



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



RECEIVED

NOV 25 2014

Invoice

DATE	INVOICE #
11/22/2014	28057

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	Rose	Gove	WW Drilling Rig ...	Oil	Development	5-1/2" LongString	Jason			
PRICE REF.	DESCRIPTION							QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way							70	Miles	6.00	420.00
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							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							15	Each	90.00	1,350.00T
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
583D	Drayage							801.85	Ton Miles	1.00	801.85
Subtotal											14,114.35
Sales Tax Gove County										7.90%	864.46
Total										\$14,978.81	

Thank You For Your Business & Best Wishes For A Wonderful Holiday Season!!



CHARGE TO: **PALOMINO PETROLEUM**

ADDRESS:

CITY, STATE, ZIP CODE:

TICKET 28057

PAGE 1 OF 2

SERVICE LOCATIONS: 1. **NESS CITY, KS**

WELL/PROJECT NO.: **ROSE #1** LEASE: **ROSE #1** COUNTY/PARISH: **GOVE** STATE: **KS** CITY: **GOVE, KS.** DATE: **22 NOV 14** OWNER:

TICKET TYPE: SERVICE SALES CONTRACTOR: **WW DRILLING RIG #10** RIG NAME/NO.: SHIPPED VIA: DELIVERED TO: ORDER NO.:

WELL TYPE: **OIL** WELL CATEGORY: **DEVELOPMENT** JOB PURPOSE: **5 1/2 LONGSTRING** WELL PERMIT NO.: WELL LOCATION: **10S, 10W, N FUD**

REFERRAL LOCATION: INVOICE INSTRUCTIONS:

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF		QTY.	U/M	QTY.	U/M	
575					MILEAGE #115	70	mi	6	00	420
578					Pump CHARGE	1	JOB	1500	00	1500
403					CEMENT BASKETS	2	EA	300	00	600
404					PORT COLLAR	1	EA	2900	00	2900
406					LATCH DOWN PLUG & BAPPLE	1	EA	275	00	275
407					INSERT FLOAT SIDE W/FILL	1	EA	375	00	375
409					TURBILIZERS	15	EA	90	00	1350
419					ROTATING HEAD RENTAL	1	JOB	200	00	200
281					MUD FLUSH	500	gal	1	25	625
321					LIQUID KCL	4	gal	25	00	100

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 *Henry [Signature]*

DATE SIGNED: **22 NOV 14** TIME SIGNED: **2:00** 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		
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				PAGE TOTAL 1	8345
WE UNDERSTOOD AND MET YOUR NEEDS?				2	5769
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				subtotal	14,114
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				Gove TAX 7.9%	864.46
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES <input type="checkbox"/> NO			TOTAL	14,978.81
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					



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

TICKET CONTINUATION

TICKET No. 28057

CUSTOMER PALOMINO PETROLEUM WELL ROSE #1 DATE 22 NOV 14 PAGE 21 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF			QTY	U/M	QTY	U/M		
276						FLOCELE	60	lbs			2.50	150.00
283						SALT	500	lbs			.20	100.00
284						CALSEAL	5	sq			35.00	175.00
285						CFR-1	50	lbs			4.50	225.00
290						D-AIR	2 1/2	sq			42.00	105.00
325						STANDARD EA-2	100	bx			14.50	1450.00
330						SMD CEMENT	125	bx			18.50	2312.50
581						SERVICE CHARGE					2.00	450.00
583						MILEAGE CHARGE					1.00	801.85

CUBIC FEET 225 sq
TON MILES 801.85
TOTAL WEIGHT 22910
LOADED MILES 70

CONTINUATION TOTAL 5769.35

JOB LOG

SWIFT Services, Inc.

DATE 22 NOV 14 PAGE NO.

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1400							ON LOCATION
	1645							START PIPE. 5 1/2" 14# TRIP @ 4773 LHO @ 4774 SHOET. 43.53 SET @ 4772 CENTRALIZERS 1,3,5,6,7,8,9,12,14,15,16,17,18,19,57 BASKETS 2,58 PORT COLLAR #58 @ 2295
	1840							DROP BALL - CIRCULATE.
	1937	6	12	✓			300	Pump 570 gal MUD FLUSH
		6	20	✓			300	Pump 20 BUL KCL SPACER
	1945		7					PLUG BH-30 SX
	1948	4	34 1/2	✓				MIX 95 SX SMD
		4	24	✓				MIX 100 SK EA-2
	2002							WASH OUT PUMP LINES
	2004	6		✓				START DISPLAYING PLUG.
	2026	Ø	115 1/2	✓			1500	PLUG DOWN - LATCH PLUG IN.
	2028			✓				RELEASE PSI - DRY
	2030							WASH TRUCK
	2100							JOB COMPLETE.
								THANKS ALLS
								JASON DAVE ROB

CUSTOMER VALERINO PETROLEUM

WELL NO.

LEASE ROSE #1

JOB TYPE S&L HOUSING

TICKET NO. 28057



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

Invoice

DATE	INVOICE #
12/2/2014	28064

BILL TO

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

RECEIVED

DEC 04 2014

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator			
Net 30	#1	Rose	Gove	Express Well Serv...	Oil	Development	Cement Port Collar	Jason			
PRICE REF.	DESCRIPTION							QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way							60	Miles	6.00	360.00
576D-D	Pump Charge - Port Collar							1	Job	1,500.00	1,500.00
105	Port Collar Tool Rental With Man							1	Each	350.00	350.00T
276	Flocele							50	Lb(s)	2.50	125.00T
290	D-Air							2	Gallon(s)	42.00	84.00T
330	Swift Multi-Density Standard (MIDCON II)							195	Sacks	18.50	3,607.50T
581D	Service Charge Cement							250	Sacks	2.00	500.00
583D	Drayage							747.45	Ton Miles	1.00	747.45
	Subtotal										7,273.95
	Sales Tax Gove County									7.90%	329.15
Total										\$7,603.10	

Thank You For Your Business & Best Wishes For A Wonderful Holiday Season!!



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

TICKET 28064

PAGE 1 OF

SERVICE LOCATIONS
 1. NESS CITY, KS. WELL/PROJECT NO. ROSE #1 LEASE COUNTY/PARISH GOVE STATE KS. CITY GOVE, KS. DATE 2 DEC 14 OWNER
 2. TICKET TYPE CONTRACTOR EXPRESS WELL SERV. RIG NAME/NO. SHIPPED VIA DELIVERED TO ORDER NO.
 3. WELL TYPE OIL WELL CATEGORY DEVELOPMENT JOB PURPOSE CEMENT PORT COLLAR WELL PERMIT NO. WELL LOCATION 10s, 10w, N 1/2
 4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575					MILEAGE #115	600		mi		6.00	3600.00
576D					Pump CHARGE	1		JOB		1500.00	1500.00
105					PORT COLLAR OPENING TOOL	1		JOB		350.00	350.00
276					FLOCELE	50		SX		2.50	125.00
290					D-AIR	2		92		42.00	84.00
330					SMD CEMENT	195		SX		18.50	3607.50
81					CEMENT SERVICE CHARGE	250		SX		2.00	500.00
583					DRAYAGE	24915		lbs	747.45	1.00	747.45

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 *[Signature]*
 DATE SIGNED 2 DEC 14 TIME SIGNED 1500 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	
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				7273	95
WE UNDERSTOOD AND MET YOUR NEEDS?					
OUR SERVICE WAS PERFORMED WITHOUT DELAY?					
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				Gove TAX 7.97%	329.15
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL	7603.10
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					

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

SWIFT OPERATOR *[Signature]* APPROVAL

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE: 2 DEC 14 PAGE NO.

CUSTOMER PALOMINO PETROLEUM		WELL NO.		LEASE ROSE # 1		JOB TYPE CEMENT PORT COLLAR		TICKET NO. 28064	
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CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1130							ON LOCATION
	1320			✓			1000	TEST - HELD
	1324							OPEN PORT COLLAR
	1326	4	108	✓		200		MIX 195 SX SMD
		3	12 1/2	✓		300		DISPLACE CEMENT
								CIRCULATE 20 SX TO PIT
	1401			✓		1000		CLOSE PORT COLLAR - TEST - HELD
	1406							RUN 4 JTS.
	1411	4	28	✓			300	REVERSE CLEAN
	1420							WASH TRUCK
	1450							SOB COMPLETE
								THANKS # 115
								SAFON DAVE PRESTON



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

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

RECEIVED

NOV 26 2014

INVOICE

Invoice # 802038

Invoice Date: 11/21/2014

Terms: Net 30

Page 1

PALOMINO PETROLEUM, INC.

*4924 SE 8th Street
 Newton, KS 67114-8827*

ROSE #1

Part Number	Description	Qty	Unit Price	Discount(%)	Total
5401C	Single Pump	1.00	1,150.00	10.00	1,035.00
5406	Mileage Charge	20.00	5.25	10.00	94.50
5407	Min. Bulk Delivery Charge	1.00	430.00	10.00	387.00
1104S	Class A Cement	165.00	18.55	10.00	2,754.68
1102	Calcium Chloride (50#)	465.00	0.94	10.00	393.39
1118B	Premium Gel / Bentonite	310.00	0.27	10.00	75.33
1111	Sodium Chloride (Granulated)	100.00	0.00	0.00	0.00
	Sub Total				5,266.55
	Discounted Amount				526.66
	Sub Total After Discount				4,739.90

Amount Due 5,549.49 if paid after 12/21/2014

Tax: 254.65
 Total: 4,994.55



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum Inc.

19-14s-30w Gove, KS

4924 SE 84th St.
New ton KS 67114

Rose #1

Job Ticket: 58709

DST#: 1

ATTN: Ryan Seib

Test Start: 2014.11.15 @ 20:40:00

GENERAL INFORMATION:

Formation: **Topeka**
 Deviated: **No** Whipstock: **ft (KB)**
 Time Tool Opened: 23:02:10
 Time Test Ended: 03:09:24
 Interval: **3889.00 ft (KB) To 3928.00 ft (KB) (TVD)**
 Total Depth: **3928.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Good**
 Test Type: **Conventional Bottom Hole (Initial)**
 Tester: **Will MacLean**
 Unit No: **71**
 Reference Elevations: **2880.00 ft (KB)**
2875.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8674

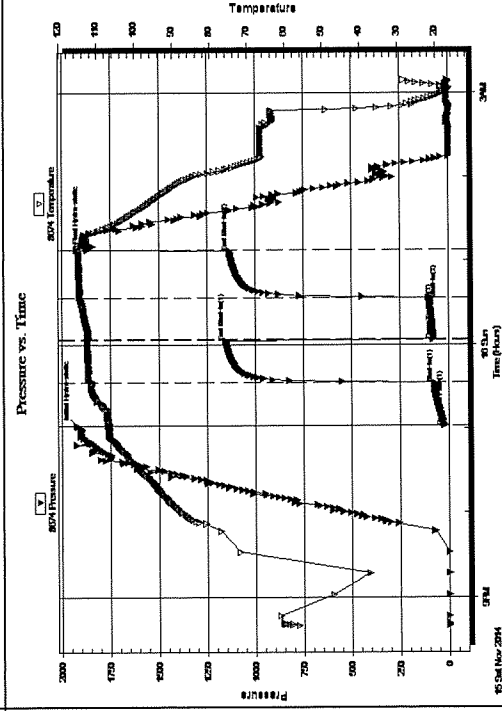
Press@RunDepth: **99.22 psig @ 3890.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2014.11.15** End Date: **2014.11.16** Last Calib.: **2014.11.16**
 Start Time: **20:40:00** End Time: **03:09:24** Time On Btm: **2014.11.15 @ 23:01:55**
 Time Off Btm: **2014.11.16 @ 01:07:54**

TEST COMMENT: IF- Weak Surface Blow Built to 6 1/2" Slid about 5' to bottom Used Diesel in the Bucket

ISI- No Blow

FF- Weak Surface Blow Built to 5 3/4"

FSI- No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1922.53	107.28	Initial Hydro-static
1	24.05	106.61	Open To Flow (1)
31	75.52	111.17	Shut-In(1)
62	1153.67	112.66	End Shut-In(1)
92	79.44	112.10	Open To Flow(2)
126	1136.42	114.45	Shut-In(2)
126	1868.59	115.22	End Shut-In(2)
			Final Hydro-static

Recovery

Length (ft)	Description	Volume (bb)
122.00	MCW 14% m 86% w	0.60
50.00	GWCM 2% g 19% w 79% m w ith a Few OO.70ots	

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcfid)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum Inc.

19-14s-30w Gove,KS

4924 SE 84th St.
Newton KS 67114

Rose #1

Job Ticket: 58709 **DST#: 1**

ATTN: Ryan Seib

Test Start: 2014.11.15 @ 20:40:00

Tool Information

Drill Pipe:	Length: 3762.00 ft	Diameter: 3.80 inches	Volume: 52.77 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 32000.00 lb
Drill Collar:	Length: 122.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 18000.00 lb
			<u>Total Volume: 53.37 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 64000.00 lb
Depth to Top Packer:	3889.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	39.00 ft			
Tool Length:	66.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3863.00	
Shut In Tool	5.00			3868.00	
Hydraulic tool	5.00			3873.00	
Jars	5.00			3878.00	
Safety Joint	2.00			3880.00	
Packer	5.00			3885.00	27.00 Bottom Of Top Packer
Packer	4.00			3889.00	
Stubb	1.00			3890.00	
Recorder	0.00	8355	Outside	3890.00	
Recorder	0.00	8674	Inside	3890.00	
Perforations	33.00			3923.00	
Bullhose	5.00			3928.00	39.00 Bottom Packers & Anchor

Total Tool Length: 66.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Inc.

19-14s-30w Gove,KS

4924 SE 84th St.
New ton KS 67114

Rose #1

Job Ticket: 58709

DST#: 1

ATTN: Ryan Seib

Test Start: 2014.11.15 @ 20:40:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 49.00 sec/qt
Water Loss: 6.33 in³
Resistivity: ohm.m
Salinity: 1500.00 ppm
Filter Cake: 1.00 inches

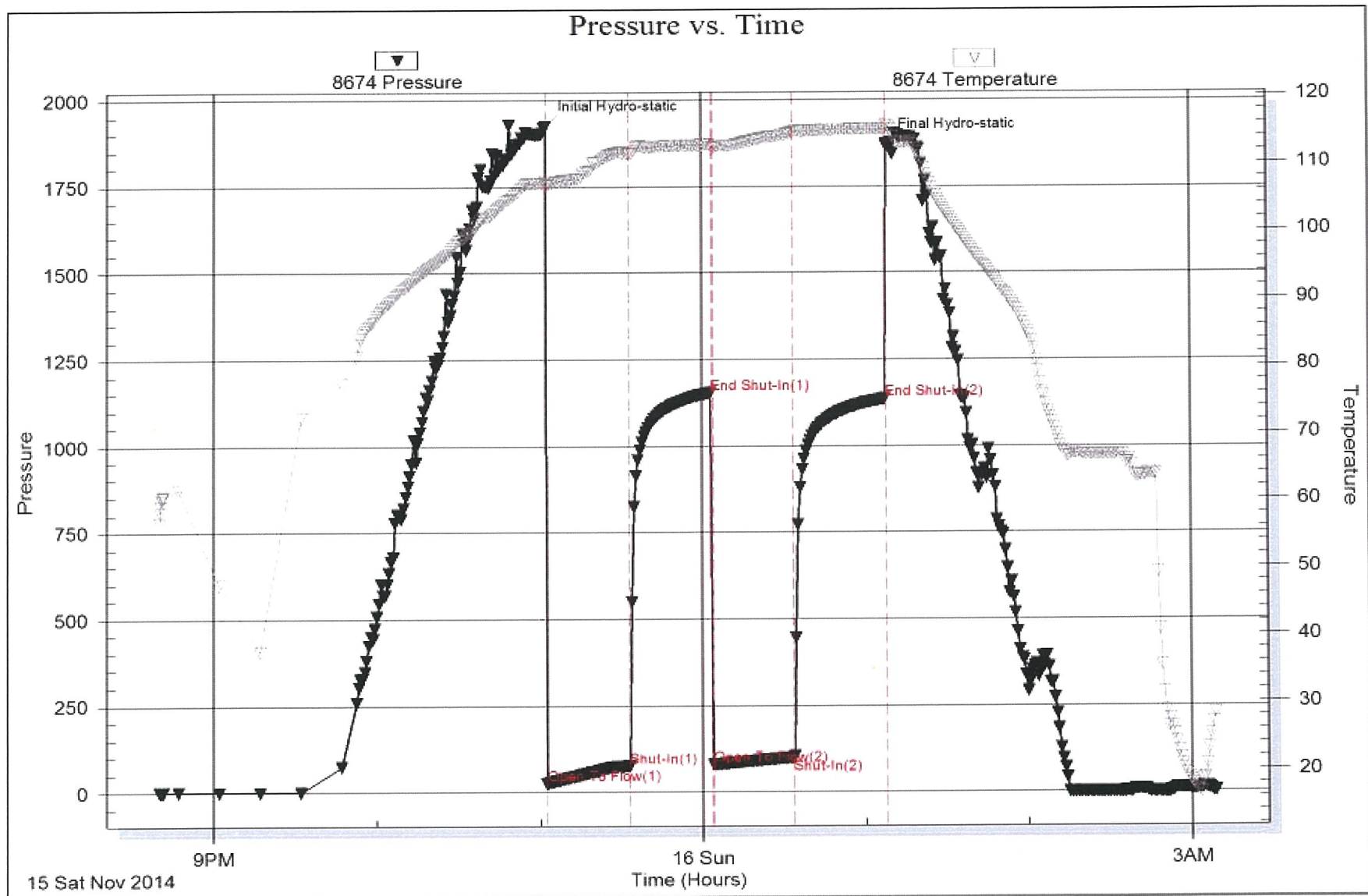
Cushion Type: Oil API: deg API
Cushion Length: ft Water Salinity: 69000 ppm
Cushion Volume: bbl
Gas Cushion Type: psig
Gas Cushion Pressure:

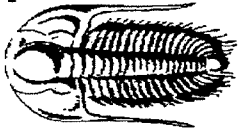
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
122.00	MCM 14% _m 86% _w	0.600
50.00	GWCM 2% _g 19% _w 79% _m with a Few Oil Sp	0.701

Total Length: 172.00 ft Total Volume: 1.301 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: RW is .348 @ 22f = 69000





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

19-14s-30w Gove Co. KS

Rose #1

Job Ticket: 58710
Test Start: 2014.11.16 @ 13:28:00
DST#:2

GENERAL INFORMATION:

Formation: **LKC "C - D"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 15:12:40
Time Test Ended: 19:27:09

Test Type: Conventional Bottom Hole (Reset)
Tester: Will MacLean
Unit No: 71

Interval: 3986.00 ft (KB) To 4010.00 ft (KB) (TVD)
Total Depth: 4010.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

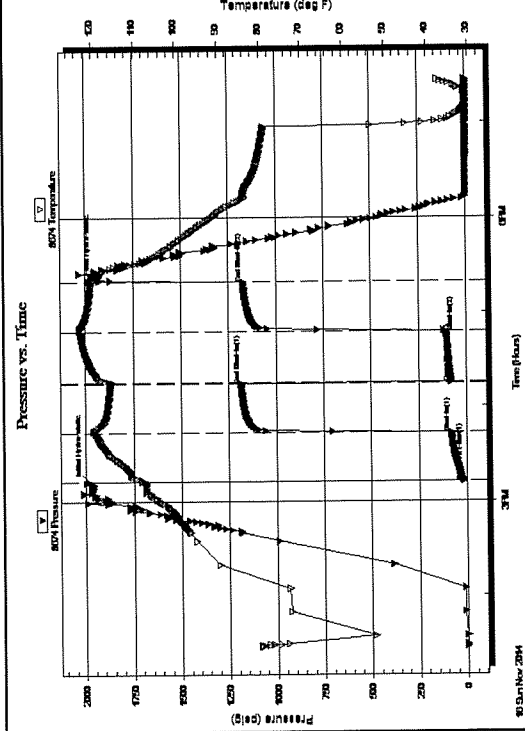
Reference Elevations: 2880.00 ft (KB)
2875.00 ft (CF)
KB to GRVCF: 5.00 ft

Serial #: 8674 Inside

Press@RunDepth: 105.81 psig @ 3987.00 ft (KB)
Start Date: 2014.11.16 End Date:
Start Time: 13:28:00 End Time:

Capacity: 8000.00 psig
Last Calib.: 2014.11.16
Time On Btm: 2014.11.16 @ 15:12:25
Time Off Btm: 2014.11.16 @ 17:19:55

TEST COMMENT: IF- Weak Surface Blow Built to 8 3/4"
ISL- No Blow
FF- Weak Surface Blow Built to 4 1/4"
FSI- No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1980.24	108.30	Initial Hydro-static
1	17.14	107.36	Open To Flow (1)
31	79.06	119.22	Shut-In(1)
63	1186.18	115.72	End Shut-In(1)
63	80.08	114.93	Open To Flow (2)
96	105.81	122.83	Shut-In(2)
127	1174.04	120.29	End Shut-In(2)
128	1926.26	120.62	Final Hydro-static

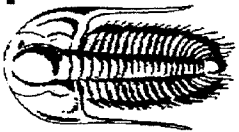
Recovery

Length (ft)	Description	Volume (bbl)
122.00	MCW 16% m 84% w with a Skim of Oil	0.60
62.00	GOMCW 3% g 3% oil 30% m 64% w	0.87
5.00	GOMCW 4% g 7% oil 41% m 48% w	0.07
10.00	100% oil	0.14

* Recovery from multiple tests

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Inc.

19-14s-30w Gove Co. KS

4924 SE 84th St.
New ton KS. 67114

Rose #1

Job Ticket: 58710

DST#: 2

ATTN: Ryan Seib

Test Start: 2014.11.16 @ 13:28:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 49.00 sec/qt
Water Loss: 6.39 in³
Resistivity: ohm.m
Salinity: 1500.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length:
Cushion Volume:
Gas Cushion Type:
Gas Cushion Pressure:

Oil API: 33 deg API
Water Salinity: 42100 ppm
ft
bbl
psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
122.00	MCW 16% _m 84% _w with a Skim of Oil on T	0.600
62.00	GOMCW 3% _g 3% _{oil} 30% _m 64% _w	0.870
5.00	GOMCW 4% _g 7% _{oil} 41% _m 48% _w	0.070
10.00	100% _{oil}	0.140

Total Length: 199.00 ft Total Volume: 1.680 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

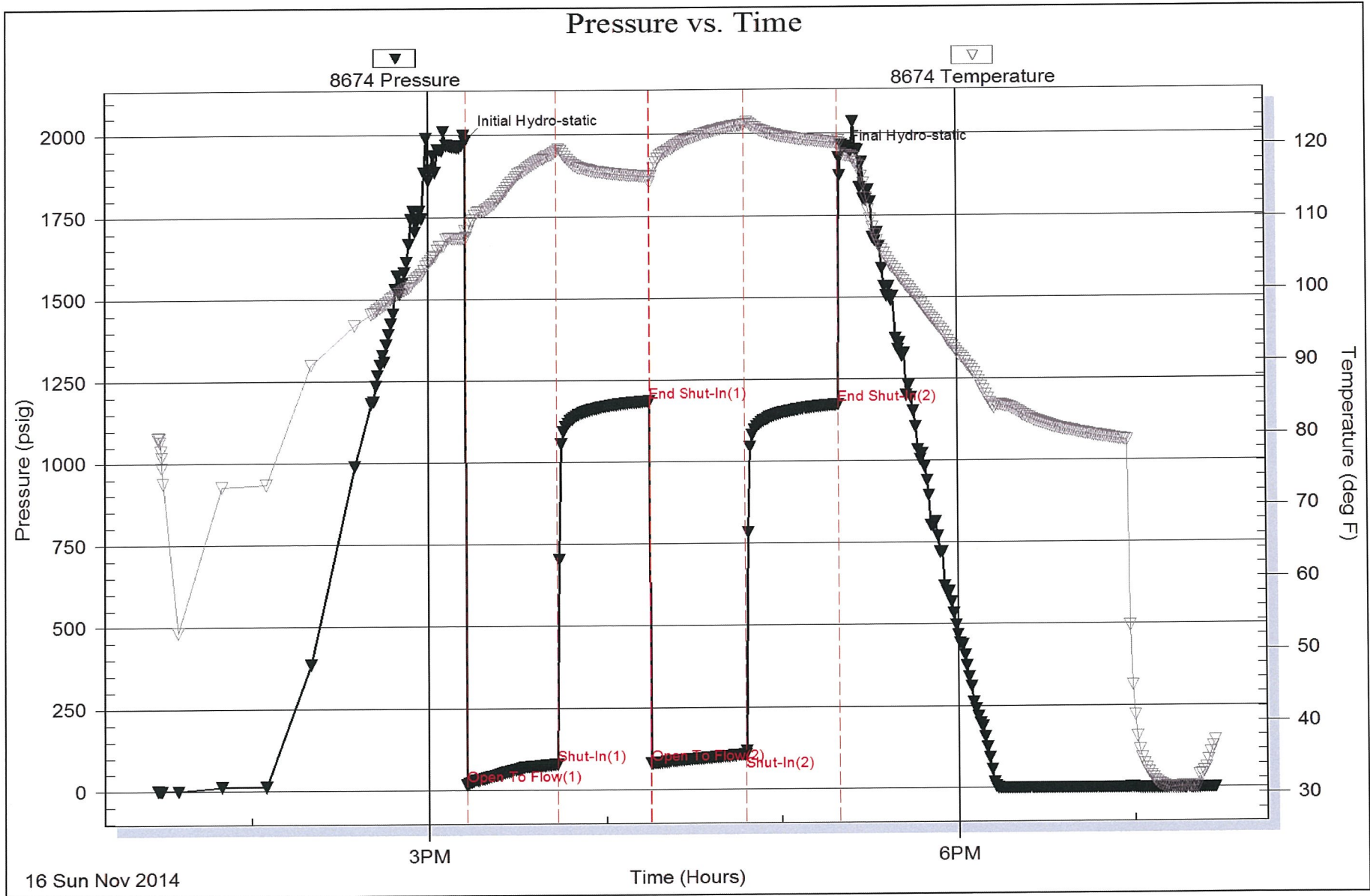
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API is 31 @ 40f = 33

RW is .302 @ 38f = 42100





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum Inc.

19-14s-30w Gove Co. KS

4924 SE 84th St.
Newton KS. 67114

Rose #1

Job Ticket: 58711

DST#:3

ATTN: Ryan Seib

Test Start: 2014.11.17 @ 02:52:00

GENERAL INFORMATION:

Formation: LKC "E - F"
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 05:01:10
Time Test Ended: 09:13:39

Test Type: Conventional Bottom Hole (Reset)
Tester: Will MacLean
Unit No: 71

Interval: 4012.00 ft (KB) To 4056.00 ft (KB) (TVD)
Total Depth: 4056.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches-Hole Condition: Good

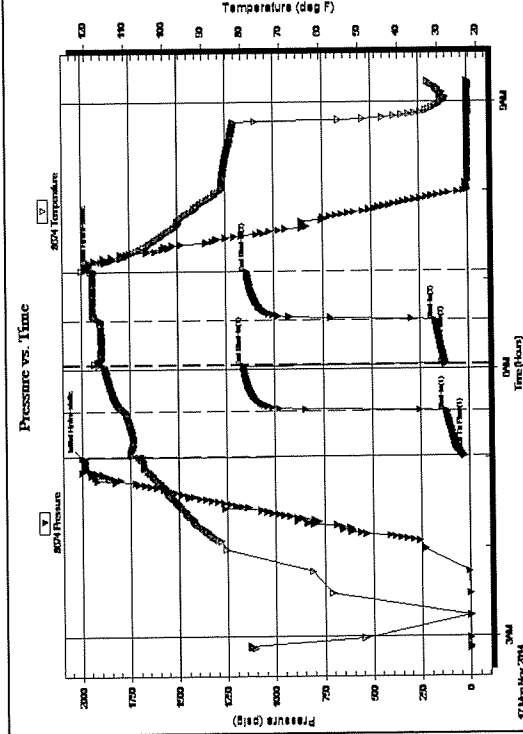
Reference Elevations: 2880.00 ft (KB)
2875.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8674 Inside

Press@RunDepth: 171.73 psig @ 4013.00 ft (KB)
Start Date: 2014.11.17 End Date:
Start Time: 02:52:00 End Time:

Capacity: 8000.00 psig
Last Callb.: 2014.11.17
Time On Btm: 2014.11.17 @ 05:00:40
Time Off Btm: 2014.11.17 @ 07:05:55

TEST COMMENT: IF- Weak Surface Blow Built to BOB in 15 1/2min
IS!- No Blow
FF- Weak Surface Blow Built to BOB in 28min
FS!- No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1997.18	105.58	Initial Hydro-static
1	24.48	105.21	Open To Flow (1)
31	117.97	110.00	Shut-In(1)
62	1163.29	115.34	End Shut-In(1)
63	121.90	116.61	Open To Flow (2)
93	171.73	116.32	Shut-In(2)
125	1143.64	118.32	End Shut-In(2)
126	1926.97	118.78	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
184.00	OGMCW 3%oil 5%g 12%w 80%w	1.47
129.00	OGWCM 4%oil 6%g 42%w 48%w	1.81
20.00	GO 2%g 98%oil	0.28
0.00	99' of GIP	0.00

Gas Rates

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

* Recovery from multiple tests

Trilobite Testing, Inc

Ref. No: 58711

Printed: 2014.11.17 @ 09:54:49



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Inc.

19-14s-30w Gove Co. KS

4924 SE 84th St.
New ton KS. 67114

Rose #1

Job Ticket: 58711

DST#:3

ATTN: Ryan Seib

Test Start: 2014.11.17 @ 02:52:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 49.00 sec/qt
Water Loss: 8.77 in³
Resistivity: ohm.m
Salinity: 2000.00 ppm
Filter Cake: 1.00 inches

Cushion Type: Oil API: 37 deg API
Cushion Length: ft Water Salinity: 52000 ppm
Cushion Volume: bbl
Gas Cushion Type: psig
Gas Cushion Pressure:

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
184.00	OGMCW 3%oil 5%g 12%m 80%w	1.470
129.00	OGWCM 4%oil 6%g 42%w 48%m	1.810
20.00	GO 2%g 98%oil	0.281
0.00	99' of GIP	0.000

Total Length: 333.00 ft Total Volume: 3.561 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

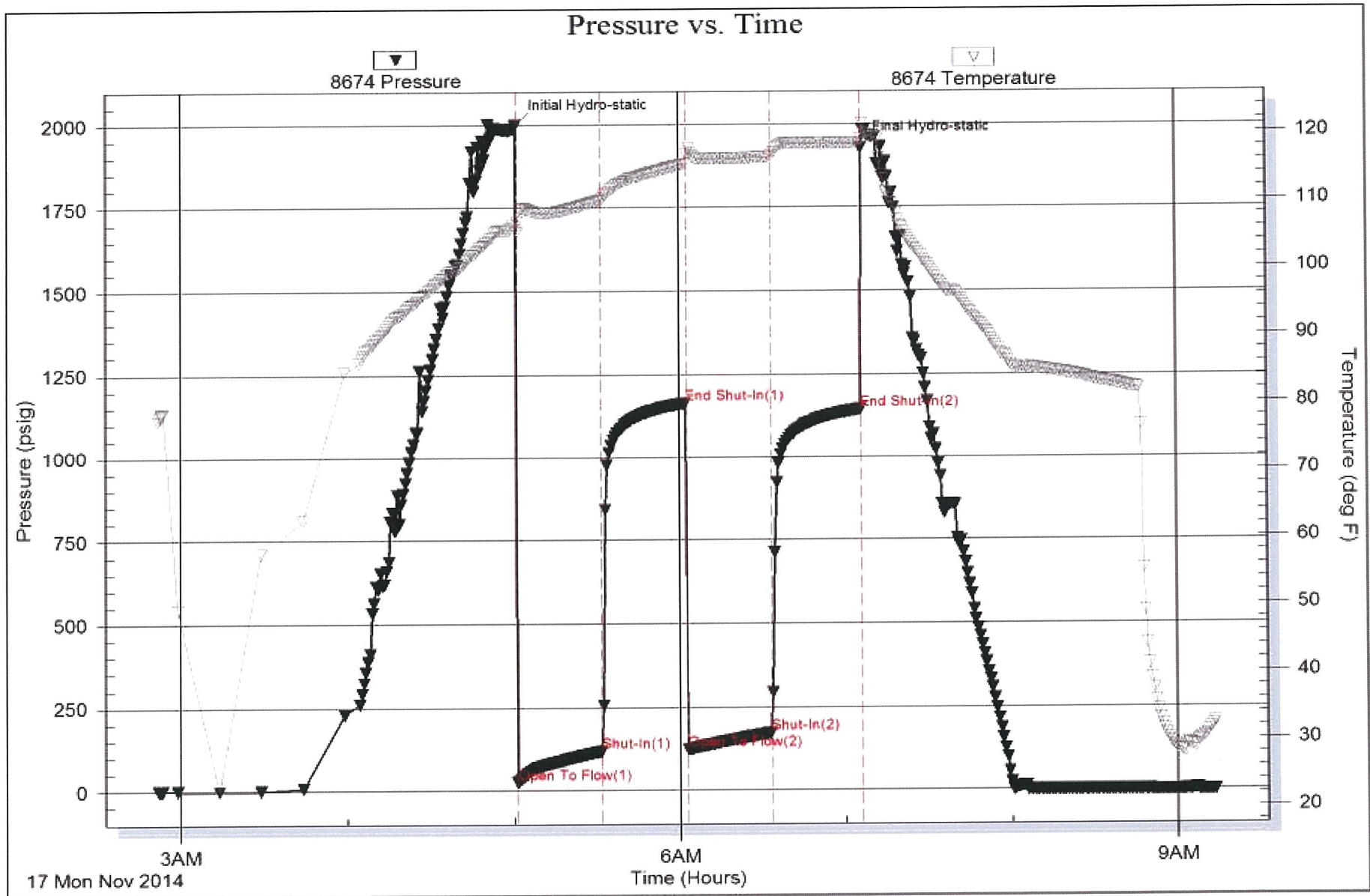
Serial #:

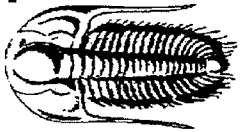
Laboratory Name:

Laboratory Location:

Recovery Comments: API is 34 @ 30f = 37

RW is .382 @ 26f = 52000





TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

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

19-14s-30w Gove Co. KS
Rose #1
 Job Ticket: 58712 **DST#: 4**
 Test Start: 2014.11.17 @ 17:54:00

GENERAL INFORMATION:

Formation: **LKC " G "**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 19:37:40
 Time Test Ended: 23:38:39
Interval: 4036.00 ft (KB) To 4126.00 ft (KB) (TVD)
 Total Depth: 4126.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole (Reset)
 Tester: Will MacLean
 Unit No: 71
 Reference Elevations: 2880.00 ft (KB)
 2875.00 ft (CF)
 5.00 ft
 KB to GR/CF:

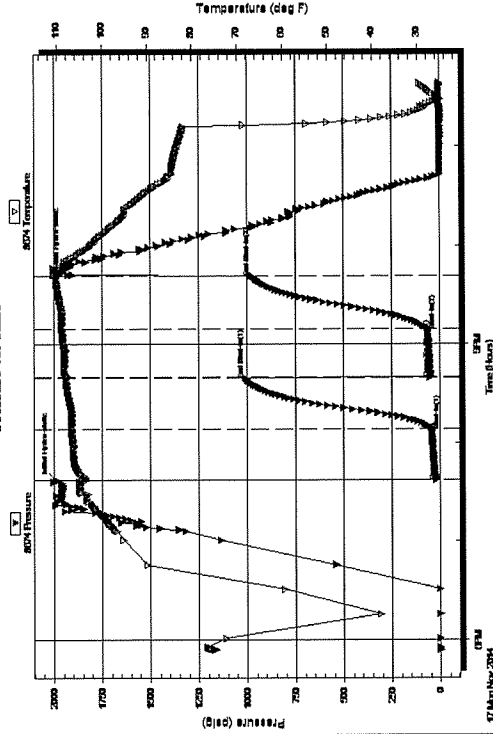
Serial #: 8674 Inside

Press@RunDepth: 64.21 psig @ 4037.00 ft (KB)
 Start Date: 2014.11.17 End Date:
 Start Time: 17:54:00 End Time:

Capacity: 8000.00 psig
 Last Callb.: 2014.11.17
 Time On Btm: 2014.11.17 @ 19:37:25
 Time Off Btm: 2014.11.17 @ 21:42:10

TEST COMMENT: IF- Weak Surface Blow Built to 2 3/4"
 ISI- No Blow
 FF- Weak Surface Blow Built to 1 1/2"
 FSI- No Blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1989.21	104.25	Initial Hydro-static
1	19.75	103.42	Open To Flow (1)
32	44.27	106.73	Shut-in(1)
62	1009.16	107.94	End Shut-in(1)
63	50.09	107.58	Open To Flow (2)
92	64.21	108.92	Shut-in(2)
125	978.48	110.24	End Shut-in(2)
125	1924.83	110.89	Final Hydro-static

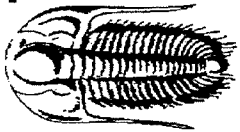
Recovery

Length (ft)	Description	Volume (bbl)
61.00	GWOCM 4%g 5%w 34%oil 57%fm	0.30
10.00	WGOCM 3%w 5%g 12%oil 80%fm	0.05
0.00	51' of GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Inc.

19-14s-30w Gove Co. KS

4924 SE 84th St.
New ton KS. 67114

Rose #1

Job Ticket: 58712

DST#: 4

ATTN: Ryan Seib

Test Start: 2014.11.17 @ 17:54:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 49.00 sec/qt
Water Loss: 6.38 in³
Resistivity: ohm.m
Salinity: 1500.00 ppm
Filter Cake: 1.00 inches

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

Oil API:
Water Salinity: deg API
ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
61.00	GWOCM 4%g 5%w 34%oil 57%m	0.300
10.00	WGOCM 3%w 5%g 12%oil 80%m	0.049
0.00	51' of GIP	0.000

Total Length: 71.00 ft Total Volume: 0.349 bbl

Num Fluid Samples: 0

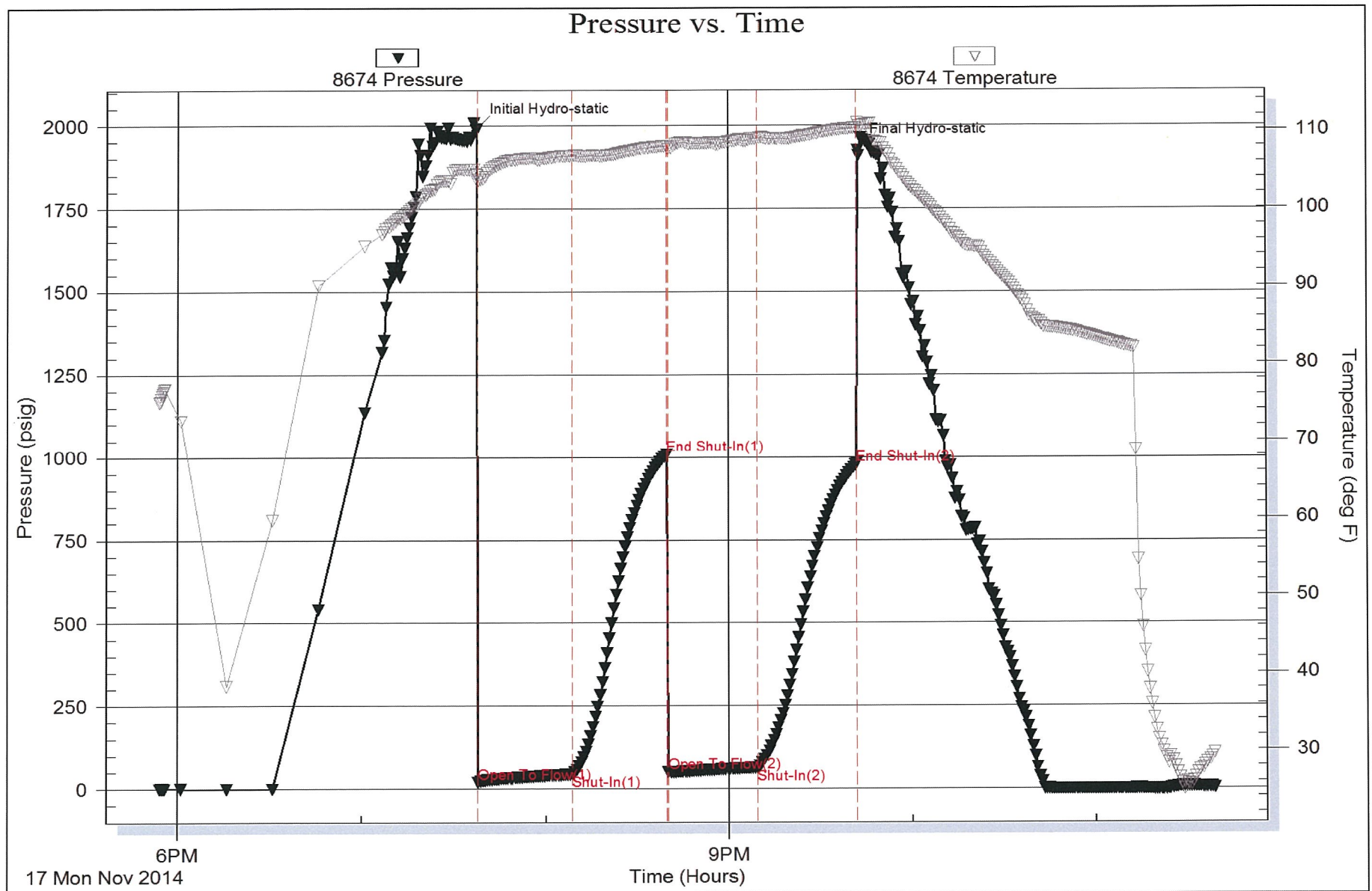
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

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

19-14s-30w Gove Co. KS
Rose #1
 Job Ticket: 58713 **DST#: 5**
 Test Start: 2014.11.18 @ 08:48:00

GENERAL INFORMATION:

Formation: **LKC "H-1"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 10:55:25
 Time Test Ended: 16:19:54
 Interval: **4115.00 ft (KB) To 4183.00 ft (KB) (TVD)**
 Total Depth: 4183.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inchesHole Condition: Good

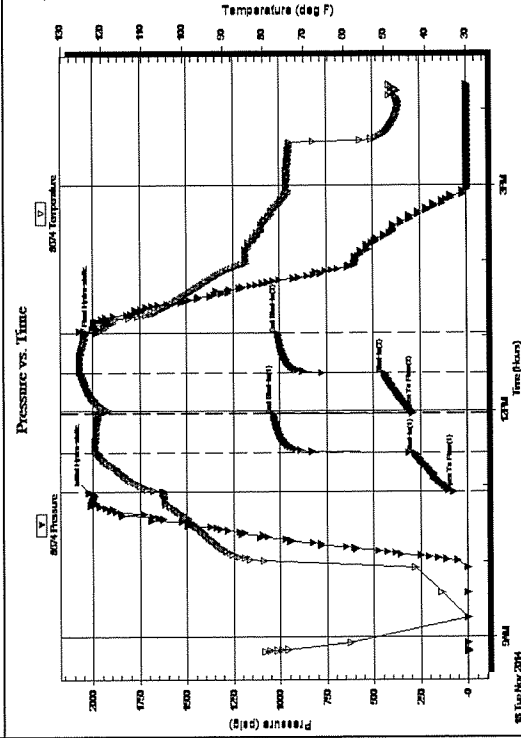
Test Type: Conventional Bottom Hole (Reset)
 Tester: Will MacLean
 Unit No: 71
 Reference Elevations: 2880.00 ft (KB)
 2875.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8674 Inside

Press@RunDepth: 442.72 psig @ 4117.00 ft (KB)
 Start Date: 2014.11.18 End Date:
 Start Time: 08:48:00 End Time:

Capacity: 8000.00 psig
 Last Calib.: 2014.11.18
 Time On Btm: 2014.11.18 @ 10:55:10
 Time Off Btm: 2014.11.18 @ 13:02:40

TEST COMMENT: IF- Surface Blow Built to BOB in 2 1/2min
 IS- Weak Surface Blow Built to BOB in 8 1/4min
 FF- Surface Blow Built to BOB in 2 3/4min
 FS- Weak Surface Blow Built to BOB in 8 1/2min



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2023.25	105.08	Initial Hydro-static
1	69.97	104.48	Open To Flow (1)
32	280.46	120.93	Shut-In(1)
63	1035.24	120.77	End Shut-In(1)
63	289.29	120.23	Open To Flow (2)
95	442.72	125.02	Shut-In(2)
127	1012.29	124.06	End Shut-In(2)
128	1979.55	124.47	Final Hydro-static

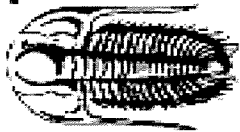
Recovery

Length (ft)	Description	Volume (bbl)
122.00	OGCM 19%oil 22%g 59%m	0.60
248.00	WGMCO 3%w 16%g 19%m 62%oil	3.48
496.00	MGCO 8%m 30%g 62%oil	6.96
248.00	MGCO 12%m 36%g 52%oil	3.48
30.00	GOCM 4%g 14%oil 82%m	0.42
0.00	2882 of GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

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

19-14s-30w Gove Co. KS
Rose #1
Job Ticket: 58713 **DST#: 5**
Test Start: 2014.11.18 @ 08:48:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 49.00 sec/qt
Water Loss: 6.37 in³
Resistivity: ohm.m
Salinity: 1500.00 ppm
Filter Cake: 1.00 inches

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

Oil API: 36 deg API
Water Salinity: ppm

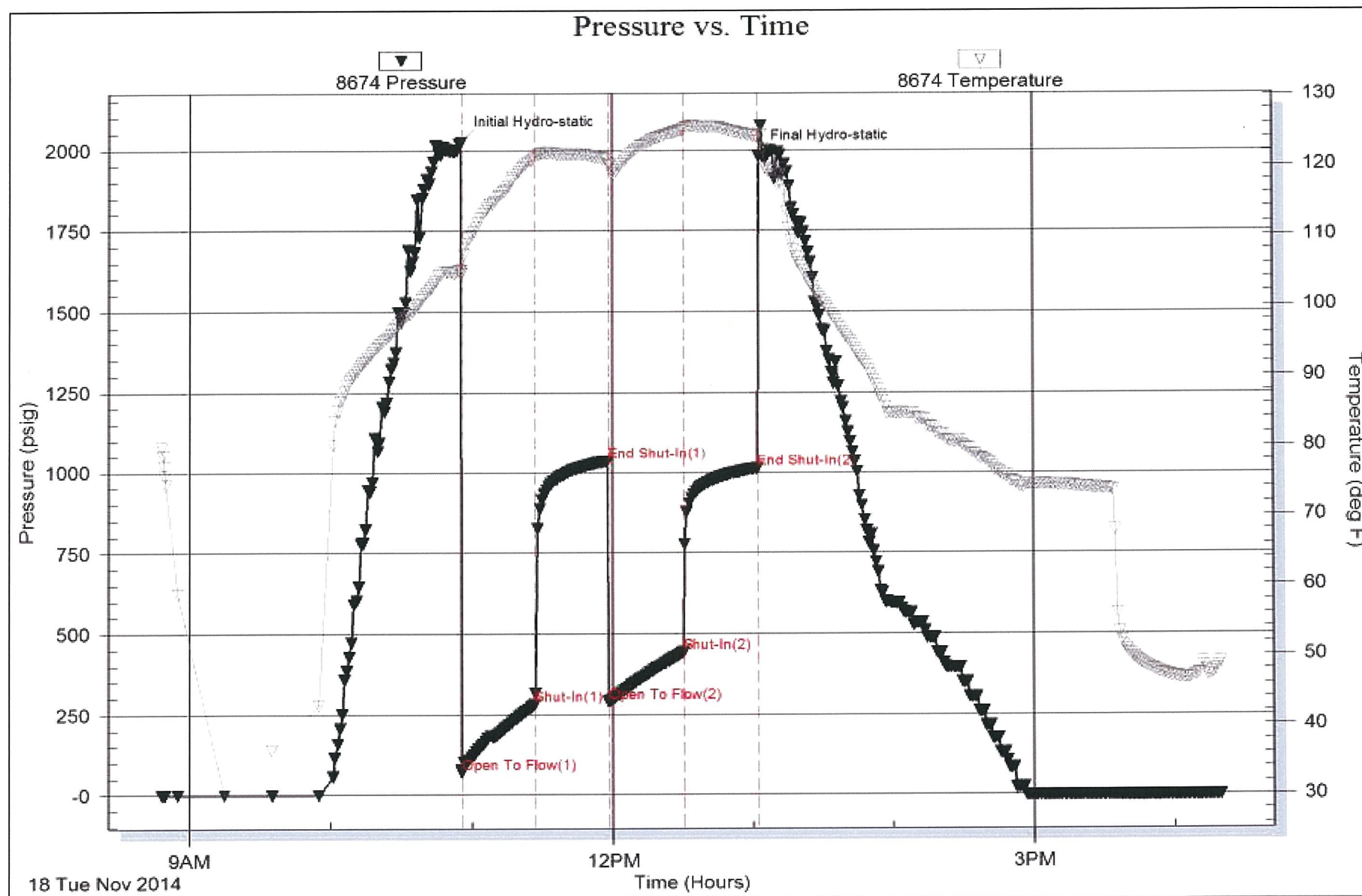
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
122.00	OGCM 19%oil 22%g 59%m	0.600
248.00	WGMCO 3%w 16%g 19%m 62%oil	3.479
496.00	MGCO 8%m 30%g 62%oil	6.958
248.00	MGCO 12%m 36%g 52%oil	3.479
30.00	GOCCM 4%g 14%oil 82%m	0.421
0.00	2882 of GIP	0.000

Total Length: 1144.00 ft Total Volume: 14,937 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: API is 36 @ 60f = 36





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

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

19-14s-30w Gove Co. KS
Rose #1
Job Ticket: 58714 **DST#: 6**
Test Start: 2014.11.19 @ 05:02:00

GENERAL INFORMATION:

Formation: **LKC " J - K - L "** ft (KB)
Deviated: No Whipstock:
Time Tool Opened: 06:57:40
Time Test Ended: 11:02:09
Interval: 4185.00 ft (KB) To 4290.00 ft (KB) (TVD)
Total Depth: 4290.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

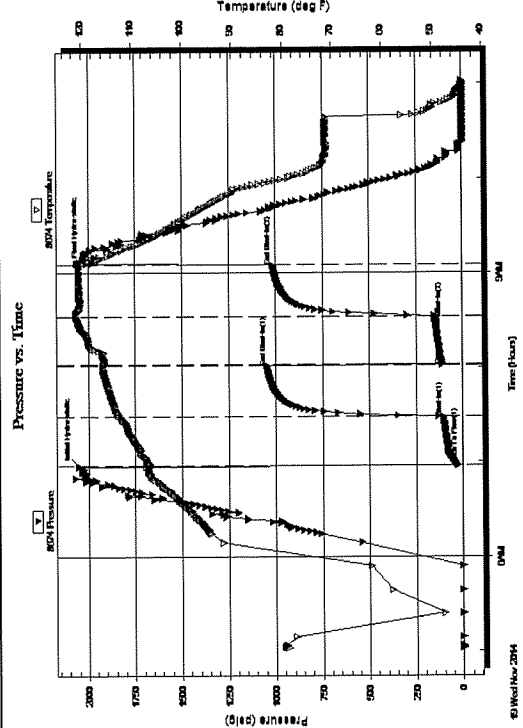
Test Type: Conventional Bottom Hole (Reset)
Tester: Will MacLean
Unit No: 71
Reference Elevations: 2880.00 ft (KB)
2875.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8674 Inside

Press@RunDepth: 151.63 psig @ 4187.00 ft (KB)
Start Date: 2014.11.19 End Date:
Start Time: 05:02:00 End Time:

Capacity: 8000.00 psig
Last Calib.: 2014.11.19
Time On Btm: 2014.11.19 @ 06:57:25
Time Off Btm: 2014.11.19 @ 09:05:55

TEST COMMENT: IF- Weak Surface Blow Built to 10 1/2"
IS- No Blow
FF- Weak Surface Blow Built to 1 1/2"
FSI- No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2051.54	107.15	Initial Hydro-static
1	25.30	106.07	Open To Flow (1)
31	105.57	112.29	Shut-In(1)
64	1046.28	115.91	End Shut-In(1)
64	109.65	115.52	Open To Flow(2)
95	151.63	121.23	Shut-In(2)
128	1015.14	120.62	End Shut-In(2)
129	2009.48	121.13	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
122.00	GMCW 4%g 24% <i>m</i> 72% <i>w</i> with Oil Spc0.60	
124.00	GWCM 5%g 21% <i>w</i> 74% <i>m</i>	1.74
40.00	GWCM 2%g 9% <i>w</i> 89% <i>m</i>	0.56
0.00	22' of GIP	0.00

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Inc.

19-14s-30w Gove Co. KS

4924 SE 84th St.
New ton KS. 67114

Rose #1

Job Ticket: 58714

DST#: 6

ATTN: Ryan Seib

Test Start: 2014.11.19 @ 05:02:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 47.00 sec/qt
Water Loss: 7.19 in³
Resistivity: ohm.m
Salinity: 3000.00 ppm
Filter Cake: 1.00 inches

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

Oil API:
Water Salinity:
deg API
ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
122.00	GMCW 4%g 24% _m 72% _w with Oil Spots	0.600
124.00	GWCM 5%g 21% _w 74% _m	1.739
40.00	GWCM 2%g 9% _w 89% _m	0.561
0.00	22' of GIP	0.000

Total Length: 286.00 ft Total Volume: 2.900 bbl

Num Fluid Samples: 0

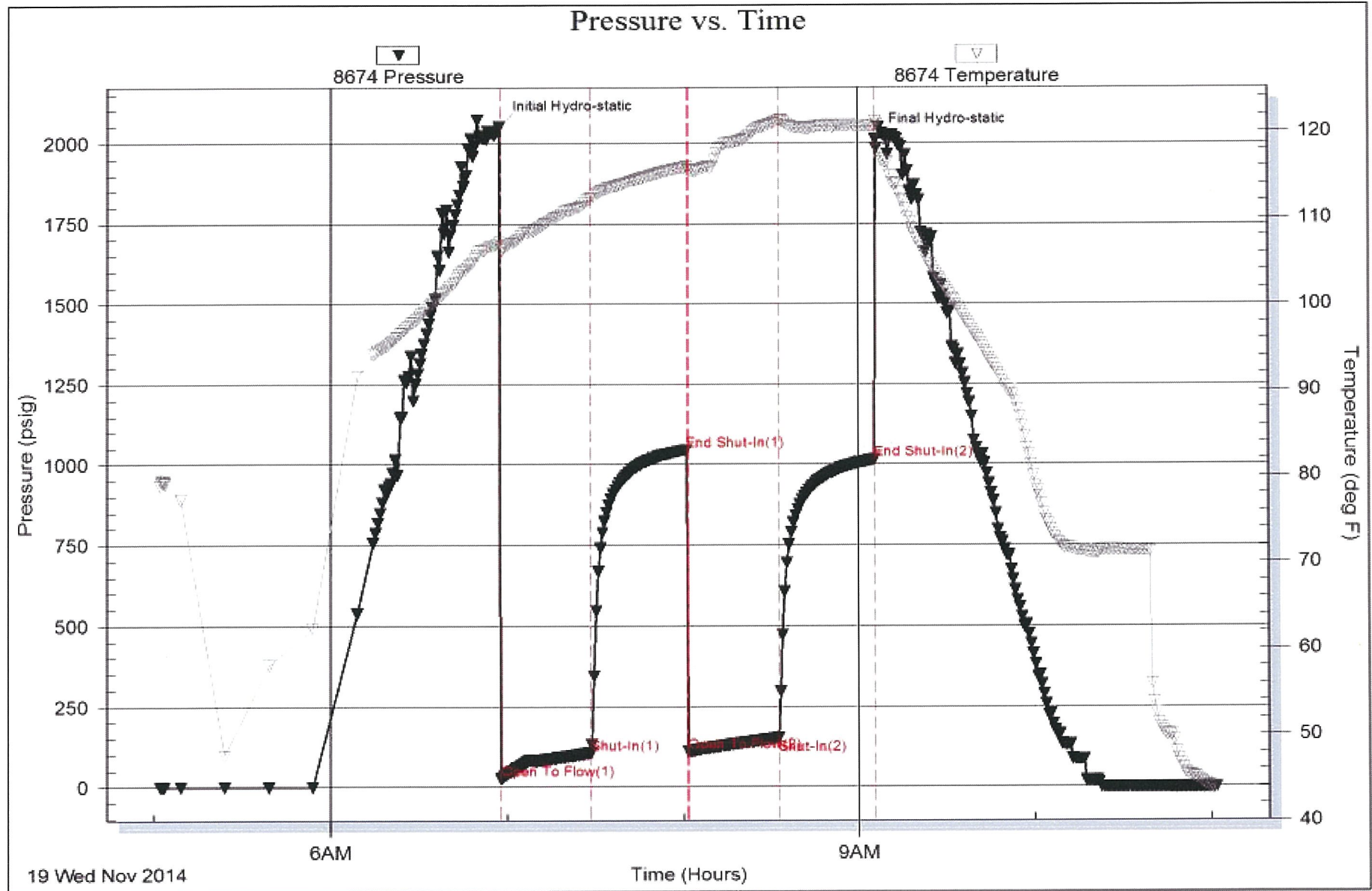
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW is





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

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

19-14s-30w Gove Co. KS
Rose #1
Job Ticket: 58715 **DST#:7**
Test Start: 2014.11.20 @ 04:34:00

GENERAL INFORMATION:

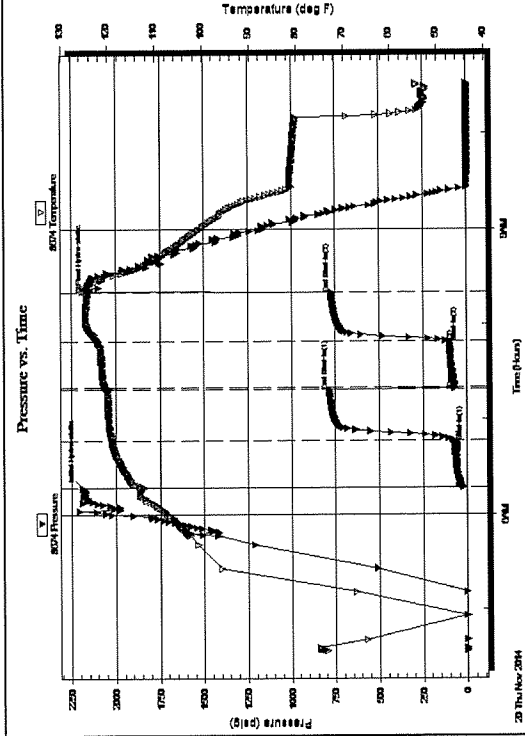
Formation: **Pawnee / Myric Stati**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 06:16:55
Time Test Ended: 10:31:39
Interval: 4421.00 ft (KB) To 4458.00 ft (KB) (TVD)
Total Depth: 4458.00 ft (KB) (TVD)
Hole Diameter: 7.88 inchesHole Condition: Good

Test Type: Conventional Bottom Hole (Reset)
Tester: Will MacLean
Unit No: 71
Reference Elevations: 2880.00 ft (KB)
2875.00 ft (CF)
5.00 ft
KB to GR/CF:

Serial #: 8674 **Inside**
Press@RunDepth: 100.54 psig @ 4424.00 ft (KB)
Start Date: 2014.11.20 End Date:
Start Time: 04:34:00 End Time:

Capacity: 8000.00 psig
Last Calib.: 2014.11.20
Time On Btm: 2014.11.20 @ 06:16:40
Time Off Btm: 2014.11.20 @ 08:20:40

TEST COMMENT: IF- Weak Surface Blow Built to BOB in 11 1/2min
IS- No Blow
FF- Weak Surface Blow Built to BOB in 4min
FS- Weak Surface Blow Built to 1"



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2188.57	113.29	Initial Hydro-static
1	22.25	112.43	Open To Flow (1)
30	73.09	119.24	Shut-In(1)
62	784.90	120.05	End Shut-In(1)
63	68.82	120.19	Open To Flow (2)
93	100.54	122.17	Shut-In(2)
124	774.08	124.44	End Shut-In(2)
124	2139.80	125.02	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
122.00	VMOCG 2%w 17%v 39%oil 42%g	0.60
62.00	VMOCG 2%w 24%v 35%g 39%oil	0.87
40.00	GMCO 6%g 23%v 71%oil	0.56

* Recovery from multiple tests

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Inc.

19-14s-30w Gove Co. KS

4924 SE 84th St.
New ton KS. 67114

Rose #1

Job Ticket: 58715

DST#: 7

ATTN: Ryan Seib

Test Start: 2014.11.20 @ 04:34:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 49.00 sec/qt
Water Loss: 6.34 in³
Resistivity: ohm.m
Salinity: 1500.00 ppm
Filter Cake: 1.00 inches

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

Oil API:
Water Salinity: deg API
ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
122.00	WMOCG 2%w 17%m 39%oil 42%g	0.600
62.00	WMOCG 2%w 24%m 35%g 39%oil	0.870
40.00	GMCO 6%g 23%m 71%oil	0.561

Total Length: 224.00 ft Total Volume: 2.031 bbl

Num Fluid Samples: 0

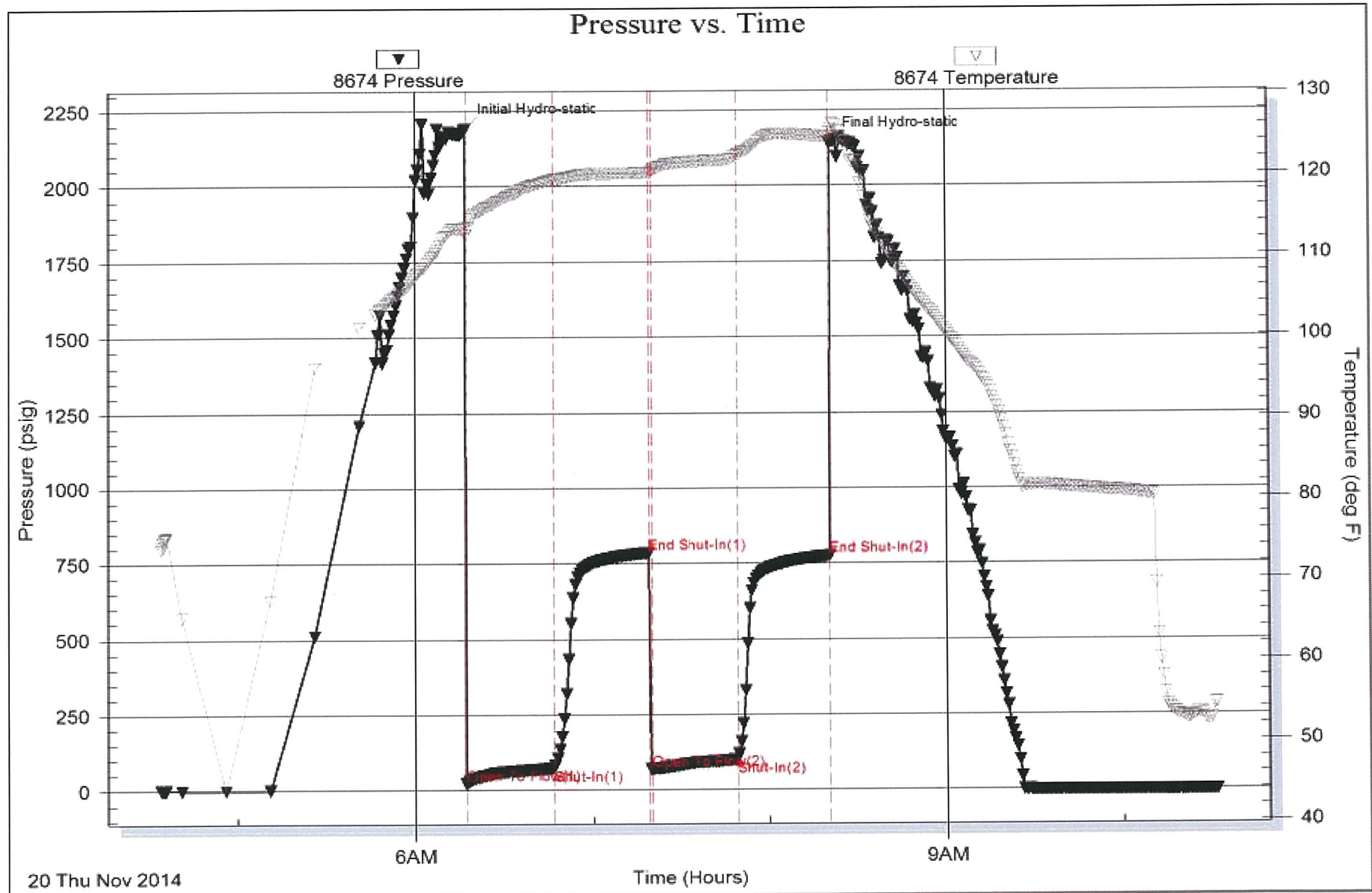
Num Gas Bombs: 0

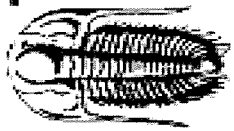
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Palomino Petroleum Inc.

19-14s-30w Gove,KS

4924 SE 84th St.
Newton KS 67114

Rose #1

Job Ticket: 58716

DST#:8

ATTN: Ryan Seib

Test Start: 2014.11.20 @ 22:40:00

GENERAL INFORMATION:

Formation: Ft. Scott - Johnson
Deviated: No Whipstock:
Time Tool Opened: 00:56:25
Time Test Ended: 07:29:10

Test Type: Conventional Bottom Hole (Reset)
Tester: Will MacLean
Unit No: 71

Interval: 4452.00 ft (KB) To 4550.00 ft (KB) (TVD)
Total Depth: 4550.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches-Hole Condition: Good

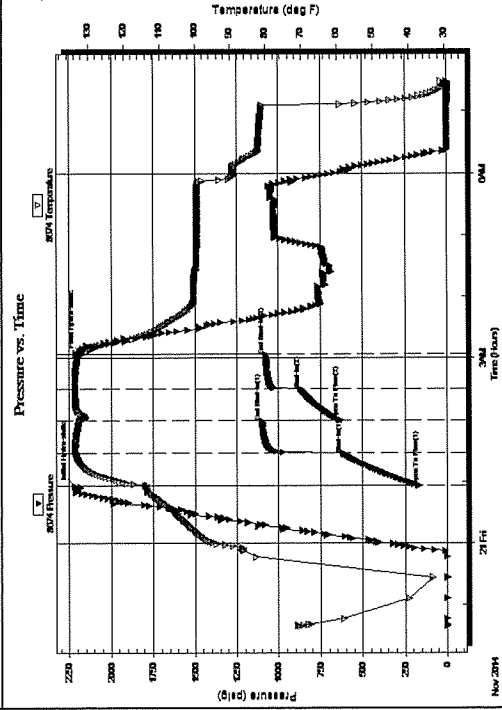
Reference Elevations: 2880.00 ft (KB)
2875.00 ft (CF)
5.00 ft
KB to GRVCF:

Serial #: 8674 Inside

Press@RunDepth: 867.51 psig @ 4455.00 ft (KB)
Start Date: 2014.11.20 End Date:
Start Time: 22:40:00 End Time:

Capacity: 8000.00 psig
Last Calib.: 2014.11.21
Time On Btm: 2014.11.21 @ 00:56:10
Time Off Btm: 2014.11.21 @ 03:04:09

TEST COMMENT: IF- Surface Blow Built to BOB in 1 1/4 min
IS- Weak Surface Blow Built to BOB in 13 1/2 min
FF- Surface Blow Built to BOB in 1 min
FS- Weak Surface Blow Built to BOB in 11 min



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2218.66	113.94	Initial Hydro-static
1	164.08	113.24	Open To Flow (1)
32	618.65	133.34	Shut-In(1)
64	1099.45	132.43	End Shut-In(1)
64	632.57	132.05	Open To Flow (2)
95	867.51	133.71	Shut-In(2)
128	1077.96	132.95	End Shut-In(2)
128	2169.98	133.40	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
184.00	MGCO 4% m 19% g 77% oil	1.47
0.00	25min Sample MGCO 28% m 34% g 38% o 0.00	
0.00	20min Sample MGCO 14% m 30% g 56% o 0.00	
0.00	15min Sample GO 42% g 58% oil	0.00
1860.00	5 & 10min Sample MGCO 8% m 37% g 52% o 6.09	
112.00	GOCM 18% g 29% oil 53% m	1.57

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum Inc.

19-14s-30w Gove,KS

4924 SE 84th St.
Newton KS 67114

Rose #1

Job Ticket: 58716

DST#: 8

ATTN: Ryan Seib

Test Start: 2014.11.20 @ 22:40:00

GENERAL INFORMATION:

Formation: **Ft. Scott - Johnson**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:56:25
 Time Test Ended: 07:29:10

Test Type: Conventional Bottom Hole (Reset)
 Tester: Will MacLean
 Unit No: 71

Interval: **4452.00 ft (KB) To 4550.00 ft (KB) (TVD)**
 Total Depth: 4550.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches-Hole Condition: Good

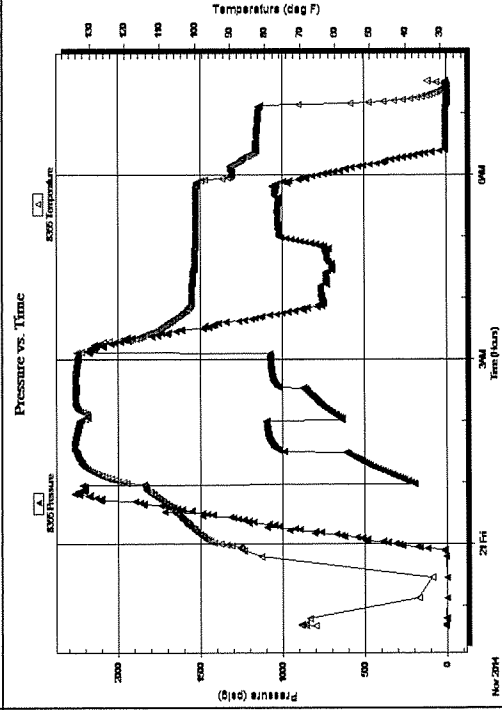
Reference Elevations: 2880.00 ft (KB)
 2875.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8355

Press@RunDepth: psig @ 4455.00 ft (KB)
 Start Date: 2014.11.20 End Date:
 Start Time: 22:40:05 End Time:

Capacity: 8000.00 psig
 Last Calib.: 2014.11.21
 Time On Btm: 07:31:00
 Time Off Btm:

TEST COMMENT: IF- Surface Blow Built to BOB in 1/4 min
 IS- Weak Surface Blow Built to BOB in 13 1/2 min
 FF- Surface Blow Built to BOB in 1 min
 FS- Weak Surface Blow Built to BOB in 11 min



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
184.00	MGCO 4% m 19% g 77% oil	1.47
0.00	25min Sample MGCO 28% m 34% g 38% 0.00	
0.00	20min Sample MGCO 14% m 30% g 56% 0.00	
0.00	15min Sample GO 42% g 58% oil	0.00
1860.00	5 & 10min Sample MGCO 8% m 37% g 52% 6.09	
112.00	GOCM 18% g 29% oil 53% m	1.57

Gas Rates

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

* Recovery from multiple tests

Trilobite Testing, Inc

Ref. No: 58716

Printed: 2014.11.24 @ 16:59:22



DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum Inc.

19-14s-30w Gove,KS

4924 SE 84th St.
Newton KS 67114

Rose #1

Job Ticket: 58716

DST#: 8

ATTN: Ryan Seib

Test Start: 2014.11.20 @ 22:40:00

Tool Information

Drill Pipe: Length: 4327.00 ft Diameter: 3.80 inches Volume: 60.70 bbl Tool Weight: 2000.00 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: 24000.00 lb

Drill Pipe Above KB: 24.00 ft Tool Chased ft
 Depth to Top Packer: 4452.00 ft String Weight: Initial 64000.00 lb
 Depth to Bottom Packer: ft Final 70000.00 lb
 Interval between Packers: 98.00 ft
 Tool Length: 125.00 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			4426.00	
Shut In Tool	5.00			4431.00	
Hydraulic tool	5.00			4436.00	
Jars	5.00			4441.00	
Safety Joint	2.00			4443.00	
Packer	5.00			4448.00	27.00 Bottom Of Top Packer
Packer	4.00			4452.00	
Stubb	1.00			4453.00	
Perforations	2.00			4455.00	
Recorder	0.00	8355	Outside	4455.00	
Recorder	0.00	8674	Inside	4455.00	
Perforations	25.00			4480.00	
Change Over Sub	1.00			4481.00	
Drill Pipe	63.00			4544.00	
Change Over Sub	1.00			4545.00	
Bullnose	5.00			4550.00	98.00 Bottom Packers & Anchor
Total Tool Length:				125.00	



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Inc.

19-14s-30w Gove,KS

4924 SE 84th St.
New ton KS 67114

Rose #1

Job Ticket: 58716

DST#: 8

ATTN: Ryan Seib

Test Start: 2014.11.20 @ 22:40:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 50.00 sec/qt
Water Loss: 7.97 in³
Resistivity: ohm.m
Salinity: 3000.00 ppm
Filter Cake: 1.00 inches

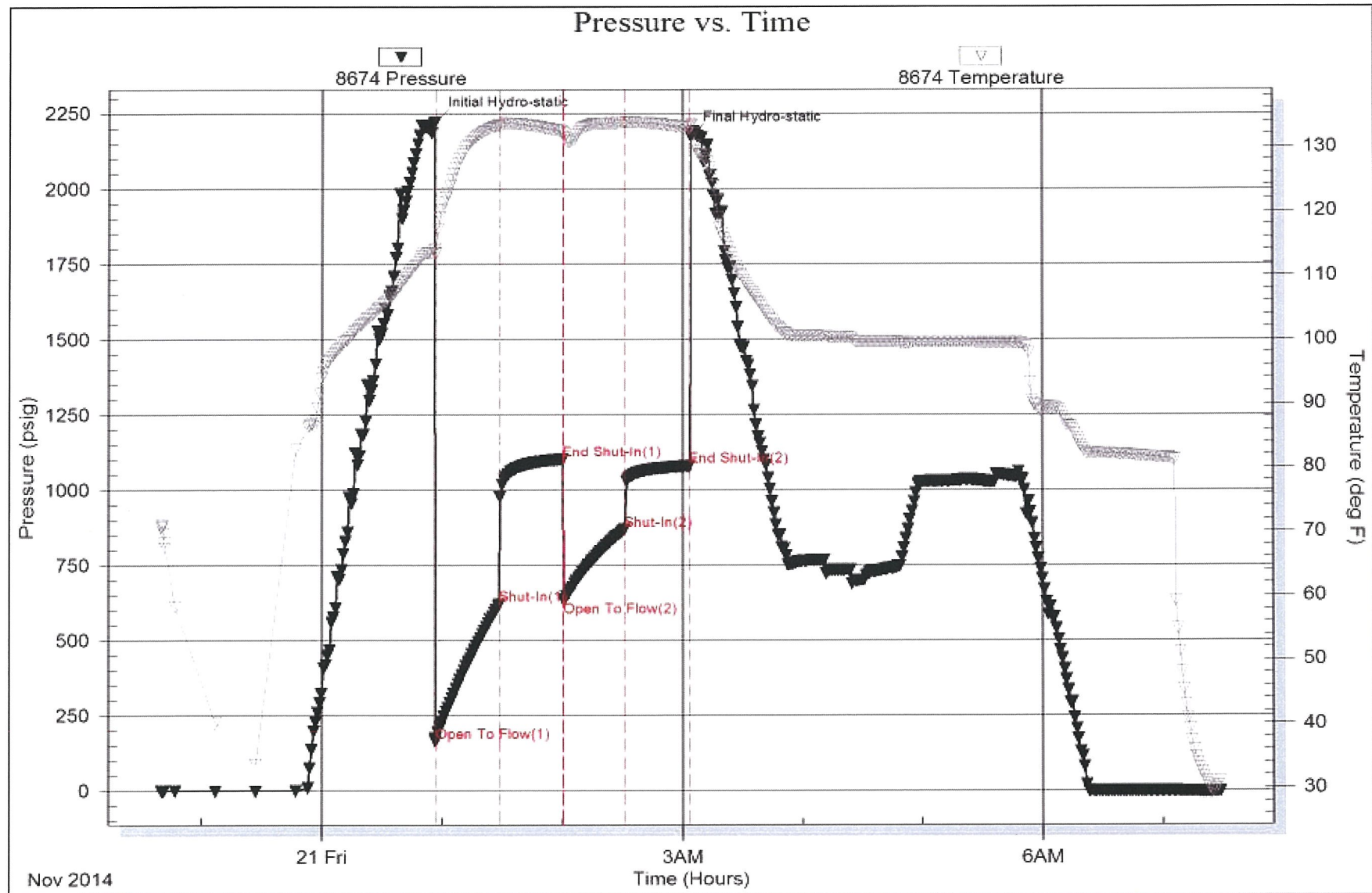
Cushion Type: Oil API: 27 deg API
Cushion Length: ft Water Salinity: ppm
Cushion Volume: bbl
Gas Cushion Type: psig
Gas Cushion Pressure:

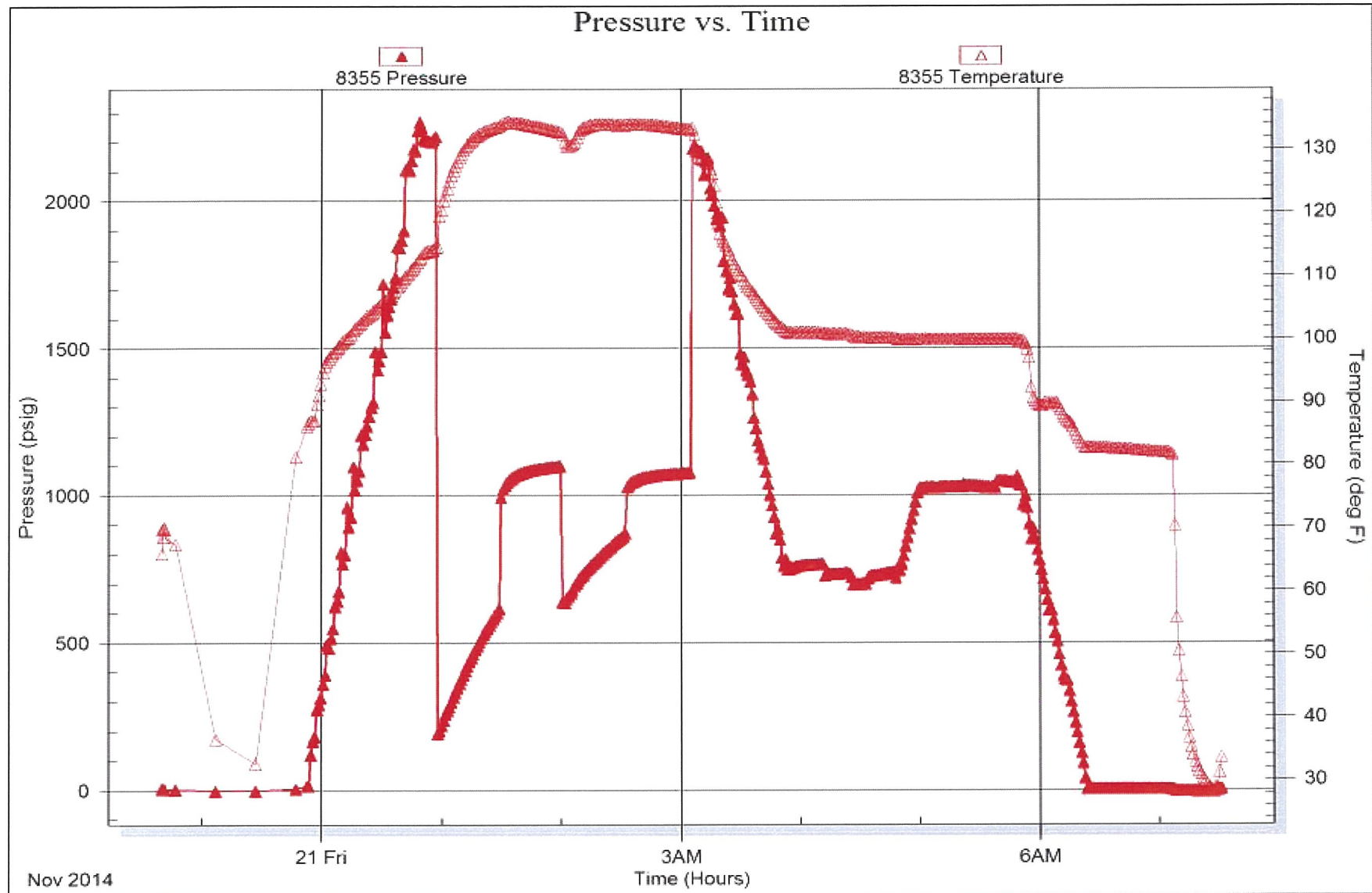
Recovery Information

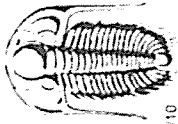
Recovery Table

Length ft	Description	Volume bbl
184.00	MGCO 4% _m 19% _g 77% _{oil}	1.470
0.00	25min Sample MGCO 28% _m 34% _g 38% _{oil}	0.000
0.00	20min Sample MGCO 14% _m 30% _g 56% _{oil}	0.000
0.00	15min Sample GO 42% _g 58% _{oil}	0.000
1860.00	5 & 10min Sample MGCO 8% _m 37% _g 55% _o	26.091
112.00	GOCM 18% _g 29% _{oil} 53% _m	1.571
0.00	2180' of GIP	0.000

Total Length: 2156.00 ft Total Volume: 29.132 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: API is 24 @ 30f = 27







TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 58709

4-10

Well Name & No. Rose #1 Test No. DST #1 Date 11-15-14
 Company Palomino Petroleum Inc Elevation 2880 KB 2875 GL
 Address 4924 SE 84th St, Newton Ks 67114
 Co. Rep / Geo. Ryan Sob Rig VW10
 Location: Sec. 19 Twp. 14s Rge. 30w Co. Goove State KS

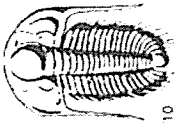
Interval Tested 3889-3928 Zone Tested Forank Mud Wt. 8.9
 Anchor Length 39 Drill Pipe Run 3762 Vis 49
 Top Packer Depth 3885 Drill Collars Run 122 WL 64
 Bottom Packer Depth 3889 Wt. Pipe Run 0 LCM 115
 Total Depth 3928 Chlorides 1500 ppm System
 Blow Description IF - Weak Surten Blow Bull to 6 1/2" Sld about 5' to Bottom
ISI - No Blow
IF - Weak Surten Blow Bull to 5 3/4"
ESI - No Blow

Rec	50	Feet of	Chlort	with a couple of spots of	%gas	%oil	19	%water	79	%mud
Rec	122	Feet of	WCTT	MCW	%gas	%oil	86	%water	14	%mud
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 172 BHT 115 Gravity 1150 API RW 340 @ 22 ° F Chlorides 69000 ppm
 (A) Initial Hydrostatic 1922 Test Jars 250 T-On Location 18.14
 (B) First Initial Flow 24 Safety Joint 75 T-Started 20:40
 (C) First Final Flow 75 Circ Sub N/C T-Open 23:02
 (D) Initial Shut-In 1153 Hourly Standby T-Pulled 1:07
 (E) Second Initial Flow 79 Mileage 148 R/T 82 T-Out 3:09
 (F) Second Final Flow 79 Sampler 127.10 Comments
 (G) Final Shut-In 1136 Straddle
 (H) Final Hydrostatic 1868 Shale Packer
 Ruined Shale Packer
 Ruined Packer
 Extra Copies

Initial Open 30 Sub Total 0
 Initial Shut-In 30 Total 1602.10
 Final Flow 30 MP/DST Disc't
 Final Shut-In 30 Sub Total 1602.10

Approved By [Signature] Our Representative [Signature]
 Trilobite Testing Inc. shall not be liable for damaged or any kind of the property or personnel of the one for whom a test is made, or for any loss suffer, direct or indirect, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRIOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 58710

4-10

Well Name & No. Rose #1 Test No. DST #2 Date 11-16-14
 Company Palomino Petroleum Inc Elevation 2880 KB 2575 GL
 Address 4924 SE 89th St Newton KS 67114
 Co. Rep / Geo. Ryan Seib Rig WW10
 Location: Sec. 19 Twp. 14S Rge. 30W Co. Gove State KS

Interval Tested 3986 - 4010 Zone Tested LRC "C-D"
 Anchor Length 24 Drill Pipe Run 3857 Mud Wt. 9.1
 Top Packer Depth 3982 Drill Collars Run 122 Vis 49
 Bottom Packer Depth 3986 Wt. Pipe Run 0 WL 88
 Total Depth 4010 Chlorides 115 ppm System LCM 2000

Blow Description FF-Weak Surface Blow Built to 8 3/4"
TST- No Blow
FF-Weak Surface Blow Built to 4 1/4
FST- No Blow

Rec	Feet of	%gas	%oil	%water	%mud
Rec 10	Feet of <u>Oil</u>		<u>100</u>		
Rec 5	Feet of <u>GOMCW</u>	<u>4</u>	<u>7</u>	<u>48</u>	<u>41</u>
Rec 62	Feet of <u>GOMCW</u>	<u>3</u>	<u>3</u>	<u>64</u>	<u>30</u>
Rec 122	Feet of <u>MCM with SRM at collar top</u>		<u>84</u>		<u>16</u>
Rec	Feet of	%gas	%oil	%water	%mud

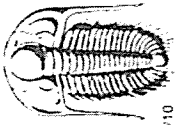
Rec Total 199 BHT 120 Gravity 33 API RW 302 @ 38 ° F Chlorides 42100 ppm
 (A) Initial Hydrostatic 1980 Test 1250 T-On Location 1304
 (B) First Initial Flow 17 Jars 250 T-Started 1328
 (C) First Final Flow 79 Safety Joint 75 T-Open 1512
 (D) Initial Shut-In 1186 Circ Sub N/C T-Pulled 1719
 (E) Second Initial Flow 80 Hourly Standby T-Out 1927

(F) Second Final Flow 105 Mileage 82 RT 127.10 Comments APT is 310406 = 33
 (G) Final Shut-In 1174 Sampler
 (H) Final Hydrostatic 1926 Straddle

Shale Packer Ruined Shale Packer
 Extra Packer Ruined Packer
 Extra Recorder Extra Copies 0
 Sub Total 1702.10
 Day Standby MP/DST Disc't
 Accessibility 1702.10
 Sub Total 1702.10

Approved By [Signature] Our Representative [Signature]

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TRIOBITE TESTING INC.
1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 58711

4-10

Well Name & No. Rose #1 Test No. DST #3 Date 11-17-14
 Company Palomar Petroleum Elevation 2880 KB 2825 GL
 Address 4924 SE 84th St Newton KS 67114
 Co. Rep/Geo. Ryan Seib Rig WW10
 Location: Sec. 19 Twp. 14S Rge. 30W Co. Grove State KS

Interval Tested 4012-4056 Zone Tested LKC "E-F" Mud Wt. 9.1
 Anchor Length 44 Drill Pipe Run 3807 Vis 49
 Top Packer Depth _____ Drill Collars Run 122 WL 88
 Bottom Packer Depth _____ Wt. Pipe Run 0 LCM 116
 Total Depth _____ Chlorides 2000 ppm System _____

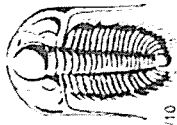
Blow Description IF-Weak Surface Blow Built to BOB in 12.2 min
BT- No Blow
FF-Weak Surface Blow Built to BOB in 28 min
FS- No Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>20</u>	<u>60</u>	<u>2</u>	<u>98</u>		
<u>129</u>	<u>60-62M</u>	<u>6</u>	<u>4</u>	<u>42</u>	<u>48</u>
<u>184</u>	<u>60-62M</u>	<u>5</u>	<u>3</u>	<u>80</u>	<u>12</u>
	<u>99' of 67P</u>				

Rec Total 119 BHT 37 Gravity 37 API RW 1302 @ 26 ° F Chlorides 5200 ppm
 Test 1250 T-On Location 2.16
 Jars 250 T-Started 2.52
 Safety Joint 75 T-Open 5.01
 Circ Sub N/C T-Pulled 7.05
 Hourly Standby _____ T-Out 9.13

(E) Second Initial Flow 121 comments API 15 34 @ 301 = 37
 (F) Second Final Flow 171
 (G) Final Shut-In 1143
 (H) Final Hydrostatic 1926
 Mileage 82 R/7 127.10
 Sampler _____
 Straddle _____
 Shale Packer 250
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Initial Open 30
 Initial Shut-In 30
 Final Flow 30
 Final Shut-In 30
 Sub Total 1952.10
 MP/DST Disc't _____

Approved By [Signature] Our Representative [Signature]
 Triobite Testing Inc. shall not be liable for damaged or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRIOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 58712

4/10

Well Name & No. Rose #1 Test No. DST #4 Date 11-17-14
 Company Palomino Petroleum Inc Elevation 2880 KB 2875 GL
 Address 4924 SE 84th St. Newton KS 67114
 Co. Rep / Geo. Ryan Sob Rig NW 10
 Location: Sec. 19 Twp. 14S Rge. 30W Co. Greave State KS

Interval Tested 4036 4126 Zone Tested LKC 1'6" Mud Wt. 9.3
 Anchor Length 90 Drill Pipe Run 3891 Vis 47
 Top Packer Depth 4032 Drill Collars Run 122 WL 9.6
 Bottom Packer Depth 4036 Wt. Pipe Run 0 LCM 115
 Total Depth 4126 Chlorides 3300 ppm System

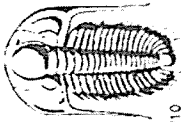
Blow Description TC Walk Surface Blow Built to 234"
TST - No Blow
FF Walk Surface Blow Built to 192"
FST - No Blow

Rec <u>10</u>	Feet of <u>WCO</u>	<u>5</u> %gas	<u>12</u> %oil	<u>3</u> %water	<u>80</u> %mud
Rec <u>61</u>	Feet of <u>GWOCM</u>	<u>4</u> %gas	<u>34</u> %oil	<u>5</u> %water	<u>57</u> %mud
Rec _____	Feet of <u>51' of GIP</u>	%gas	%oil	%water	%mud
Rec _____	Feet of _____	%gas	%oil	%water	%mud
Rec _____	Feet of _____	%gas	%oil	%water	%mud

Rec Total 71 BHT 110 Gravity _____ API RW _____ @ _____ ° F Chlorides _____ ppm
 (A) Initial Hydrostatic 1989 Test _____ @ _____
 (B) First Initial Flow 19 Jars 250
 (C) First Final Flow 44 Safety Joint 75
 (D) Initial Shut-In 1009 Circ Sub N/C
 (E) Second Initial Flow 50 Hourly Standby _____
 (F) Second Final Flow 64 Mileage 82 R/T 127.10
 (G) Final Shut-In 978 Sampler _____
 (H) Final Hydrostatic 1924 Straddle _____

Initial Open 30 Shale Packer 250 Ruined Shale Packer _____
 Initial Shut-In 30 Extra Packer _____ Ruined Packer _____
 Final Flow 30 Extra Recorder _____ Extra Copies _____
 Final Shut-In 30 Day Standby _____ Sub Total 0
 Total 1952.10
 MP/DST Disc't _____

Approved By A. Sed Our Representative W. J. M.
 Triobite Testing Inc. shall not be liable for damaged or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRIOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 58713

4-10

Well Name & No. Ross #1 Test No. DST #5 Date 11-18-14
 Company Petroleum Petroleum Elevation 2850 KB 2875 GL
 Address 4924 SE 84th St. Newton KS 67114
 Co. Rep / Geo. Ryan Seib Rig WN10
 Location: Sec. 19 Twp. 14s Rge. 30w Co. Cove State KS

Interval Tested 4115-4183 Zone Tested LKC "A-I" Mud Wt. 9.3
 Anchor Length TTTT 608 Drill Pipe Run 3982 Vis 47
 Top Packer Depth 4115 Drill Collars Run 122 WL 9.6
 Bottom Packer Depth 4115 Wt. Pipe Run 0 LCM 115
 Total Depth 4183 Chlorides 3300 ppm System

Blow Description IF - Surface Blow Built to BOB in 2 1/2 min
IS1 - Weak Surface Blow Built to BOB in 8 1/4 min
FF - Surface Blow Built to BOB in 2 3/4 min
FS1 - Weak Surface Blow Built to BOB in 5 1/2 min

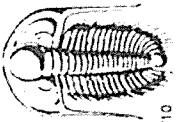
Rec	Feet of	%gas	%oil	%water	%mud
<u>30</u>	<u>COCCM</u>	<u>4</u>	<u>14</u>	<u>82</u>	<u>82</u>
<u>248</u>	<u>MCCO</u>	<u>36</u>	<u>52</u>	<u>12</u>	<u>12</u>
<u>496</u>	<u>MCCO</u>	<u>30</u>	<u>62</u>	<u>8</u>	<u>8</u>
<u>248</u>	<u>WCCO</u>	<u>16</u>	<u>62</u>	<u>3</u>	<u>19</u>
<u>182</u>	<u>COCCM</u>	<u>22</u>	<u>19</u>	<u>59</u>	<u>59</u>

Rec Total 1144 BHT 125 Gravity 16 API RW @ 5 F Chlorides 8104 ppm
 Test 1250
 Bars 250
 Safety Joint 75
 Circ Sub WLC
 Hourly Standby
 Mileage 92 K/T 127.10 Comments API is 260601 = 36
 Sampler
 Straddle
 Shale Packer
 Extra Packer
 Extra Recorder
 Day Standby
 Accessibility
 Ruined Shale Packer
 Ruined Packer
 Extra Copies
 Sub Total 1702.10
 Total 1702.10
 MP/DST Disc't

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

Approved By A.C.C. Our Representative W.W.

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TRIOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 58714

Well Name & No. Rise #1 Test No. DST #6 Date 11-19-14
 Company Palomino Petroleum Inc Elevation 2880 KB 2875 GL
 Address 4924 SE 84th St, Newton KS 67114
 Co. Rep / Geo. Ryan Seib Rig WW10
 Location: Sec. 19 Twp. 14S Rge. 30W Co. Grave State KS

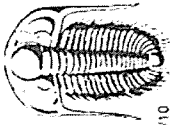
Interval Tested 4185-4290 Zone Tested LKC "J-K-L"
 Anchor Length 105 Drill Pipe Run 4046 Mud Wt. 9.3
 Top Packer Depth 4181 Drill Collars Run 122 Vis 4.7
 Bottom Packer Depth 4185 Wt. Pipe Run 0 WL 7.2
 Total Depth 4290 Chlorides 3000 ppm System LCM 116
 Blow Description IF - Weak Surface Blow Built to 10'2"
IS2 - No. Block
FF - Weak Surface Blow Built to 1 1/2"

Rec	Feet of	%oil	%water	%mud
40	Feet of <u>CLMCM with slm to col top 20'</u>	<u>9</u>	<u>89</u>	<u>87</u>
124	Feet of <u>CLMCM with oil spots</u>	<u>21</u>	<u>74</u>	<u>74</u>
122	Feet of <u>6-11CW with oil spots</u>	<u>72</u>	<u>24</u>	<u>24</u>
	Feet of <u>22' of 6-IP</u>			

Rec Total 121 BHT 121 Gravity 1250 API RW 149 @ 45 ° F Chlorides 80 ppm
 (A) Initial Hydrostatic 2051 Test 1250
 (B) First Initial Flow 25 Jars 250 T-On Location 4:00
 (C) First Final Flow 105 Safety Joint 75 T-Started 5:02
 (D) Initial Shut-In 1046 Circ Sub NIC T-Open 6:57
 (E) Second Initial Flow 109 Hourly Standby 127.10 T-Pulled 9:05
 (F) Second Final Flow 151 Mileage 82 RIT T-Out 11:02
 (G) Final Shut-In 1015 Sampler
 (H) Final Hydrostatic 2009 Straddle

Initial Open 30 Ruined Shale Packer
 Initial Shut-In 30 Ruined Packer
 Final Flow 30 Extra Copies
 Final Shut-In 30 Extra Recorder
 Sub Total 1702.10
 Total 1702.10
 MP/DST Disc't _____

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



TRIOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 58715

4/10

Well Name & No. Rose #1 Test No. DST #17 Date 11-20-14
 Company Palomino Petroleum Inc Elevation 2880 KB 2875 GL
 Address 4924 SE 84th St Newton KS 67114
 Co. Rep / Geo. Ryan Seib Rig WWD
 Location: Sec. 19 Twp. 14S Rge. 30W Co. Crope State KS

Interval Tested 4421-4958 Zone Tested Pownee / Hype Station
 Anchor Length 37 Drill Pipe Run 4296 Mud Wt. 9.3
 Top Packer Depth 4417 Drill Collars Run 122 Vis 50
 Bottom Packer Depth 4421 Wt. Pipe Run 0 WL 8.0
 Total Depth 4958 Chlorides 3000 ppm System LCM 1lb

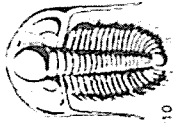
Blow Description DEF - Work Surface - Blue Buff to BAB in 11' to pt
BS - New Blue
FF - Work Surface Blue Buff to BAB in 4' in
FSL Work Surface Blue Buff to 1'

Rec	Feet of	LCM	%gas	%oil	%water	%mud
40	Feet of	LCM	60	71	%oil	23
62	Feet of	LCM	35	39	%oil	24
122	Feet of	LCM	42	39	%oil	17
	Feet of	LCM			%oil	
	Feet of	LCM			%oil	

Rec Total 224 BHT 125 Gravity 1250 API RW @ F Chlorides ppm
 (A) Initial Hydrostatic 2188 Test 1250 T-On Location 2.04
 (B) First Initial Flow 22 Jars 250 T-Started 4.34
 (C) First Final Flow 73 Safety Joint 75 T-Open 6.16
 (D) Initial Shut-In 784 Circ Sub NIC T-Pulled _____
 (E) Second Initial Flow 68 Hourly Standby _____ T-Out 10.31
 (F) Second Final Flow 100 Mileage 82 RIT 127.10 Comments _____
 (G) Final Shut-In 774 Sampler _____
 (H) Final Hydrostatic 2139 Straddle _____

Initial Open 30 Ruined Shale Packer _____
 Initial Shut-In 30 Ruined Packer _____
 Final Flow 30 Extra Copies _____
 Final Shut-In 30 Extra Recorder _____
 Sub Total 1702.10
 Total 1702.10
 MP/DST Disc'l _____

Approved By _____ Our Representative Jason
 Triobite Testing Inc. shall not be liable for damaged 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. 58716

4-10

Well Name & No. Rose #1 Test No. DST#8 Date 11-20-14
 Company Palomino Petroleum Inc. Elevation 2880 KB 2875 GL
 Address 4924 SE 84th St. Newton KS 67114
 Co. Rep / Geo. Ryan Seib Rig Wld 10
 Location: Sec. 19 Twp. 19S Rge. 30W Co. Goave State KS

Interval Tested 4452-4550 Zone Tested Ft. Scott / Johnson
 Anchor Length 98 Drill Pipe Run 4327 Mud Wt. 9.3
 Top Packer Depth 4448 Drill Collars Run 122 Vis 50
 Bottom Packer Depth 4452 Wt. Pipe Run 0 WL 8.0
 Total Depth 4580 Chlorides 3000 ppm System LCM 116
 Blow Description IF - Surface Blow Built to BOB in 14 min
TSD - Weak Surface Blow Built to BOB in 13 1/2 min
FF - Surface Blow Built to BOB in 1 min

Rec 112 Feet of COCK 18% gas 29 %oil %water 53 %mud
 Rec 1860 Feet of Saltinn shale M6C0 37% gas 55 %oil %water 8 %mud
 Rec _____ Feet of SPIN 42% gas 58 %oil %water %mud
 Rec _____ Feet of 20 min 30% gas 56 %oil %water 14 %mud
 Rec 184 Feet of 25 M6C0 34% gas 38 %oil %water 28 %mud
 Rec Total 184 BHT 132 Gravity 27 API 19 @ 77 ° F Chlorides _____ ppm

(A) Initial Hydrostatic 2218 Test 1250 T-On Location 21.52
 (B) First Initial Flow 164 Jars 250 T-Started 22.40
 (C) First Final Flow 618 Safety Joint 75 T-Open 00.56
 (D) Initial Shut-In 1099 Circ Sub Drupal bit 50 T-Pulled 3.04
 (E) Second Initial Flow 632 Hourly Standby _____ T-Out 7.29

(F) Second Final Flow 867 Mileage 82 RT X2 Comments API is 24 @ 30ft = 27
 (G) Final Shut-In 1077 Sampler 127.10+127.10 2180 GIP
 (H) Final Hydrostatic 2169 Straddle _____
 Initial Open 30 Shale Packer _____
 Initial Shut-In 30 Extra Packer _____
 Final Flow 30 Extra Recorder _____
 Final Shut-In 30 Day Standby _____
 Accessibility _____
 Sub Total 1879.20 MP/DST Disc't _____

Initial Open _____ Ruined Shale Packer _____
 Initial Shut-In _____ Ruined Packer _____
 Final Flow _____ Extra Copies _____
 Final Shut-In _____ Day Standby _____
 Sub Total 1879.20 Total 1879.20
 Accessibility _____ MP/DST Disc't _____

Approved By _____ Our Representative MS
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