

SWIFT



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



Invoice

DATE	INVOICE #
4/22/2013	24669

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

RECEIVED

APR 25 2013

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1	Jarvis Heirs	Ness	Express Well Serv...	Oil	Development	Acidize Perfs/Sq...	Jason

PRICE REF.	DESCRIPTION	QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way	20	Miles	6.00	120.00
578D-D	Pump Charge - Deep Squeeze (> 1500 Ft.)	1	Job	1,500.00	1,500.00
300 - 15%	Regular Acid	250	Gallons	1.75	437.50
235	INH.1 ESA-28	0.5	Gallon(s)	35.00	17.50
290	D-Air	0.5	Gallon(s)	35.00	17.50T
325	Standard Cement	50	Sacks	13.50	675.00T
581D	Service Charge Cement	75	Sacks	2.00	150.00
582D	Minimum Drayage Charge	1	Each	250.00	250.00
	Subtotal				3,167.50
	Sales Tax Ness County			6.30%	43.63

We Appreciate Your Business!	Total	\$3,211.13
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Services, Inc.

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

TICKET No. **24669**

PAGE 1 OF 1

SERVICE LOCATIONS 1. Ness City, KS	WELL/PROJECT NO.	LEASE SARVIS HEIRS #1	COUNTY/PARISH NESS	STATE KS	CITY ARNOLD, KS	DATE 22 APR 13	OWNER
2. Express Well Serv.	TICKET TYPE <input type="checkbox"/> SERVICE <input checked="" type="checkbox"/> SALES	CONTRACTOR Express Well Serv.	RIG NAME/NO.	SHIPPED VIA	DELIVERED TO	ORDER NO.	
3. DIL	WELL TYPE	WELL CATEGORY Development	JOB PURPOSE Perf Acidize/Squeeze	WELL PERMIT NO.	WELL LOCATION 1E, 2S, E-INTO		
4. DIL	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575					MILEAGE #115	20	mi			6.00	120.00
578					Pump Charge	1	hr			1500.00	1500.00
30D					REGULAR ACID	250	gal			1.75	437.50
235					DMIB	1/2	gal			35.00	17.50
29D					D-AIR	1/2	gal			35.00	17.50
325					STANDARD GEMENT	50	5x			13.50	675.00
31					GEMENT SERVICE CHARGE	75	5x			2.00	150.00
382					MINIMUM DRAVAGE	70	5x			250.00	250.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS
 DATE SIGNED **22 APR 13** TIME SIGNED **1:00** A.M. P.M.

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

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	AGREE	UN-DECIDED	DIS-AGREE
WE UNDERSTOOD AND MET YOUR NEEDS?			
OUR SERVICE WAS PERFORMED WITHOUT DELAY?			
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	

PAGE TOTAL **3167**
 TAX **43.63**
 TOTAL **3211.13**

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket
 SWIFT OPERATOR **Joe Wolff** APPROVAL

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 22 APR 13 PAGE NO.

CUSTOMER PALOMINO PETROLEUM WELL NO. LEASE JARVIS HEIRS #1 JOB TYPE PERM ACIDIZE/SQUEEZE TICKET NO. 24669

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0930							DN LOCATION
	1009			✓		3000		TEST TOOLS - HEWD - PKR 4490
	1017	3	26½	✓				CIRCULATE ACID TO BOTTOM - PKR 4480
								PULL PACKER UP TO 4368
	1033			✓		500		LOAD TUBING - STAGING
				✓		700		
				✓		1000		
				✓		1200		
		4	27	✓		1000		TREATING.
		2	27½	✓		1350		
		3	30			1000		
	1050					400		ISIP.
						VAC.		2 MIN SALT IN - VAC
	1055							SWAB WELL
								SWAB TEST.
	1422				✓			LOAD ANNULUS - PSI UP - SHUT IN.
								TAKE INJECTION RATE
	1427	4		✓		1000		
	1435	3½	10½	✓		600		MIX 50 SX STANDARD
	1442							WASH OUT PUMP & LINES.
	1444	3		✓				DISPLACE CEMENT
	1452	Ø	26½	✓		600		SHUT IN - WASH TRUCK
	1507			✓		500		STAGING.
				✓		700		
				✓		1400		
				✓		2000		
	1520			✓		2500		
	1528							RELEASE PSI - DRY
	1530		30	✓		200		REVERSE CLEAN
	1540			✓		2500		RETEST
	1545	3	60	✓		400		WASH THRU SQUEEZE TO 4479
	1700							JOB COMPLETE.
								THANKS #115
								JASON JEFF JOHN WAYNE



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

RECEIVED
 APR 18 2013

Invoice

DATE	INVOICE #
4/15/2013	24256

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	Jarvis Heirs	Ness	Cheyenne Well Se...	Oil	Development	Cement Port Collar	Blaine
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				25	Miles	6.00	150.00
576D-D	Pump Charge - Port Collar				1	Job	1,250.00	1,250.00
330	Swift Multi-Density Standard (MIDCON II)				150	Sacks	16.50	2,475.00T
276	Flocele				50	Lb(s)	2.00	100.00T
290	D-Air				2	Gallon(s)	35.00	70.00T
104	Port Collar Tool Rental				1	Each	250.00	250.00T
107	Stripper Head Rental Per Day				1	Each	250.00	250.00T
581D	Service Charge Cement				200	Sacks	2.00	400.00
582D	Minimum Drayage Charge				1	Each	250.00	250.00
	Subtotal							5,195.00
	Sales Tax Ness County						6.30%	198.14

We Appreciate Your Business!

Total

\$5,393.14



Services, Inc.

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

TICKET No **24256**

PAGE 1 OF

1. SERVICE LOCATIONS <u>Avella, KS</u>	WELL/PROJECT NO. <u>#1</u>	LEASE <u>Jarvis Heiser</u>	COUNTY/PARISH <u>Neos</u>	STATE <u>KS</u>	CITY <u>Arnold</u>	DATE <u>15 APR 13</u>	OWNER
2. TICKET TYPE <input type="checkbox"/> SERVICE <input checked="" type="checkbox"/> SALES	CONTRACTOR	RIG NAME/NO.	WELL CATEGORY <u>Development</u>	JOB PURPOSE <u>concrete part collar</u>	SHIPPED VIA <u>ET</u>	DELIVERED TO <u>location</u>	WELL PERMIT NO.
3. WELL TYPE	WELL TYPE	WELL CATEGORY	WELL LOCATION	WELL PERMIT NO.	WELL LOCATION	WELL LOCATION	WELL LOCATION
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	85	mi			6.00	510.00
576D					TRK 110	1	ea			1250.00	1250.00
330					Pump Charge	150	sk			16.50	2475.00
276					SMB cement	50	lb			2.00	100.00
29D					Fluore	290	gal			35.00	10150.00
582					D'Air	1900	lb			250.00	475000.00
581					Drayage (win)	200	sk			2.00	400.00
104					service charge	1	ea			250.00	250.00
107					Foot Collar opening tool rental	1	ea			250.00	250.00
					Stripper wheel Rental	1	ea			250.00	250.00

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

DATE SIGNED: X Blair Blair TIME SIGNED: 10:55

A.M. P.M.

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

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?
 WE UNDERSTOOD AND MET YOUR NEEDS?
 OUR SERVICE WAS PERFORMED WITHOUT DELAY?
 WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?
 ARE YOU SATISFIED WITH OUR SERVICE?

YES NO

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL: 5 **\$195.00**

TAX: 10.3% **198.14**

TOTAL: **5393.14**

SWIFT OPERATOR: Blair APPROVAL: Blair

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

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE **15 APR 13** PAGE NO. **1**

CUSTOMER **Palumbo Petroleum** WELL NO. **#1** LEASE **JARVIS HEIRS** JOB TYPE **Cement port collar** TICKET NO. **24256**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								200 sk SMD cement w/ 7# fbae 2 3/8 x 5 1/2 port collar @ 1768'
	0815							on loc TRK 110
	0845					1000	1000	test to 1000 psi - hold open port collar
	0850	3 1/2	2			400		inj rate 3 1/2 bpm @ 400 psi
	0855	3 1/2				400		mix SMD cement @ 11.2 ppg fluid to surface
		3 1/2	12			400		
	0920	3 1/2	40			550		— cement to surface —
								{ 150 sk mixed 20 sk top. + }
	0923	3 1/2	5 1/2			550		
								close port collar
	0930							test to 1000 psi - hold Reverse hole clean - 2 cement flops -
	0935							
			22					
	0950							wash truck Pack up
								job complete
								Thanks Blaine Flint & DAVE

RECEIVED

APR 09 2013

SWIFT



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



Invoice

DATE	INVOICE #
4/6/2013	24307

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	Jarvis Heirs	Ness	Mallard JV	Oil	Development	Cement LongStri...	Don
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				30	Miles	6.00	180.00
578D-L	Pump Charge - Long String - 4572 Feet				1	Job	1,500.00	1,500.00
221	Liquid KCL (Clayfix)				2	Gallon(s)	25.00	50.00T
281	Mud Flush				500	Gallon(s)	1.25	625.00T
290	D-Air				2	Gallon(s)	35.00	70.00T
403-5	5 1/2" Cement Basket				2	Each	250.00	500.00T
404-5	5 1/2" Port Collar				1	Each	2,400.00	2,400.00T
406-5	5 1/2" Latch Down Plug & Baffle				1	Each	250.00	250.00T
407-5	5 1/2" Insert Float Shoe With Auto Fill				1	Each	350.00	350.00T
409-5	5 1/2" Turbolizer				10	Each	90.00	900.00T
325	Standard Cement				100	Sacks	13.50	1,350.00T
276	Flocele				25	Lb(s)	2.00	50.00T
283	Salt				500	Lb(s)	0.20	100.00T
284	Calseal				5	Sack(s)	35.00	175.00T
285	CFR-1				47	Lb(s)	4.00	188.00T
330	Swift Multi-Density Standard (MIDCON II)				100	Sacks	16.50	1,650.00T
276	Flocele				25	Lb(s)	2.00	50.00T
581D	Service Charge Cement				200	Sacks	2.00	400.00
583D	Drayage				305.9	Ton Miles	1.00	305.90
	Subtotal							11,093.90
	Sales Tax Ness County						6.30%	548.60

We Appreciate Your Business!

Total

\$11,642.50



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

TICKET CONTINUATION

TICKET No. 24307

CUSTOMER *Reliance Petroleum* WELL #1 Jarvis Hiers DATE 4-6-13 PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	WELL				DATE	UNIT PRICE	AMOUNT
		LOC	ACCT	DE			QTY.	UM	QTY.	UM			
295		2				Standard Cement	EA-2	100	SKS	9900	Lbs	1350	1350.00
276		2				Flare		85	LBS			200	50.00
283		2				Salt		520	LBS			90	180.00
284		2				Coarse		470	LBS	5	SKS	3500	175.00
285		2				PP-1		47	LBS			900	180.00
335		2				SWD Cement		120	SKS	9900	LBS	1650	1650.00
276		2				Flare		25	LBS			200	50.00
581		2				SERVICE CHARGE							
583		2				MILEAGE CHARGE		20	393			30	100
						CUBIC FEET				800	SKS	2.00	400.00
						TON MILES				305	895		305.90
CONTINUATION TOTAL												4268.90	

JOB LOG

SWIFT Services, Inc.

DATE 1-6-13 PAGE NO. 7

CUSTOMER *Palominos Petroleum*

WELL NO. #1

LEASE *Jarvis Hiers*

JOB TYPE *Cement Logging*

TICKET NO. 24-307

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0545							On location (Rig LDDP.) Port equip.
	0815							Start 5 1/2" casing to 1572'
								Insert Port Shoe w/ Acids - Pull
								LD. Baffle - SJ - 33' @ 1539' = (110.75)
								Turbolizers 1 to 8 - #10 - #65
								Cmt Baskets #2 to #66. Fin. end.
								#66 #66 @ 1810 - Port Caller
								Drop Pull-up ball 5 Hrs out
	0945							Tag bottom - Log St. Down
	10:00							Start CIR casing
								Fin CIR - Plug RH-30 SKS SMD cut
								Plug MH-20 SKS SMD cut
		5	12	(32)				300 Pump 500 gal Mud Flush
		5	20					300 Pump 20 BBI KCL Flush
		4 1/2						250 Start 50 SKS SMD cut @ 12.7 #/gal
		4	25					250 Start FH-2 cut @ 15.5 #/gal
			50					250 Fin cut - Washout Pump & line
		9						350 Drop Catch Down Plug - Start Disp (111)
		9	85					400 to Pump 1.77 psi
		7 1/2	100					400 slow rate
		6 5/8	110					400 slow rate
	12:00							400 Plug Does N- Hold & Release & Hold
								Job Complete
								Wash up & Packups

Mark S.
Ken, Tom & Shane



RECEIVED

APR 08 2013

INVOICE

PO Box 93999
Southlake, TX 76092

Invoice Number: 135481

Invoice Date: Mar 29, 2013

Voice: (817) 546-7282
Fax: (817) 246-3361

Page: 1

Bill To:
Palomino Petroleum, Inc. 4924 SE 84th St. Newton, KS 67114-8827

Now Includes:



Customer ID	Field Ticket #	Payment Terms	
Palo	60368	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Great Bend	Mar 29, 2013	4/28/13

Quantity	Item	Description	Unit Price	Amount
		Jarvis Heirs #1		
150.00	MAT	Class A Common	17.90	2,685.00
3.00	MAT	Gel	23.40	70.20
5.00	MAT	Chloride	64.00	320.00
162.09	SER	Cubic Feet	2.48	401.98
266.40	SER	Ton Mileage	2.60	692.64
1.00	SER	Surface	1,512.25	1,512.25
36.00	SER	Pump Truck Mileage	7.70	277.20
36.00	SER	Light Vehicle Mileage	4.40	158.40
1.00	CEMENTER	Patrick Helgerson		
1.00	OPER ASSIST	Kevin Weighous		

ALL PRICES ARE NET, PAYABLE
30 DAYS FOLLOWING DATE OF
INVOICE. 1 1/2% CHARGED
THEREAFTER. IF ACCOUNT IS
CURRENT, TAKE DISCOUNT OF

\$ 1,529.41

ONLY IF PAID ON OR BEFORE
Apr 23, 2013

Subtotal	6,117.67
Sales Tax	193.74
Total Invoice Amount	6,311.41
Payment/Credit Applied	
TOTAL	6,311.41

ALLIED OIL & GAS SERVICES, LLC 060368

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT:
Great Bend, KS

DATE <u>3-29-13</u>	SEC. <u>6</u>	TWP. <u>17S</u>	RANGE <u>24W</u>	CALLED OUT	ON LOCATION <u>7:43 PM</u>	JOB START <u>8:00 AM</u>	JOB FINISH <u>9:00 AM</u>
LEASE <u>Jarvis Heirs</u>		WELL # <u>1</u>		LOCATION <u>Arnold's East 1 mile, South 2 miles, East into location (88m)</u>		COUNTY <u>Ness</u>	STATE <u>KS</u>
OLD OR <input checked="" type="checkbox"/> NEW (Circle one)							

CONTRACTOR Mallard
 TYPE OF JOB Surface casing
 HOLE SIZE 12 1/4" T.D. 216ft
 CASING SIZE 8 5/8" 24# DEPTH 211.4ft
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT 20ft
 CEMENT LEFT IN CSG. 20ft, 1.272 bbls, 5.35x
 PERFS. _____
 DISPLACEMENT 12.5 bbls Fresh Water
 EQUIPMENT _____

OWNER Palomino Petroleum, Inc.
 CEMENT
 AMOUNT ORDERED 150sq "A" + 3% cool & 2% Gel

COMMON	<u>150</u>	@	<u>17.90</u>	<u>2.685.00</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>23.40</u>	<u>70.20</u>
CHLORIDE	<u>5</u>	@	<u>64.00</u>	<u>320.00</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>162.05</u>	@	<u>2.48</u>	<u>401.28</u>
MILEAGE	<u>7.4 x 36x</u>		<u>2.60</u>	<u>692.64</u>
				TOTAL <u>4.169.82</u>

PUMP TRUCK CEMENTER Charles Elkins
 # 606 HELPER Patrick Holgerson
 BULK TRUCK
 # 599 DRIVER Kevin Weighals
 BULK TRUCK
 # _____ DRIVER _____

REMARKS:

Pump 5 bbls Fresh Water
Pump 36 bbls Cement (150sq)
Displace with 12.5 bbls Fresh Water
Leave 20ft, 1.272 bbls, 5.35x cut in casing
Circulate 12 bbls, 50sq Cement to surface

SERVICE

DEPTH OF JOB _____	
PUMP TRUCK CHARGE	<u>1512.25</u>
EXTRA FOOTAGE	@ _____
MILEAGE <u>Hum 36</u>	@ <u>7.70</u> <u>277.20</u>
MANIFOLD <u>Hum 36</u>	@ <u>4.40</u> <u>158.40</u>
	@ _____

CHARGE TO: Palomino Petroleum, Inc.
 STREET _____
 CITY _____ STATE _____ ZIP _____

TOTAL 1.947.85

PLUG & FLOAT EQUIPMENT

_____	@ _____
_____	@ _____
_____	@ _____
_____	@ _____
_____	@ _____

TOTAL _____

To: Allied Oil & Gas Services, LLC.
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any) _____

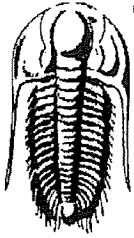
TOTAL CHARGES 6.117.67

DISCOUNT 1.529.41 IF PAID IN 30 DAYS

PRINTED NAME Justin McDonald

SIGNATURE [Signature]

4.588.25



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.
4924 SE 84th St.
New ton KS 67114-8827
ATTN: Ryan Seib

6 17s 24w Ness
Jarvis Heirs # 1
Job Ticket: 52073 **DST#: 1**
Test Start: 2013.04.05 @ 02:05:00

GENERAL INFORMATION:

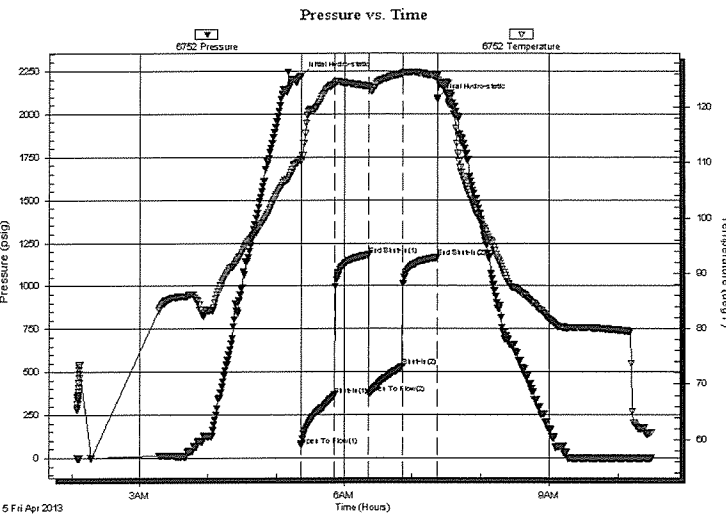
Formation: **Mississippian**
Deviated: No Whipstock: 2488.00 ft (KB)
Time Tool Opened: 05:21:30
Time Test Ended: 10:30:00
Test Type: Conventional Bottom Hole (Initial)
Tester: Jim Svaty
Unit No: 41
Interval: **4420.00 ft (KB) To 4475.00 ft (KB) (TVD)**
Reference Elevations: 2488.00 ft (KB)
Total Depth: 4475.00 ft (KB) (TVD)
2483.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair
KB to GR/CF: 5.00 ft

Serial #: 6752

Inside

Press@RunDepth: 532.37 psig @ 4439.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2013.04.05 End Date: 2013.04.05 Last Calib.: 2013.04.05
Start Time: 02:05:01 End Time: 10:29:40 Time On Btm: 2013.04.05 @ 05:21:20
Time Off Btm: 2013.04.05 @ 07:21:50

TEST COMMENT: 30-IFP- BOB in 3 min.
30-ISIP- No Blow Back
30-FFP- BOB in 4 1/2 min.
30-FSIP- Surface Blow Building to 1 1/2in. in 10min.



PRESSURE SUMMARY

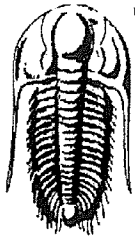
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2223.18	110.58	Initial Hydro-static
1	72.72	110.18	Open To Flow (1)
30	364.45	124.17	Shut-In(1)
60	1180.73	123.73	End Shut-In(1)
61	375.99	123.51	Open To Flow (2)
90	532.37	126.02	Shut-In(2)
121	1165.69	125.60	End Shut-In(2)
121	2090.94	125.95	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
736.00	MWCO 10%w 20%w 70%o	8.14
372.00	W Oil Speck Mud 5%w 95%m	5.22
194.00	CO 100%	2.72
0.00	186 GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc.

6 17s 24w Ness

4924 SE 84th St.
New ton KS 67114-8827

Jarvis Heirs # 1

Job Ticket: 52073

DST#: 1

ATTN: Ryan Seib

Test Start: 2013.04.05 @ 02:05:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

38 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 45.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2700.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
736.00	MWCO 10%m 20%w 70%o	8.138
372.00	W Oil Speck Mud 5%w 95%m	5.218
194.00	CO 100%	2.721
0.00	186 GIP	0.000

Total Length: 1302.00 ft Total Volume: 16.077 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6752

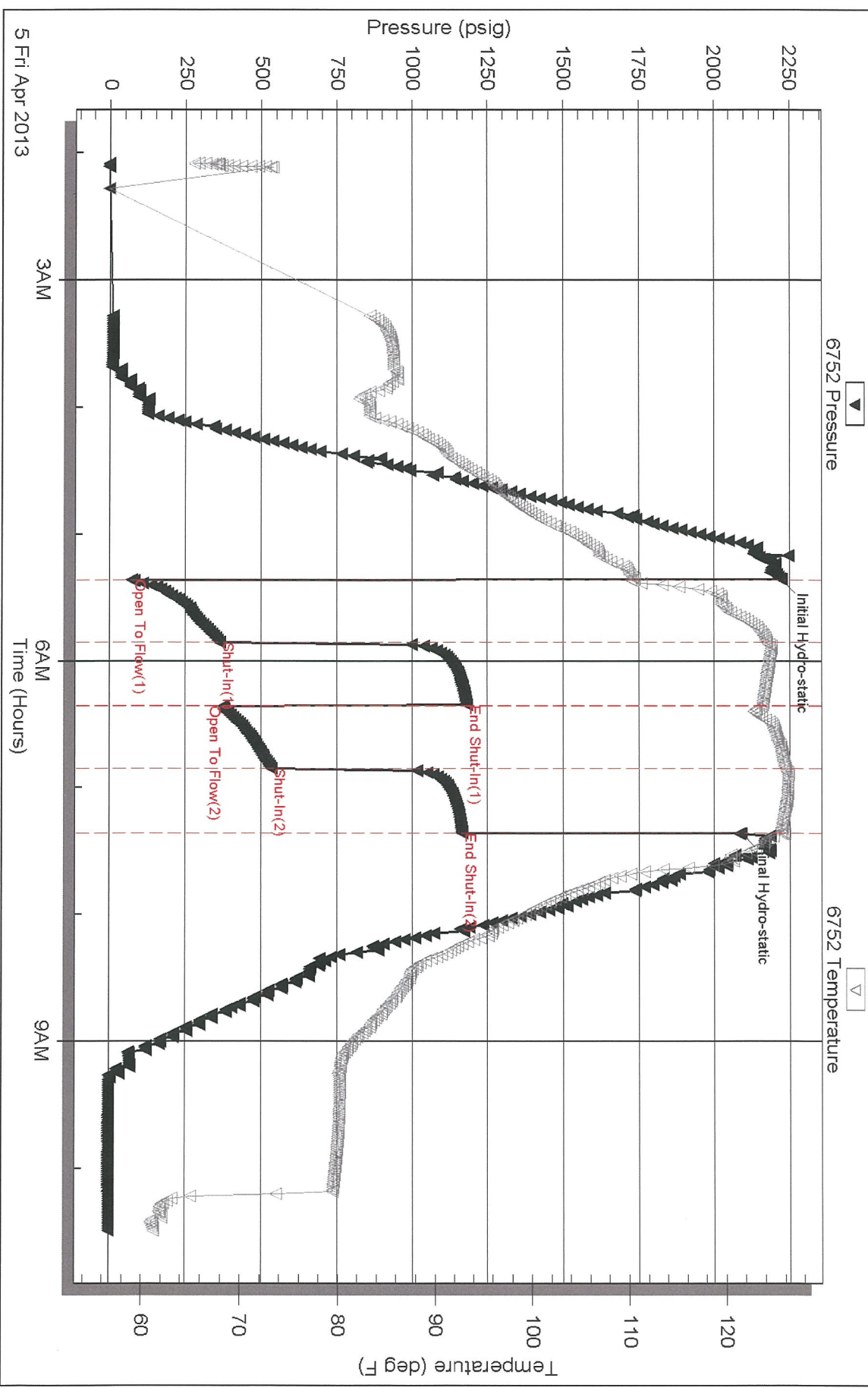
Inside

Palomino Petroleum, Inc.

Jarvis Heir's # 1

DST Test Number: 1

Pressure vs. Time



Trilobe Testing, Inc

Ref. No: 52073

Printed: 2013.04.05 @ 11:07:52