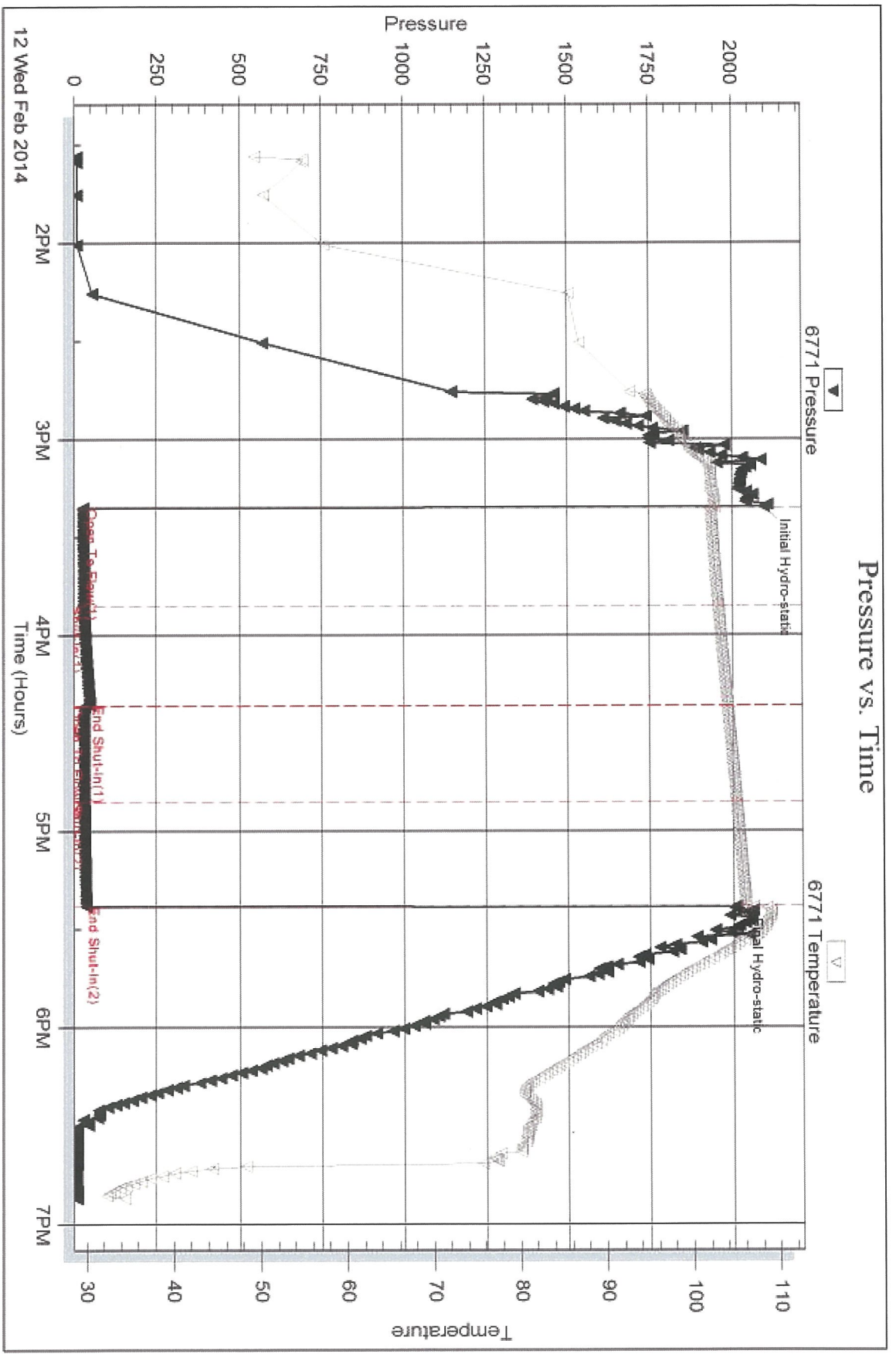
Serial #: 6771

Inside

Palomino Petroleum Inc

Coombs-Williamson #1

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 56277

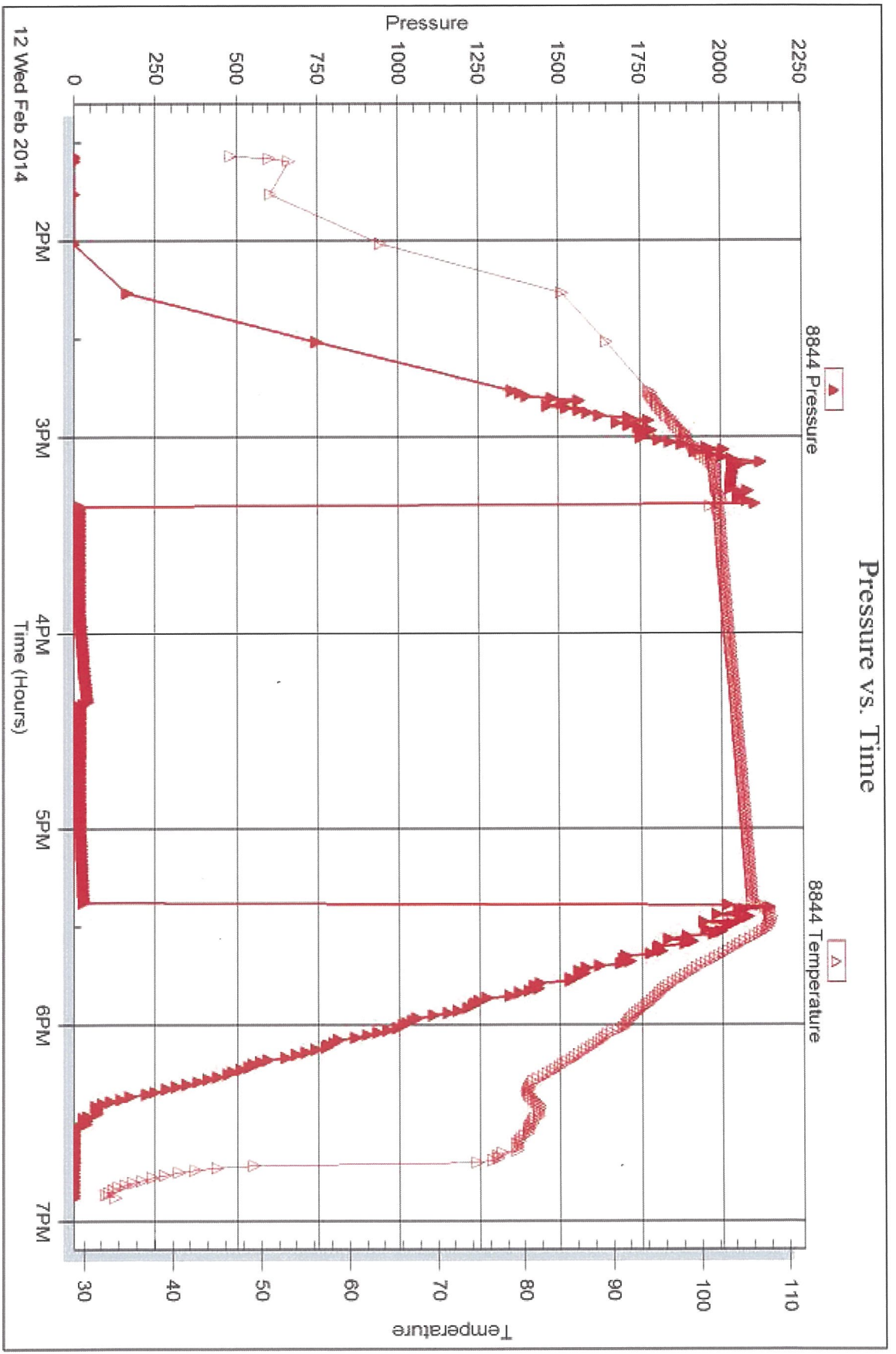
Printed: 2014.02.25 @ 13:09:04

Serial #: 8844

Outside Palomino Petroleum Inc

Coombs-Williamson #1

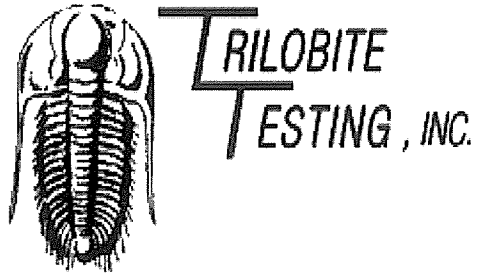
DST Test Number: 2



Triobite Testing, Inc

Ref. No: 56277

Printed: 2014.02.25 @ 13:09:04



## DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc**

4924 SE 84th St  
Newton, KS 67114-8827

ATTN: Aaron Young

**Coombs-Williamson #1**

**7-18s-24w Ness,KS**

Start Date: 2014.02.13 @ 00:31:11

End Date: 2014.02.13 @ 07:30:11

Job Ticket #: 56278                      DST #: 3

Trilobite Testing, Inc

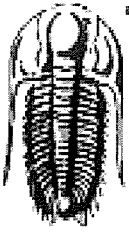
PO Box 362 Hays, KS 67601

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

Printed: 2014.02.25 @ 13:08:37

Palomino Petroleum Inc 7-18s-24w Ness,KS Coombs-Williamson #1 DST # 3 Miss 2014.02.13





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

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

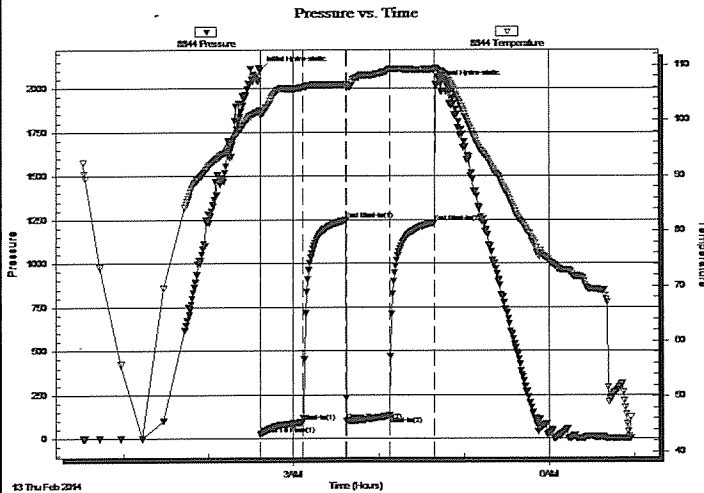
**7-18s-24w Ness,KS**  
**Coombs-Williamson #1**  
Job Ticket: 56278      **DST#: 3**  
Test Start: 2014.02.13 @ 00:31:11

## GENERAL INFORMATION:

Formation: **Miss**  
Deviated: No Whipstock: 0.00 ft (KB)  
Time Tool Opened: 02:52:41  
Time Test Ended: 07:30:11  
Interval: **4246.00 ft (KB) To 4346.00 ft (KB) (TVD)**  
Total Depth: 4346.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair  
Test Type: Conventional Bottom Hole (Reset)  
Tester: Shane McBride  
Unit No: 55  
Reference Elevations: 2338.00 ft (KB)  
2333.00 ft (CF)  
KB to GR/CF: 5.00 ft

**Serial #: 8844**      **Outside**  
Press@RunDepth: 130.56 psig @ 4247.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2014.02.13      End Date: 2014.02.13      Last Calib.: 2014.02.13  
Start Time: 00:31:11      End Time: 06:57:11      Time On Btm: 2014.02.13 @ 02:36:26  
Time Off Btm: 2014.02.13 @ 04:39:11

**TEST COMMENT:** 11" blow  
No return  
10" blow  
Surface return in 8 min. died in 15 min.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2105.08	101.75	Initial Hydro-static
1	23.91	100.86	Open To Flow (1)
31	93.84	105.95	Shut-In(1)
61	1246.36	106.45	End Shut-In(1)
61	100.12	106.11	Open To Flow (2)
91	130.56	109.17	Shut-In(2)
123	1233.29	109.20	End Shut-In(2)
123	2023.49	109.48	Final Hydro-static

## Recovery

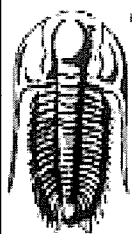
Length (ft)	Description	Volume (bbl)
122.00	g s o c m 10g 10o 80m	0.60
94.00	g o c m 10g 40o 50m	1.32
60.00	c g o 5g 95o	0.84
0.00	30' gas in pipe	0.00

\* 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  
4924 SE 84th St  
New ton, KS 67114-8827  
ATTN: Aaron Young

**7-18s-24w Ness,KS**  
**Coombs-Williamson #1**  
Job Ticket: 56278      **DST#: 3**  
Test Start: 2014.02.13 @ 00:31:11

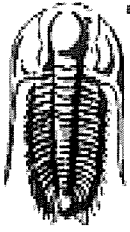
**Tool Information**

Drill Pipe:	Length: 4104.00 ft	Diameter: 3.80 inches	Volume: 57.57 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: 122.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 58.17 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	4246.00 ft			Final 59000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	100.00 ft			
Tool Length:	128.00 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			4219.00	
Shut In Tool	5.00			4224.00	
Hydraulic tool	5.00			4229.00	
Jars	5.00			4234.00	
Safety Joint	3.00			4237.00	
Packer	5.00			4242.00	28.00      Bottom Of Top Packer
Packer	4.00			4246.00	
Stubb	1.00			4247.00	
Recorder	0.00	6771	Inside	4247.00	
Recorder	0.00	8844	Outside	4247.00	
Perforations	28.00			4275.00	
Change Over Sub	1.00			4276.00	
Drill Pipe	64.00			4340.00	
Change Over Sub	1.00			4341.00	
Bullnose	5.00			4346.00	100.00      Bottom Packers & Anchor

**Total Tool Length: 128.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

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

**7-18s-24w Ness,KS**  
**Coombs-Williamson #1**  
Job Ticket: 56278      **DST#: 3**  
Test Start: 2014.02.13 @ 00:31:11

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	31 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 51.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.38 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 7800.00 ppm			
Filter Cake: 1.00 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
122.00	g s o c m 10g 10o 80m	0.600
94.00	g o c m 10g 40o 50m	1.319
60.00	c g o 5g 95o	0.842
0.00	30' gas in pipe	0.000

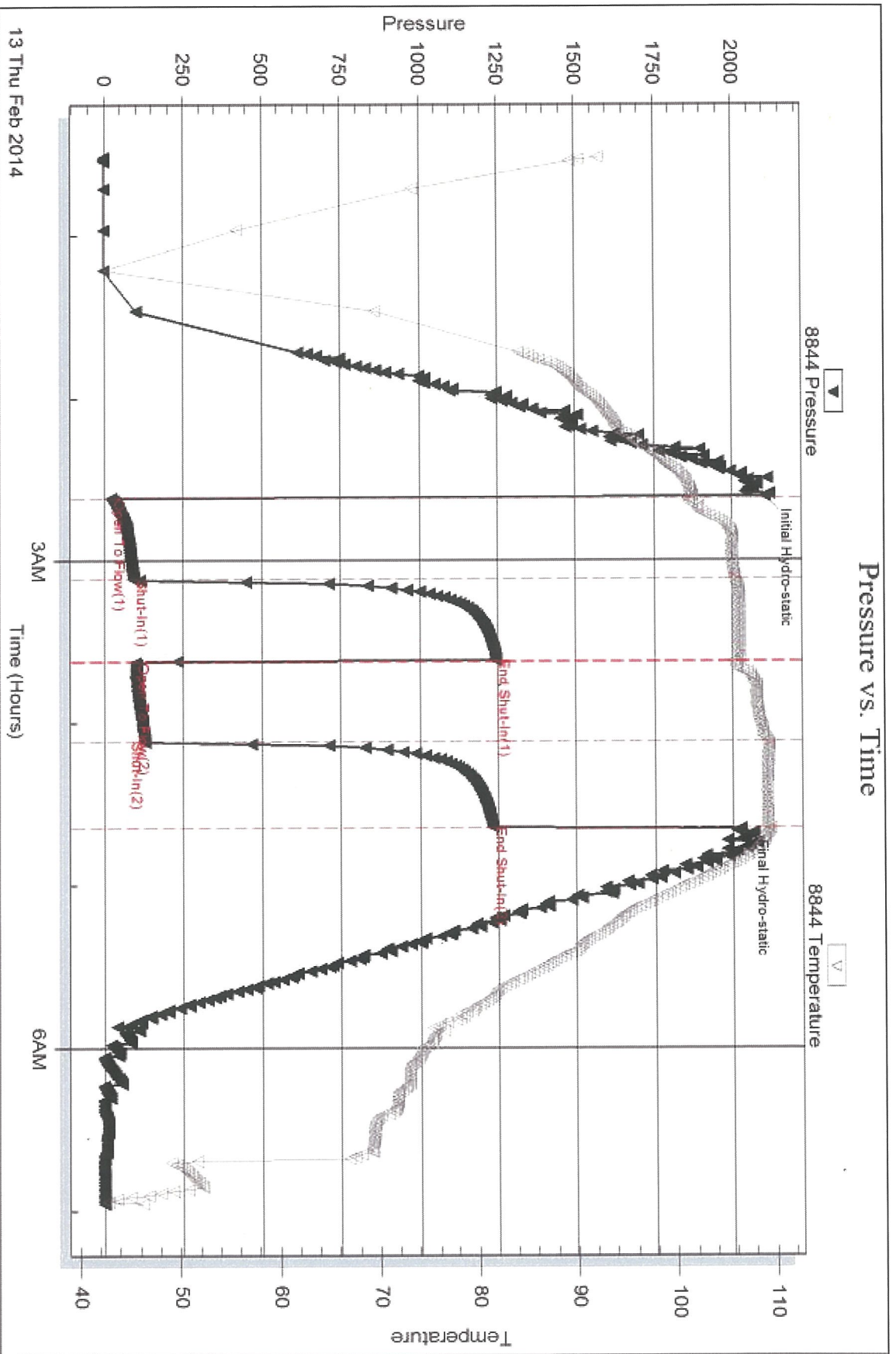
Total Length: 276.00 ft      Total Volume: 2.761 bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments:

Serial #: 8844

Outside Palomino Petroleum Inc

Coombs-Williamson #1

DST Test Number: 3



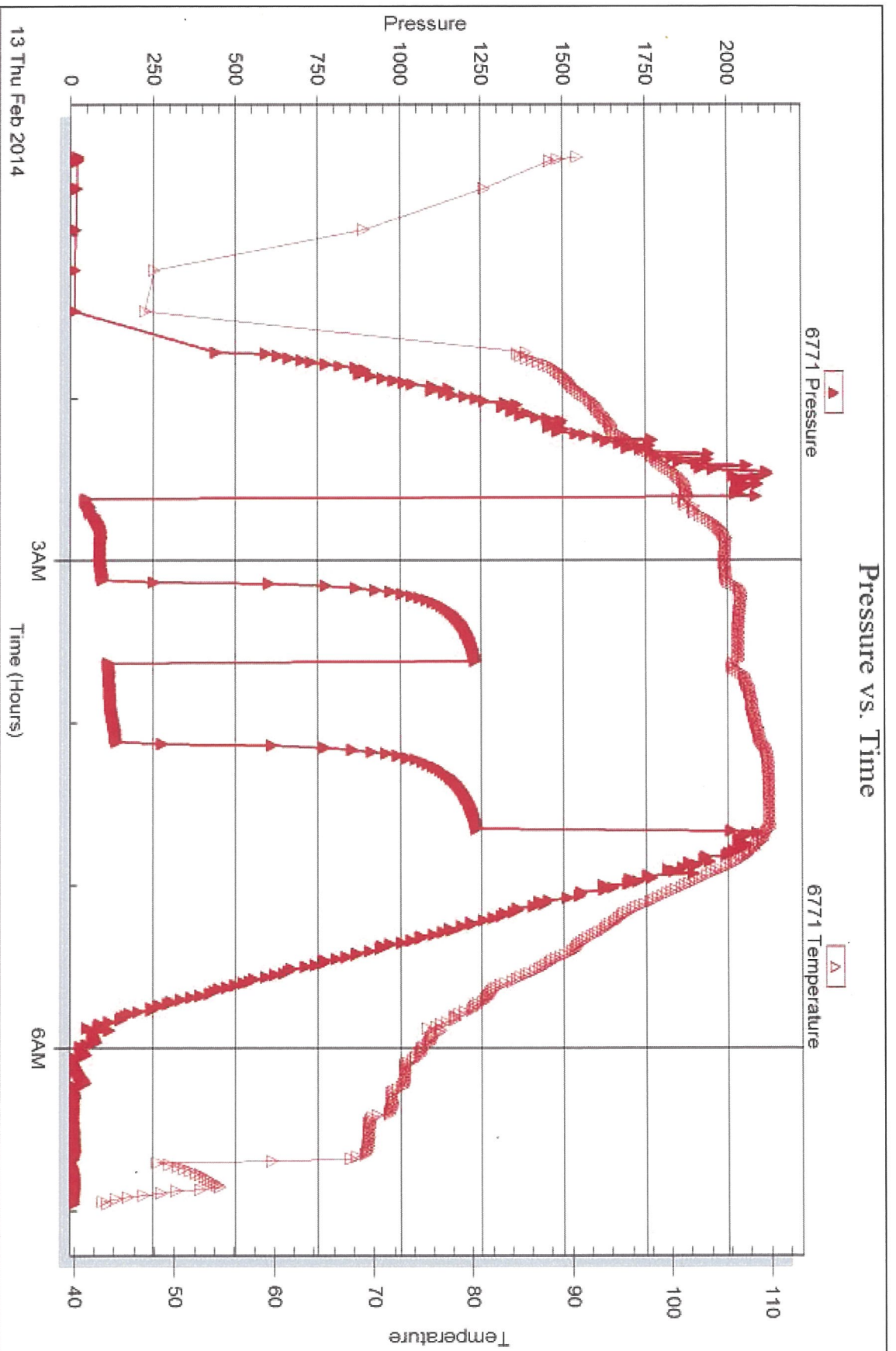
Serial #: 6771

Inside

Palomino Petroleum Inc

Coombs-Williamson #1

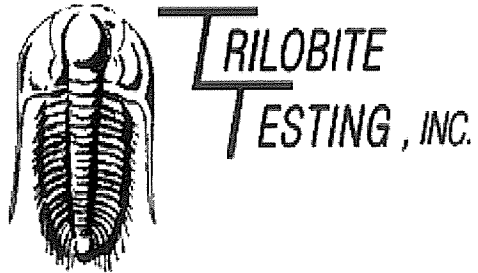
DST Test Number: 3



Trioble Testing, Inc

Ref. No: 56278

Printed: 2014.02.25 @ 13:08:40



## DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc**

4924 SE 84th St  
Newton, KS 67114-8827

ATTN: Aaron Young

### **Coombs-Williamson #1**

#### **7-18s-24w Ness,KS**

Start Date: 2014.02.13 @ 19:20:16

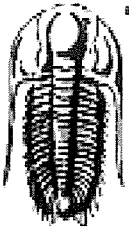
End Date: 2014.02.14 @ 01:40:01

Job Ticket #: 56279                      DST #: 4

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

Printed: 2014.02.25 @ 13:07:51

Palomino Petroleum Inc  
7-18s-24w Ness,KS  
Coombs-Williamson #1  
DST # 4  
Miss  
2014.02.13



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Palomino Petroleum Inc  
 4924 SE 84th St  
 Newton, KS 67114-8827  
 ATTN: Aaron Young

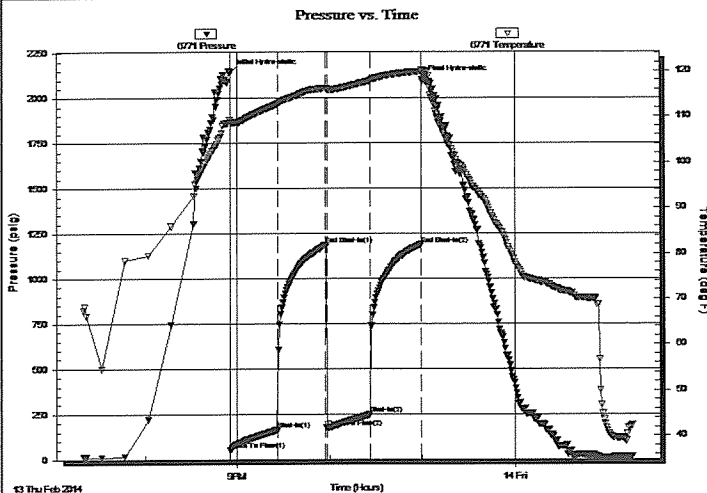
**7-18s-24w Ness,KS**  
**Coombs-Williamson #1**  
 Job Ticket: 56279 **DST#: 4**  
 Test Start: 2014.02.13 @ 19:20:16

## GENERAL INFORMATION:

Formation: **Miss**  
 Deviated: No Whipstock: 0.00 ft (KB)  
 Time Tool Opened: 20:55:46  
 Time Test Ended: 01:40:01  
 Interval: **4346.00 ft (KB) To 4361.00 ft (KB) (TVD)**  
 Total Depth: 4460.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Straddle (Reset)  
 Tester: Shane McBride  
 Unit No: 55  
 Reference Elevations: 2338.00 ft (KB)  
 2333.00 ft (CF)  
 KB to GR/CF: 5.00 ft

**Serial #: 6771** **Inside**  
 Press@RunDepth: 247.26 psig @ 4347.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2014.02.13 End Date: 2014.02.14 Last Calib.: 2014.02.14  
 Start Time: 19:20:16 End Time: 01:16:01 Time On Btm: 2014.02.13 @ 20:55:16  
 Time Off Btm: 2014.02.13 @ 22:59:31

**TEST COMMENT:** B.O.B. in 8 1/2 min.  
 Return blow in 9 min. built to 3"  
 B.O.B. in 13 min  
 Surface return in 17 min 1/8"



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2142.22	109.27	Initial Hydro-static
1	50.91	108.76	Open To Flow (1)
31	163.08	112.76	Shut-In(1)
62	1186.88	116.20	End Shut-In(1)
63	175.52	115.84	Open To Flow (2)
91	247.26	117.86	Shut-In(2)
124	1188.99	119.85	End Shut-In(2)
125	2101.43	120.18	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
186.00	g w w/oil scum 20g 80w	1.50
62.00	g m & w c o 20g 10m 20w 50o	0.87
310.00	c g o 20g 80o	4.35
0.00	180' G I P	0.00

\* Recovery from multiple tests

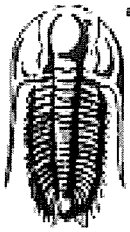
## Gas Rates

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









**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

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

**7-18s-24w Ness,KS**  
**Coombs-Williamson #1**  
Job Ticket: 56279      **DST#: 4**  
Test Start: 2014.02.13 @ 19:20:16

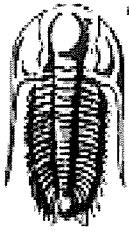
### Tool Information

Drill Pipe:	Length: 4200.00 ft	Diameter: 3.80 inches	Volume: 58.91 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: 30000.00 lb
Drill Collar:	Length: 122.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 85000.00 lb
			<u>Total Volume: 59.51 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4346.00 ft			Final 63000.00 lb
Depth to Bottom Packer:	4460.00 ft			
Interval between Packers:	114.00 ft			
Tool Length:	142.00 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			4319.00	
Shut In Tool	5.00			4324.00	
Hydraulic tool	5.00			4329.00	
Jars	5.00			4334.00	
Safety Joint	3.00			4337.00	
Packer	5.00			4342.00	28.00      Bottom Of Top Packer
Packer	4.00			4346.00	
Stubb	1.00			4347.00	
Recorder	0.00	6771	Inside	4347.00	
Recorder	0.00	8844	Outside	4347.00	
Perforations	10.00			4357.00	
Blank Off Sub	1.00			4358.00	
top of s packer	3.00			4361.00	
Stubb	1.00			4362.00	
Recorder	0.00	8353	Below	4362.00	
Anchor	27.00			4389.00	
Change Over Sub	1.00			4390.00	
Drill Pipe	64.00			4454.00	
Change Over Sub	1.00			4455.00	
Bullnose	5.00			4460.00	114.00      Bottom Packers & Anchor

**Total Tool Length: 142.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

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

**7-18s-24w Ness,KS**  
**Coombs-Williamson #1**  
Job Ticket: 56279      **DST#: 4**  
Test Start: 2014.02.13 @ 19:20:16

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 31 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 35000 ppm
Viscosity: 51.00 sec/qt	Cushion Volume: bbl	
Water Loss: 6.39 in <sup>3</sup>	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 7900.00 ppm		
Filter Cake: 1.00 inches		

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
186.00	g w w/oil scum 20g 80w	1.498
62.00	g m &w c o 20g 10m 20w 50o	0.870
310.00	c g o 20g 80o	4.348
0.00	180' G I P	0.000

Total Length: 558.00 ft      Total Volume: 6.716 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments: rw .358 @ 40\*f= 35,000 chlor

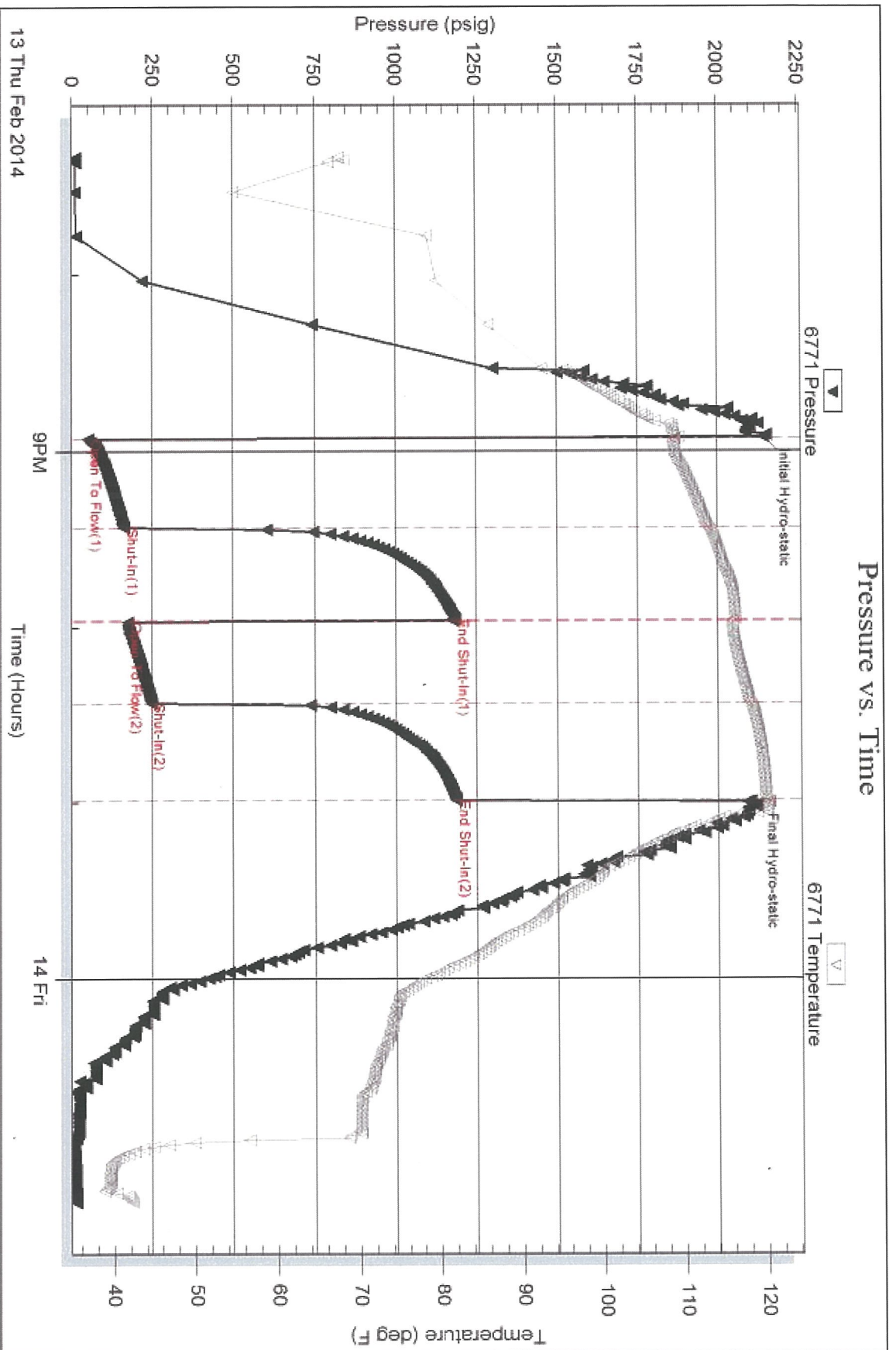
Serial #: 6771

Inside

Palomino Petroleum Inc

Coombs-Williamson #1

DST Test Number: 4



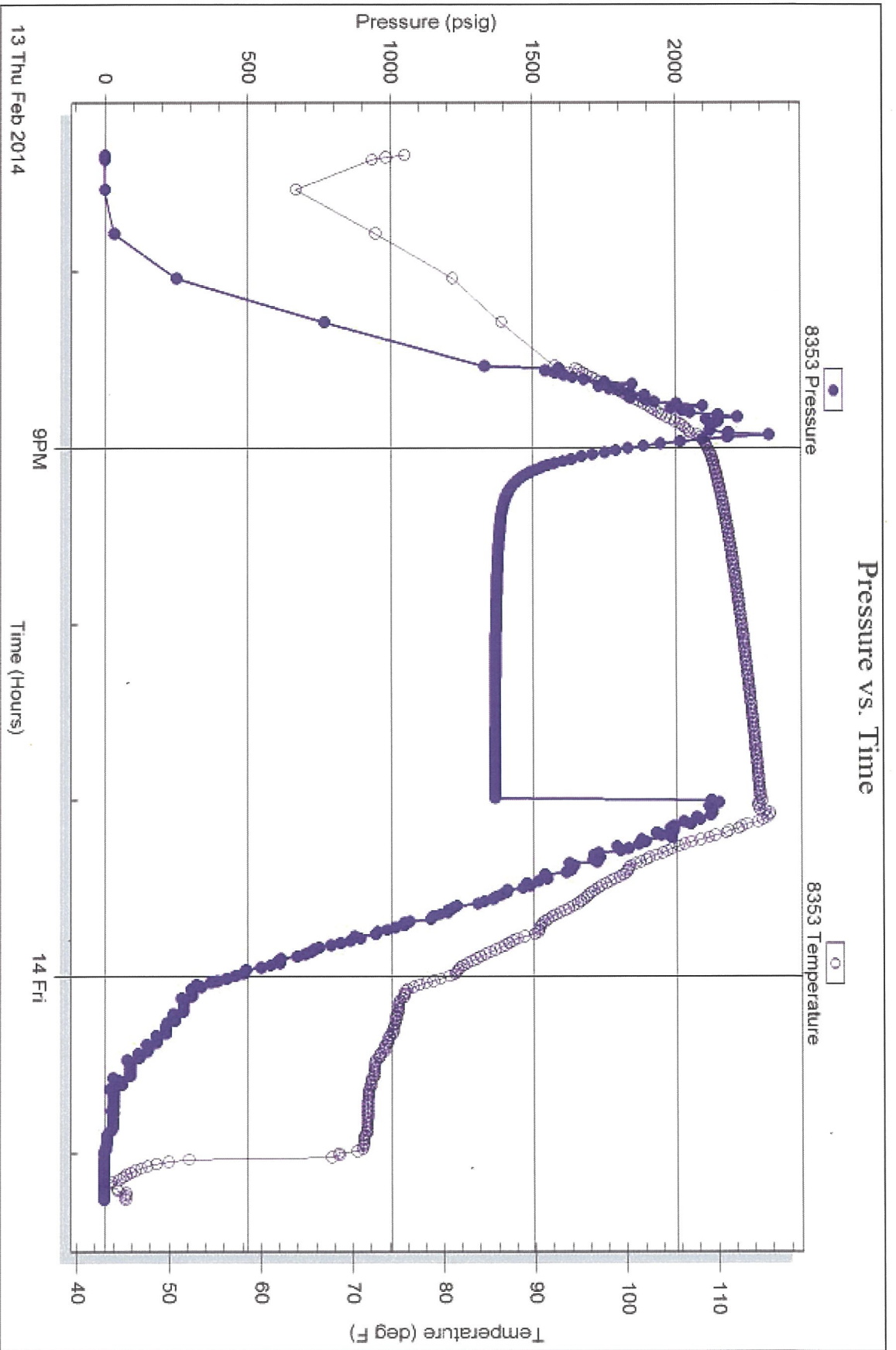


Serial #: 8353

Below (Stratthor) Petroleum Inc

Coombs-Williamson #1

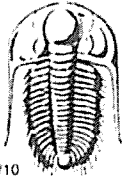
DST Test Number: 4



Tribble Testing, Inc

Ref. No: 56279

Printed: 2014.02.25 @ 13:07:53



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 56276

Well Name & No. Combs-Williamson #1 Test No. #1 Date 2/11/14  
 Company Palomino Petroleum Inc Elevation 2338 KB 2333 GL  
 Address 4924 SE 8th St New Town OK 67114-8827  
 Co. Rep / Geo. Aaron Young Rig WCC #10  
 Location: Sec. 7 Twp. 18S Rge. 24W Co. Ness State KS

Interval Tested 3716 3859 Zone Tested Lane A-G  
 Anchor Length 143 Drill Pipe Run 3571' Mud Wt. 8.9  
 Top Packer Depth 3711 Drill Collars Run 122' Vis 6.3  
 Bottom Packer Depth 3716 Wt. Pipe Run --- WL 6.4  
 Total Depth 3859 Chlorides 2400 ppm System LCM #1

Blow Description B.O.B. in 10 min  
No return  
30. B. in 13 min  
No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>129'</u>	<u>MCIW</u>			<u>55%</u>	<u>45%</u>
<u>124'</u>	<u>SMW</u>			<u>90%</u>	<u>10%</u>
<u>310'</u>	<u>Water</u>			<u>100%</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 5623' BHT 116° Gravity --- API RW .781 @ 20° F Chlorides 28000 ppm

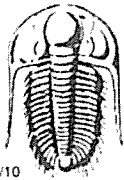
(A) Initial Hydrostatic <u>1780</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>22:00</u>
(B) First Initial Flow <u>32</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>23:00</u>
(C) First Final Flow <u>185</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>01:05</u>
(D) Initial Shut-In <u>1218</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>03:05</u>
(E) Second Initial Flow <u>199</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>05:25</u>
(F) Second Final Flow <u>300</u>	<input checked="" type="checkbox"/> Mileage <u>104 RT</u> <u>161.20</u>	Comments
(G) Final Shut-In <u>1200</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1691</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer

Initial Open 30  Extra Packer  
 Initial Shut-In 30  Extra Recorder  
 Final Flow 30  Day Standby  
 Final Shut-In 30  Accessibility  
 Sub Total 1636.20 MP/DST Diset

Approved By Aaron Young Our Representative [Signature]

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# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 56277

Well Name & No. Combs - Williamson #1 Test No. #2 Date 2/12/14  
 Company Palomino Petroleum Inc. Elevation 2338 KB 2333 GL  
 Address 4924 SE 84th St. Newton, Mo 67114-8827  
 Co. Rep / Geo. Aaron Young Rig LOW #10  
 Location: Sec. 7 Twp. 18.5 Rge. 24W Co. N55 State K5

Interval Tested 4246 4331 Zone Tested Basil Penn  
 Anchor Length 85 Drill Pipe Run 7104 Mud Wt. 9.1  
 Top Packer Depth 4241 Drill Collars Run 122' Vis 51  
 Bottom Packer Depth 4246 Wt. Pipe Run --- WL 7.2  
 Total Depth 4331 Chlorides 7800 ppm System LCM T

Blow Description 1/4" blow died in Basin  
No return  
No blow  
No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>3</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

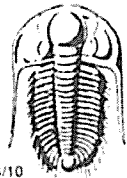
Rec Total 3' BHT 107° Gravity --- API RW --- @ --- °F Chlorides --- ppm

(A) Initial Hydrostatic 2099  Test 1250 T-On Location 13:10  
 (B) First Initial Flow 28  Jars 250 T-Started 13:33  
 (C) First Final Flow 30  Safety Joint 75 T-Open 15:20  
 (D) Initial Shut-In 48  Circ Sub N/C T-Pulled 17:20  
 (E) Second Initial Flow 31  Hourly Standby --- T-Out 19:05  
 (F) Second Final Flow 31  Mileage 104 RT 161.20 Comments ---  
 (G) Final Shut-In 36  Sampler ---  
 (H) Final Hydrostatic 2009  Straddle ---  Ruined Shale Packer ---  
 Shale Packer ---  Ruined Packer ---  
 Extra Packer ---  Extra Copies ---

Initial Open 30  
 Initial Shut-In 30  
 Final Flow 30  
 Final Shut-In 30  
 Extra Recorder --- Sub Total 0  
 Day Standby --- Total 1736.20  
 Accessibility --- MP/DST Disc't ---  
 Sub Total 1736.20

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# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 56278

Well Name & No. Coombs - Williamson #1 Test No. #3 Date 2/13/14  
 Company Palomino Petroleum Inc Elevation 2338 KB 2333 GL  
 Address 4924 SE 84th St Newton, KS 67114-8827  
 Co. Rep / Geo. Paron Young Rig WW #10  
 Location: Sec. 7 Twp. 18.E Rge. 24W Co. Ness State Ks

Interval Tested 4246 4346 Zone Tested Mess  
 Anchor Length 100 Drill Pipe Run 4104 Mud Wt. 9.1  
 Top Packer Depth 4241 Drill Collars Run 122' Vis 51  
 Bottom Packer Depth 4246 Wt. Pipe Run \_\_\_\_\_ WL \_\_\_\_\_  
 Total Depth 4346 Chlorides 7800 ppm System LCM -Tr

Blow Description 11" in blow  
No return  
10" in blow  
Surface returned in 8 min. died in 15 min

Rec	Feet of	%gas	%oil	%water	%mud
<u>100</u>	<u>ago</u>	<u>5</u>	<u>95</u>		
<u>94</u>	<u>gocm</u>	<u>10</u>	<u>40</u>		<u>50</u>
<u>122</u>	<u>gSOCM</u>	<u>10</u>	<u>10</u>		<u>80</u>
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____
Rec _____	Feet of <u>30' Gas in Pipe</u>	%gas _____	%oil _____	%water _____	%mud _____

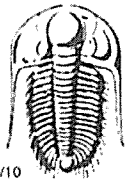
Rec Total 276' BHT 109° Gravity 31 API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic <u>2105</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>00:30</u>
(B) First Initial Flow <u>23</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>00:45</u>
(C) First Final Flow <u>93</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>02:52</u>
(D) Initial Shut-In <u>1246</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>04:52</u>
(E) Second Initial Flow <u>100</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>07:30</u>
(F) Second Final Flow <u>130</u>	<input checked="" type="checkbox"/> Mileage <u>104 RT</u> 161.20	Comments _____
(G) Final Shut-In <u>1233</u>	<input type="checkbox"/> Sampler _____	
(H) Final Hydrostatic <u>2023</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Shale Packer _____

Initial Open <u>30</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Extra Copies _____
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Recorder _____	Sub Total <u>0</u>
Final Flow <u>30</u>	<input type="checkbox"/> Day Standby _____	Total <u>1736.20</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Accessibility _____	MP/DST Disc't _____
	Sub Total <u>1736.20</u>	

Approved By [Signature] Our Representative [Signature]

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# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 56279

Well Name & No. Coombs Williamson #1 Test No. #4 Date 3/13/14  
 Company Palomino Petroleum Inc. Elevation 2338 KB 2333 GL  
 Address 4924 SE 84th St. Newton, KS 67114  
 Co. Rep / Geo. Arnon Young Rig W20 #10  
 Location: Sec. 2 Twp. 18S Rge. 24W Co. Ness State KS

Interval Tested 4346 4361 Zone Tested MISS  
 Anchor Length 15 Drill Pipe Run 4200 Mud Wt. 9.1  
 Top Packer Depth 4341 4346 Drill Collars Run 122' Vis SI  
 Bottom Packer Depth 4346 4361 Wt. Pipe Run \_\_\_\_\_ WL 6.1  
 Total Depth 99' tail 4460' Chlorides 7800 ppm System LCM Tr

Blow Description Loggers TD. #462 (B.O.B. in 8 1/2 min)  
Return blow in 9 min built to 3" w  
B.O.B. in 13 min.

Surface return in 17 min. 1/8" w.

Rec	Feet of	%gas	%oil	%water	%mud
<u>310'</u>	<u>Feet of ego</u>	<u>20</u>	<u>80</u>		
<u>62'</u>	<u>Feet of am3450</u>	<u>20</u>	<u>50</u>	<u>20</u>	<u>10</u>
<u>186'</u>	<u>Feet of gw w/oil sum</u>	<u>20</u>	<u>50</u>	<u>80</u>	
Rec _____	Feet of _____	%gas	%oil	%water	%mud
Rec _____	Feet of <u>180' GAS IN PIPE</u>	%gas	%oil	%water	%mud

Rec Total 558' BHT 120° Gravity 31 API RW 358 @ 40° F Chlorides 35,000 ppm

(A) Initial Hydrostatic <u>2142</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>18:00</u>
(B) First Initial Flow <u>50</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>19:20</u>
(C) First Final Flow <u>163</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>20:55</u>
(D) Initial Shut-In <u>1180</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>22:55</u>
(E) Second Initial Flow <u>125</u>	<input checked="" type="checkbox"/> Hourly Standby <u>1hr</u>	T-Out <u>01:40</u>
(F) Second Final Flow <u>247</u>	<input checked="" type="checkbox"/> Mileage <u>104 RT</u> <u>161.20</u>	Comments _____
(G) Final Shut-In <u>1188</u>	<input type="checkbox"/> Sampler _____	_____
(H) Final Hydrostatic <u>2101</u>	<input checked="" type="checkbox"/> Straddle <u>600</u>	<input type="checkbox"/> Ruined Shale Packer _____
	<input checked="" type="checkbox"/> Shale Packer <u>250</u>	<input type="checkbox"/> Ruined Packer _____

Initial Open 30  Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Initial Shut-In 30  Extra Recorder \_\_\_\_\_ Sub Total 0  
 Final Flow 30  Day Standby \_\_\_\_\_ Total 2586.20  
 Final Shut-In 30  Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_

Sub Total 2586.20  
 Approved By [Signature] Our Representative [Signature]

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