



CONSOLIDATED
Oil Well Services, LLC

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

RECEIVED

JUL 19 2014 MAIN OFFICE
P.O. Box 884
Chanute, KS 66720
620/431-9210 • 1-800/467-8676
Fax 620/431-0012

INVOICE Invoice # 269303

Invoice Date: 07/16/2014 Terms: 10/10/10,n/30 Page 1

PALOMINO PETROLEUM, INC. PROSPER #21-1
4924 SE 84TH STREET 46807
NEWTON KS 67114-8827 20-21S-34W
() - 7-7-14
KS

Part Number	Description	Qty	Unit Price	Total
1131	60/40 POZ MIX	110.00	15.8600	1744.60
1118B	PREMIUM GEL / BENTONITE	757.00	.2700	204.39
1107	FLO-SEAL (25#)	28.00	2.9700	83.16

Sublet Performed	Description	Total
9995-130	CEMENT EQUIPMENT DISCOUNT	-252.64
9996-130	CEMENT MATERIAL DISCOUNT	-203.22

Description	Hours	Unit Price	Total
399 SQUEEZE PUMP (KICK OFF PLUG PUMP)	1.00	1785.00	1785.00
399 EQUIPMENT MILEAGE (ONE WAY)	55.00	5.25	288.75
530 TON MILEAGE DELIVERY	1.00	452.65	452.65

Amount Due 4724.17 if paid after 07/26/2014

Parts:	2032.15	Freight:	.00	Tax:	149.06	AR	4251.75
Labor:	.00	Misc:	.00	Total:	4251.75		
Sublt:	-455.86	Supplies:	.00	Change:	.00		

Signed _____ Date _____



CONSOLIDATED
Oil Well Services, LLC

269303

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

TICKET NUMBER 46807

LOCATION Oakley Ks

FOREMAN Jerry Y

KS

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-7-14	6285	Prosper #21-1	20	215	34W	Scott
CUSTOMER		MAILING ADDRESS		TRUCK #		DRIVER
Palomino		Scott City 5 to 40 E to Brad 1 1/2 E into		399		Jeremy R
CITY		STATE	ZIP CODE	530-7-129		Stark O

JOB TYPE Backside top of HOLE SIZE 7 7/8 HOLE DEPTH 396' CASING SIZE & WEIGHT 5 1/2
 CASING DEPTH _____ DRILL PIPE _____ TUBING 1" OTHER _____
 SLURRY WEIGHT 12.5 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT 1/2 bbl DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting orig upon Express Well Service 1" tubing set @ 396' inj. rate 2 bbl/pm @ 800# mix 110sk 60/40 8% gel 1/4" phase seal prsk & displa 1/2 bbl to clean tubing cement did circulate approx 1/2 bbl to pit

*Thank you,
Jerry Y*

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401B	1	PUMP CHARGE	1785.00	1785.00 ✓
5406	5.5	MILEAGE	525	2887.5 ✓
5407A	4.7	ton mileage delivery	125	452.65 ✓
1131	110sk	60/40 poz mix	15.86	1744.60 ✓
1186	7.57#	gel	27	204.39 ✓
1107	28	phase seal	292	8316 ✓
			Subtotal	4558.55 ✓
			less 10% disc	455.86 ✓
			Subtotal	4102.69 ✓
			SALES TAX	149.00 ✓
			ESTIMATED TOTAL	4251.75 ✓

completed

AUTHORIZATION Glen Winkler TITLE _____ DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

TERMS

In consideration of the prices to be charged for Consolidated Oil Well Services, LLC (COWS) services, equipment and products and for the performance of services and supplying of materials, Customer agrees to the following terms and conditions.

Terms. Cash in advance unless satisfactory credit is established. On credit sales, invoices are payable within 30 days of the invoice date. On all invoices not paid within 30 days, Customer agrees to pay COWS interest at the rate of 18% per annum or the maximum rate allowed by law, whichever is higher. In the event COWS retains an attorney to pursue collection of any account, Customer agrees to pay all collection costs and attorney's fees incurred by COWS.

Any applicable federal, state or local sales, use occupation, consumer's or emergency taxes shall be added to the quoted price. All process license fees required to be paid to others will be added to the scheduled prices.

All COWS' prices are subject to change without notice.

SERVICE CONDITIONS

Customer warrants that the well is in proper condition to receive the services, equipment, products and materials to be supplied by COWS. The Customer shall at all time have complete care, custody, and control of the well, the drilling and production equipment at the well, and the premises about the well. A responsible representative of the Customer shall be present to specify depths, pressures, or materials used for any service which is to be performed.

(a) COWS shall not be responsible for any claim, cause of action or demand (hereinafter referred to as a 'claim') for damage to property, or injury to or death of employees and representatives, of Customer or the well owner (if different from Customer), unless such damage, injury or death is caused by the willful misconduct or gross negligence of COWS, including but not limited to sub-surface damage and surface damage arising from sub-surface damage.

(b) Unless a claim is the result of the sole willful misconduct or gross negligence of COWS, Customer shall be responsible for and indemnify and hold COWS harmless from any claim for: (1) reservoir loss or damage, or property damage resulting from sub-surface pressure, losing control of the well and/or a well blowout; (2) damages as a result of a subsurface trespass, or an action in the nature thereof, arising from a service operation performed by COWS; (3) injury to or death of persons, other than employees of COWS, or damage to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole; and (4) well damage or reservoir damage caused by (i) loss of circulation, cement invasion, cement misplacement, pumping cement or cement plugs on wells with loss of circulation, including the failure to displace plug to proper depth, (ii) sub-surface pressure and resulting failure to complete pumping of cement or cement plug, including dehydration of cement slurry or flashing, plugged float shoe, annulus bridging or plugging, or (iii) down hole tools being lost or left in the well, or becoming stuck in the well for any reason and by any cause. COWS may furnish down hole tools and may supply supervision for the running and placement of such tools but will not be liable for any damage, loss or result caused by the use of such tools.

Furthermore, Customer will be responsible for the cost to replace such tools if they are lost or left in the well.

(c) COWS makes no guarantee of the effectiveness of any COWS' products, supplies or materials, or the results of any COWS' treatment or services.

(d) Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, COWS is unable to guarantee the accuracy of, any chart interpretation, research analysis, job recommendation or other data furnished by COWS. COWS' personnel will use their best efforts in gathering such information and their best judgement in interpreting it, but Customer agrees that COWS shall not be responsible for any damage arising from the use of such information except where due to COWS' gross negligence or willful misconduct in the preparation or furnishing of it.

(e) COWS may buy and re-sell to Customer down hole equipment, including but not limited to float equipment, DV tools, port collars, type A & B packers, and Customer agrees that COWS is not an agent or dealer for the companies who manufacture such items, and further agrees that Customer shall be solely responsible for and indemnify COWS against any claim with regard to the effectiveness, malfunction of, or functionality of such items.

WARRANTIES - LIMITATION OF LIABILITY

COWS warrants title to the products, supplies and materials, and that the same are free from defects in workmanship and materials. THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, NOR ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE, WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. COWS's liability and Customer's exclusive remedy in any claim (whether in contract, tort, breach of warranty or otherwise,) arising out of the sale or use of any COWS' products, supplies, materials or services is expressly limited to the replacement of such products, supplies, materials or services or their return to COWS or, at COWS' option, an allowance to Customer of credit for the cost of such items.

Customer waives and releases all claims against COWS for any special, incidental, indirect, consequential or punitive damages,

SWIFT



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



RECEIVED

JUL 08 2014

Invoice

DATE	INVOICE #
7/3/2014	26501

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	#21-1	Prosper	Scott	Express Well Serv...	Oil	Development	Cement Port Collar	Jason
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				80	Miles	6.00	480.00
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				75	Lb(s)	2.50	187.50T
290	D-Air				3	Gallon(s)	42.00	126.00T
330	Swift Multi-Density Standard (MIDCON II)				300	Sacks	18.50	5,550.00T
581D	Service Charge Cement				300	Sacks	2.00	600.00
583D	Drayage				1,195	Ton Miles	1.00	1,195.00
	Subtotal							9,988.50
	Sales Tax Scott County						8.15%	506.40
We Appreciate Your Business!							Total	\$10,494.90



Services, Inc.

CHARGE TO: Palomino Petroleum

ADDRESS

CITY, STATE, ZIP CODE

TICKET 26501

PAGE 1 OF

SERVICE LOCATIONS
1. Ness City, KS

WELL/PROJECT NO.

LEASE Prosper 21-1

COUNTY/PARISH Scott

STATE KS

CITY Shallow Water, KS

DATE 3 July 14

OWNER

2. Express Well Serv.

TICKET TYPE
 SERVICE
 SALES

CONTRACTOR

RIG NAME/NO.

SHIPPED VIA

ORDER NO.

3. DIC

WELL TYPE

WELL CATEGORY Development

JOB PURPOSE Cement Port Collar

WELL PERMIT NO.

WELL LOCATION 45/100w/55, E. 20th

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING		DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT							
575				MILEAGE # 115	80	mi			6.00	480.00
576D				Pump Charge	1	hrs			1500.00	1500.00
105				PORT COLLAR OPENING TOOL					350.00	350.00
276				EDGECE	75	lbs			2.50	187.50
290				D-AIR	3	gals			42.00	126.00
330				SMD CEMENT	300	bx			18.50	5550.00
581				CEMENT SERVICE CHARGE	300	bx			2.00	600.00
583				DRAYAGE	2875	lbs			1.95	5606.25

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: 3 July 14 TIME SIGNED: 1530 A.M. P.M.

SWIFT OPERATOR: [Signature]

REMIT PAYMENT TO:

SWIFT SERVICES, INC.

P.O. BOX 466

NESS CITY, KS 67560

785-798-2300

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?

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

9988

TOTAL

10,494.90

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

APPROVAL: [Signature]

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE July 14 PAGE NO.

CUSTOMER DOMINGO PETROLEUM

WELL NO.

LEASE PROSPER 21-1

JOB TYPE CEMENT PORT COLLAR

TICKET NO. 26501

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1130							ON LOCATION
	1155				✓		1000	TEST - HELD
	1200				✓			OPEN PORT COLLAR
	1204	4			✓		700	MIX
								LOST CIRCULATION @ 175'SX MIXED MIX
								SHUT DOWN.
		2	1/6 @		✓		200	MIX ALL 300'SX
		3	7/2		✓			DISPLACE CEMENT
								WELL DID NOT CIRCULATE CEMENT
	1435				✓		1000 1'	CLOSE PORT COLLAR - TEST - HELD
								RUN 5 JTS.
	1446	3	20		✓		300	REVERSE CLEAN
	1455							WASH TRUCK
	1530							JOB COMPLETE.
								THANKS #115
								JASON DEUG JOHN



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



RECEIVED

JUL 01 2014

Invoice

DATE	INVOICE #
6/29/2014	26478

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	Prosper 21	Scott	WW Drilling #10	Oil	Development	Cement LongStri...	Blaine
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				80	Miles	6.00	480.00
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				12	Each	90.00	1,080.00T
419-5	5 1/2" Rotating Head Rental				1	Each	200.00	200.00T
330	Swift Multi-Density Standard (MIDCON II)				125	Sacks	18.50	2,312.50T
325	Standard Cement				100	Sacks	14.50	1,450.00T
284	Calseal				5	Sack(s)	35.00	175.00T
283	Salt				500	Lb(s)	0.20	100.00T
285	CFR-1				50	Lb(s)	4.50	225.00T
276	Flocele				50	Lb(s)	2.50	125.00T
281	Mud Flush				500	Gallon(s)	1.25	625.00T
221	Liquid KCL (Clayfix)				4	Gallon(s)	25.00	100.00T
290	D-Air				3	Gallon(s)	42.00	126.00T
581D	Service Charge Cement				225	Sacks	2.00	450.00
583D	Drayage				916.55	Ton Miles	1.00	916.55
	Subtotal							14,015.05
	Sales Tax Scott County						8.15%	869.48

We Appreciate Your Business!

Total

\$14,884.53



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

TICKET 26478

PAGE 1 OF 2

SERVICE LOCATIONS
 1. New City KS WELL/PROJECT NO. #1 LEASE Prosper 21 COUNTY/PARISH Scott STATE KS CITY Shallow water DATE 29 Jun 14 OWNER
 2. TICKET TYPE SERVICE CONTRACTOR WWS RIG NAME/NO. 10 SHIPPED DELIVERED TO location ORDER NO.
 3. WELL TYPE DEV WELL CATEGORY Development JOB PURPOSE concrete long string WELL PERMIT NO. WELL LOCATION 21-20-34
 4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING		DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
		LOC	ACCT							
575		1		MILEAGE TRK 114	80	mi			6.00	480.00
578		1		Pump Charge	1	ea			1500.00	1500.00
403		1		Cement Basket	52	in	2	ea	300.00	600.00
404		1		Foot collar	52	in	1	ea	2900.00	2900.00
416		1		Atch down plug 560/116	52	in	1	ea	275.00	275.00
407		1		Insect Flat shoe w/ ANDRILL	52	in	1	ea	3750.00	3750.00
419		1		Turbo Drizer	52	in	12	ea	90.00	1080.00
				Rotating head rental	52	in	1	ea	200.00	200.00

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

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 checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS
 DATE SIGNED Alan Clark TIME SIGNED 5:00 A.M. P.M.

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES
BC Hall APPROVAL

PAGE TOTAL 1

7410.00
 6605.00
 14015.00

Scott TAX 8.15%
 869.48

TOTAL 14,884.53

SWIFT OPERATOR
 The customer hereby acknowledges receipt of the materials and services listed on this ticket
 Thank You!



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

TICKET CONTINUATION

TICKET No. 26478

CUSTOMER Palmino Petroleum

WELL Prosper 21 #1

DATE 09/09/14

PAGE 21 OF 22

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	WELL				DATE	UNIT PRICE	AMOUNT
		LOC	ACCT	DE			QTY.	UM	QTY.	UM			
285	330					2ND cement	125	SK				18.50	2312.50
285						STANDARD cement (for 2)	100	SK				14.50	1450.00
284						Calsol	500	lb		0.36		35.00	17500.00
283						SALT	500	lb				0.20	100.00
285						CFR-1	50	lb				4.50	225.00
276						Flocube	50	lb				2.50	125.00
281						MudFlush	500	gal				1.35	675.00
281						KCL Liquid	4	gal				38.00	152.00
290						D-air	3	gal				42.00	126.00
581						SERVICE CHARGE						2.00	452.00
583						MILEAGE CHARGE						1.00	916.55
						TOTAL WEIGHT	225						
						LOADED MILES	804.55						
						CUBIC FEET				916.55			
						TON MILES							
CONTINUATION TOTAL												6605.05	

JOB LOG

SWIFT Services, Inc.

DATE 29 Jun 14 PAGE NO. 1

CUSTOMER Palovina Petroleum #1 WELL NO. 1 LEASE Prosper 21 JOB TYPE Cement long string TICKET NO. 26478

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								12.5 SMD w/ 1/2" floacle 100 EA-2 cement w/ 1/2" floacle 5 1/2" x 15.5" casing 122 joints Port collar - #68, 2217'
	2100							on loc TRX 114
	2305							start 5 1/2" x 15.5" casing in well
	0125	2	10				500	Pump H ₂ O - 2000 rpm to get circ - 26 bpm @ 500 psi
	0145							Drop ball - circulate - ROTATE
	0304	4 1/2	12				200	Pump 500 gal mud flush
		4 1/2	20				200	Pump 20 bbl KCL flush
	0310		5					Plug RH 30SK
	0315	4	43				200	Mix SMD cement 95SK @ 12.5 ppm
		4	24				200	Mix EA-2 cement 100SK @ 15.3 ppm
			67					Drop latch down plug wash out pump & line
	0343	5 3/4					200	Displace plug (KCL in first 20 bbl)
		4	110				700	
	0415	4	120				1500	Land plug
	0420							Release pressure to truck - dried up
	0430							wash truck
								Rack up
	0515							job complete
								Fluka Blow, Fluid & 1400 psi



RECEIVED

JUN 30 2014

INVOICE

PO Box 93999
Southlake, TX 76092

Invoice Number: 143916

Invoice Date: Jun 16, 2014

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

Page: 1

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

Customer ID	Field Ticket #	Payment Terms	
Palo	64015	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Jun 16, 2014	7/16/14

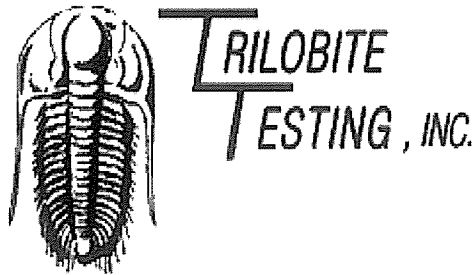
Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Prosper 21 #1		
165.00	CEMENT MATERIALS	Class A Common	17.90	2,953.50
310.00	CEMENT MATERIALS	Gel	1.05	325.50
465.00	CEMENT MATERIALS	Chloride	1.10	511.50
178.42	CEMENT SERVICE	Cubic Feet Charge	2.48	442.48
488.40	CEMENT SERVICE	Ton Mileage Charge	2.75	1,343.10
1.00	CEMENT SERVICE	Surface	1,512.25	1,512.25
60.00	CEMENT SERVICE	Pump Truck Mileage	7.70	462.00
60.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	264.00
1.00	EQUIPMENT OPERATOR	Paul Beaver		
1.00	EQUIPMENT OPERATOR	Tyler Flipse		

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

\$ 1,562.86

ONLY IF PAID ON OR BEFORE
Jul 16, 2014

Subtotal	7,814.33
Sales Tax	308.93
Total Invoice Amount	8,123.26
Payment/Credit Applied	
TOTAL	8,123.26



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St
Newton, KS 67114

ATTN: Andrew Stenzel

Prosper 21 #1

21-20-34 Scott,KS

Start Date: 2014.06.25 @ 09:00:19

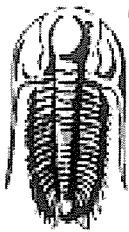
End Date: 2014.06.25 @ 14:38:19

Job Ticket #: 59001 DST #: 1

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

Printed: 2014.06.30 @ 14:04:22

Palomino Petroleum 21-20-34 Scott,KS Prosper 21 #1 DST # 1 LKC J - L 2014.06.25



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum
4924 SE 84th St
New ton, KS 67114
ATTN: Andrew Stenzel

21-20-34 Scott,KS
Prosper 21 #1
Job Ticket: 59001 **DST#: 1**
Test Start: 2014.06.25 @ 09:00:19

GENERAL INFORMATION:

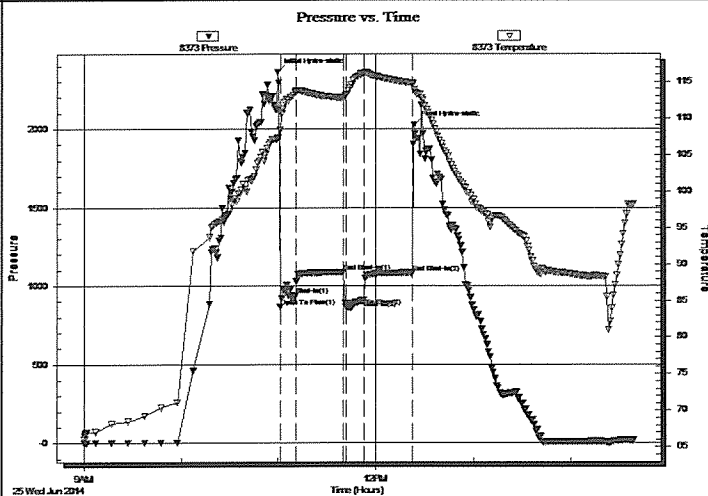
Formation: **LKC J - L**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 11:01:19
 Time Test Ended: 14:38:19
 Interval: **4264.00 ft (KB) To 4470.00 ft (KB) (TVD)**
 Total Depth: 4470.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Brandon Turley
 Unit No: 60
 Reference Elevations: 3090.00 ft (KB)
 3085.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8373

Inside

Press@RunDepth: 909.77 psig @ 4265.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.06.25 End Date: 2014.06.25 Last Calib.: 2014.06.25
 Start Time: 09:00:24 End Time: 14:38:18 Time On Btm: 2014.06.25 @ 10:59:49
 Time Off Btm: 2014.06.25 @ 12:23:49

TEST COMMENT: IF: BOB in 2 min.
 IS: No return.
 FF: BOB in 2 min.
 FS: No return.



PRESSURE SUMMARY

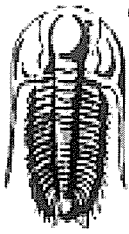
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2363.37	107.30	Initial Hydro-static
2	866.04	108.37	Open To Flow (1)
11	939.52	113.60	Shut-In(1)
41	1087.28	112.78	End Shut-In(1)
42	867.70	113.11	Open To Flow (2)
53	909.77	116.21	Shut-In(2)
83	1084.23	114.75	End Shut-In(2)
84	2024.97	113.89	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
496.00	mcw 80%w 20%m	5.84
372.00	mw 50%w 50%m	5.22
341.00	wcm 10%w 90%m	4.78

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum

21-20-34 Scott,KS

4924 SE 84th St
New ton, KS 67114

Prosper 21 #1

Job Ticket: 59001

DST#: 1

ATTN: Andrew Stenzel

Test Start: 2014.06.25 @ 09:00:19

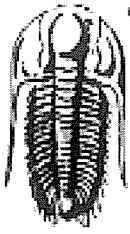
Tool Information

Drill Pipe:	Length: 4140.00 ft	Diameter: 3.80 inches	Volume: 58.07 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: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 75000.00 lb
		Total Volume:	58.67 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4264.00 ft			Final 68000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	206.00 ft			
Tool Length:	234.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00			4237.00	
Shut In Tool	5.00			4242.00	
Hydraulic tool	5.00			4247.00	
Jars	5.00			4252.00	
Safety Joint	3.00			4255.00	
Packer	5.00			4260.00	28.00 Bottom Of Top Packer
Packer	4.00			4264.00	
Stubb	1.00			4265.00	
Recorder	0.00	8373	Inside	4265.00	
Recorder	0.00	8356	Outside	4265.00	
Perforations	8.00			4273.00	
Change Over Sub	1.00			4274.00	
Drill Pipe	190.00			4464.00	
Change Over Sub	1.00			4465.00	
Bullnose	5.00			4470.00	206.00 Bottom Packers & Anchor

Total Tool Length: 234.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum

21-20-34 Scott, KS

4924 SE 84th St
New ton, KS 67114

Prosper 21 #1

Job Ticket: 59001

DST#: 1

ATTN: Andrew Stenzel

Test Start: 2014.06.25 @ 09:00:19

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil APt:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

19000 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.38 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 9000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
496.00	mcw 80%w 20%m	5.837
372.00	mw 50%w 50%m	5.218
341.00	w cm 10%w 90%m	4.783

Total Length: 1209.00 ft Total Volume: 15.838 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .27@88=19000

Serial #: 8373

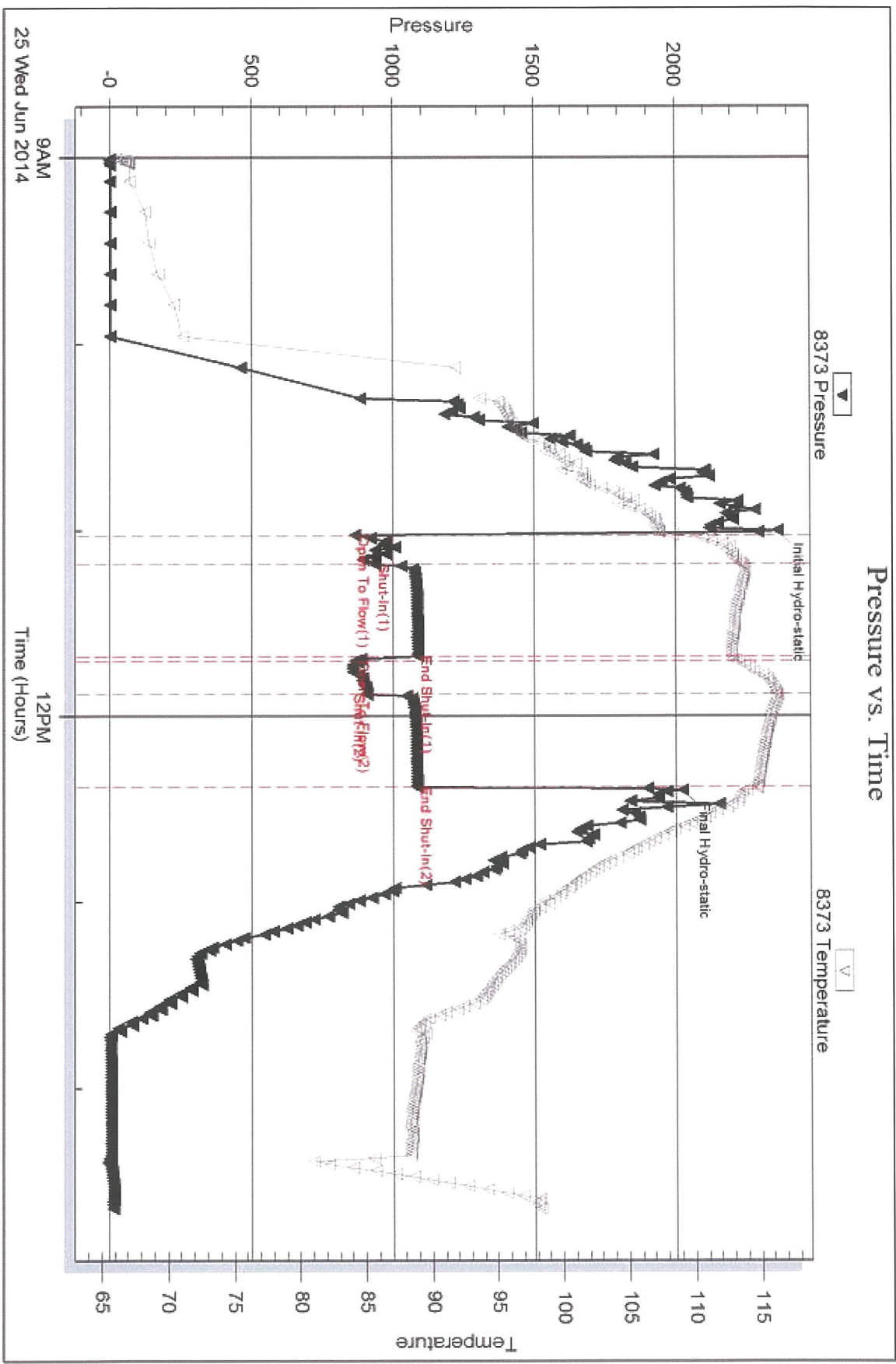
Inside

Palomino Petroleum

Prosper 21 #1

DST Test Number: 1

Pressure vs. Time



Tribble Testing, Inc

Ref. No: 59001

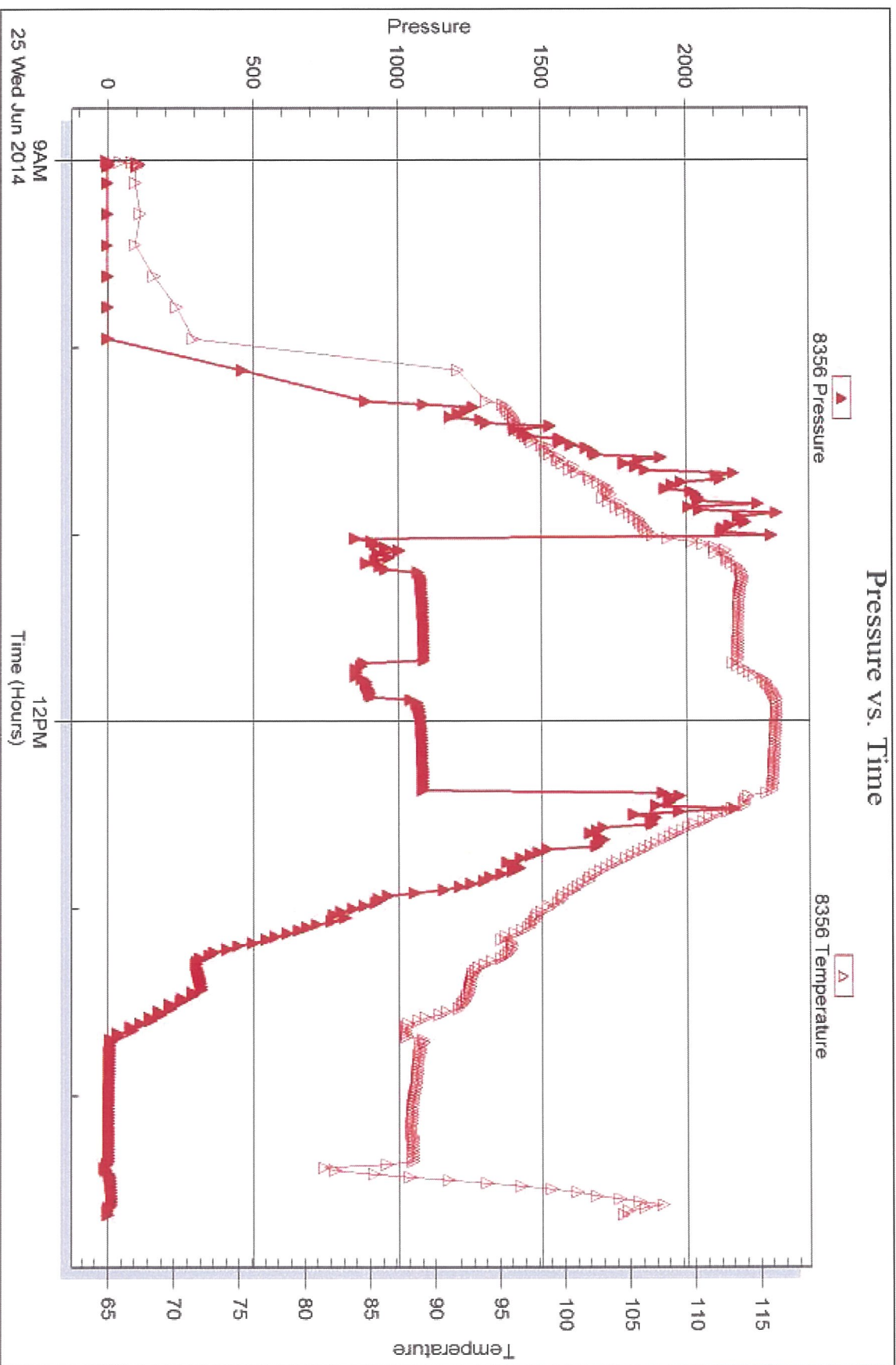
Printed: 2014, 06:30 @ 14:04:24

Serial #: 8356

Outside Palomino Petroleum

Prosper 21 #1

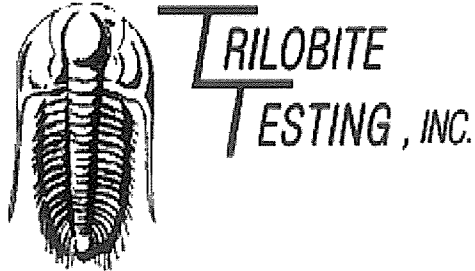
DST Test Number: 1



Triobite Testing, Inc

Ref. No: 59001

Printed: 2014.06.30 @ 14:04:24



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St
Newton, KS 67114

ATTN: Andrew Stenzel

Prosper 21 #1

21-20-34 Scott,KS

Start Date: 2014.06.26 @ 07:20:23

End Date: 2014.06.26 @ 13:33:53

Job Ticket #: 59002 DST #: 2

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

Printed: 2014.06.30 @ 13:44:21

Palomino Petroleum

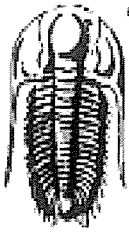
21-20-34 Scott,KS

Prosper 21 #1

DST # 2

Marmaton

2014.06.26



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum
 4924 SE 84th St
 Newton, KS 67114
 ATTN: Andrew Stenzel

21-20-34 Scott, KS
Prosper 21 #1
 Job Ticket: 59002 **DST#: 2**
 Test Start: 2014.06.26 @ 07:20:23

GENERAL INFORMATION:

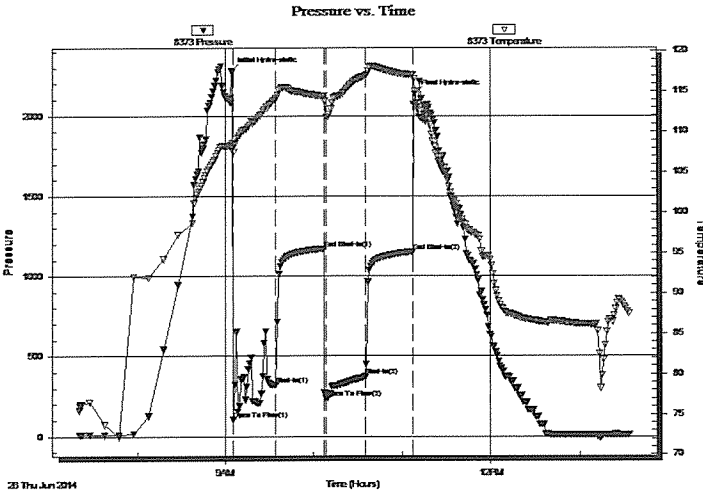
Formation: **Marmaton**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 09:05:23
 Time Test Ended: 13:33:53
 Interval: **4443.00 ft (KB) To 4560.00 ft (KB) (TVD)**
 Total Depth: 4560.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Brandon Turley
 Unit No: 60
 Reference Elevations: 3090.00 ft (KB)
 3085.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8373

Inside

Press@RunDepth: 373.42 psig @ 4444.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.06.26 End Date: 2014.06.26 Last Calib.: 2014.06.26
 Start Time: 07:20:28 End Time: 13:33:52 Time On Btm: 2014.06.26 @ 09:03:53
 Time Off Btm: 2014.06.26 @ 11:08:23

TEST COMMENT: IF: BOB in 7 min.
 IS: BOB in 8 min.
 FF: BOB in 5 min.
 FS: BOB in 6 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2282.61	108.34	Initial Hydro-static
2	103.50	107.49	Open To Flow (1)
31	320.41	114.15	Shut-In(1)
63	1170.55	114.41	End Shut-In(1)
65	238.25	111.78	Open To Flow (2)
91	373.42	116.96	Shut-In(2)
123	1151.44	117.05	End Shut-In(2)
125	2136.79	115.04	Final Hydro-static

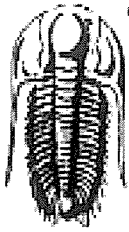
Recovery

Length (ft)	Description	Volume (bbl)
310.00	mcgo 10%g 60%m 30%o	3.23
372.00	mcgo 40%g 40%o 20%o	5.22
93.00	ocm 10%g 90%o	1.30
0.00	589 GIP	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum
4924 SE 84th St
New ton, KS 67114
ATTN: Andrew Stenzel

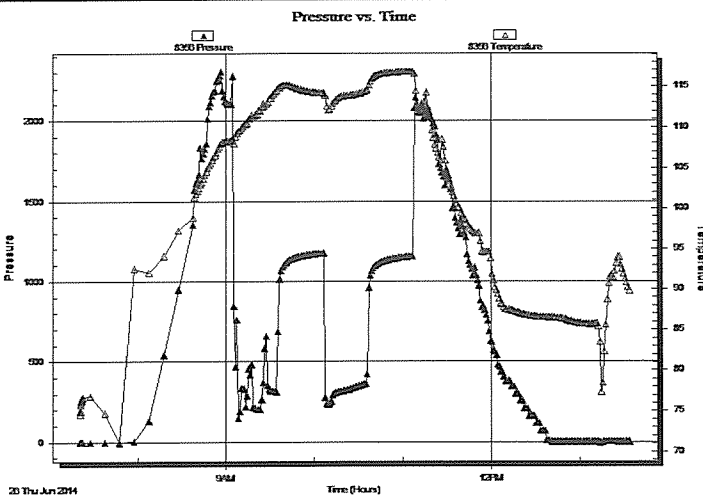
21-20-34 Scott,KS
Prosper 21 #1
Job Ticket: 59002 **DST#: 2**
Test Start: 2014.06.26 @ 07:20:23

GENERAL INFORMATION:

Formation: **Marmaton**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 09:05:23
Time Test Ended: 13:33:53
Interval: **4443.00 ft (KB) To 4560.00 ft (KB) (TVD)**
Total Depth: 4560.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Reset)
Tester: Brandon Turley
Unit No: 60
Reference Elevations: 3090.00 ft (KB)
3085.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8356 Outside
Press@RunDepth: psig @ 4444.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2014.06.26 End Date: 2014.06.26 Last Calib.: 2014.06.26
Start Time: 07:20:54 End Time: 13:34:18 Time On Btm:
Time Off Btm:

TEST COMMENT: IF: BOB in 7 min.
IS: BOB in 8 min.
FF: BOB in 5 min.
FS: BOB in 6 min.



PRESSURE SUMMARY

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

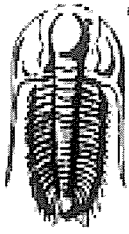
Recovery

Length (ft)	Description	Volume (bbl)
310.00	mcgo 10%g 60%o 30%m	3.23
372.00	mcgo 40%g 40%o 20%m	5.22
93.00	ocm 10%g 90%m	1.30
0.00	589 GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum

21-20-34 Scott, KS

4924 SE 84th St
New ton, KS 67114

Prosper 21 #1

Job Ticket: 59002

DST#: 2

ATTN: Andrew Stenzel

Test Start: 2014.06.26 @ 07:20:23

Tool Information

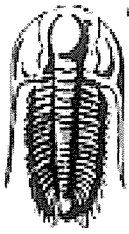
Drill Pipe:	Length: 4300.00 ft	Diameter: 3.80 inches	Volume: 60.32 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 75000.00 lb
		Total Volume:	60.92 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4443.00 ft			Final 66000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	117.00 ft			
Tool Length:	145.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Stubb	1.00			4416.00	
Shut In Tool	5.00			4421.00	
Hydraulic tool	5.00			4426.00	
Jars	5.00			4431.00	
Safety Joint	3.00			4434.00	
Packer	5.00			4439.00	28.00 Bottom Of Top Packer
Packer	4.00			4443.00	
Stubb	1.00			4444.00	
Recorder	0.00	8373	Inside	4444.00	
Recorder	0.00	8356	Outside	4444.00	
Perforations	15.00			4459.00	
Change Over Sub	1.00			4460.00	
Drill Pipe	94.00			4554.00	
Change Over Sub	1.00			4555.00	
Bullnose	5.00			4560.00	117.00 Bottom Packers & Anchor

Total Tool Length: 145.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum

21-20-34 Scott, KS

4924 SE 84th St
Newton, KS 67114

Prosper 21 #1

Job Ticket: 59002

DST#: 2

ATTN: Andrew Stenzel

Test Start: 2014.06.26 @ 07:20:23

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: 76.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.37 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 9700.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
310.00	mcgo 10%g 60%m 30%m	3.228
372.00	mcgo 40%g 40%o 20%m	5.218
93.00	ocm 10%g 90%m	1.305
0.00	589 GIP	0.000

Total Length: 775.00 ft

Total Volume: 9.751 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

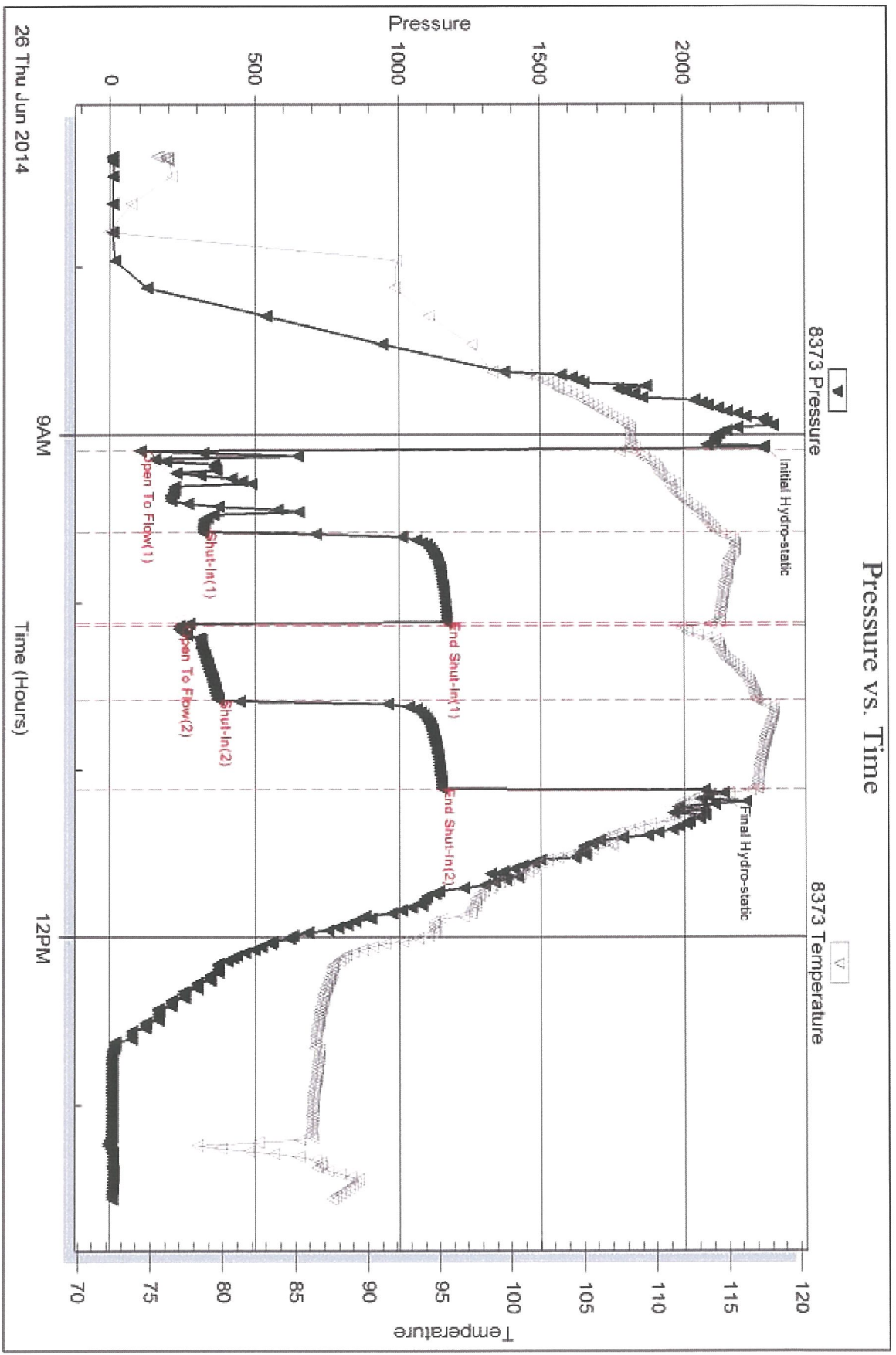
Serial #: 8373

Inside

Palomino Petroleum

Prosper 21 #1

DST Test Number: 2



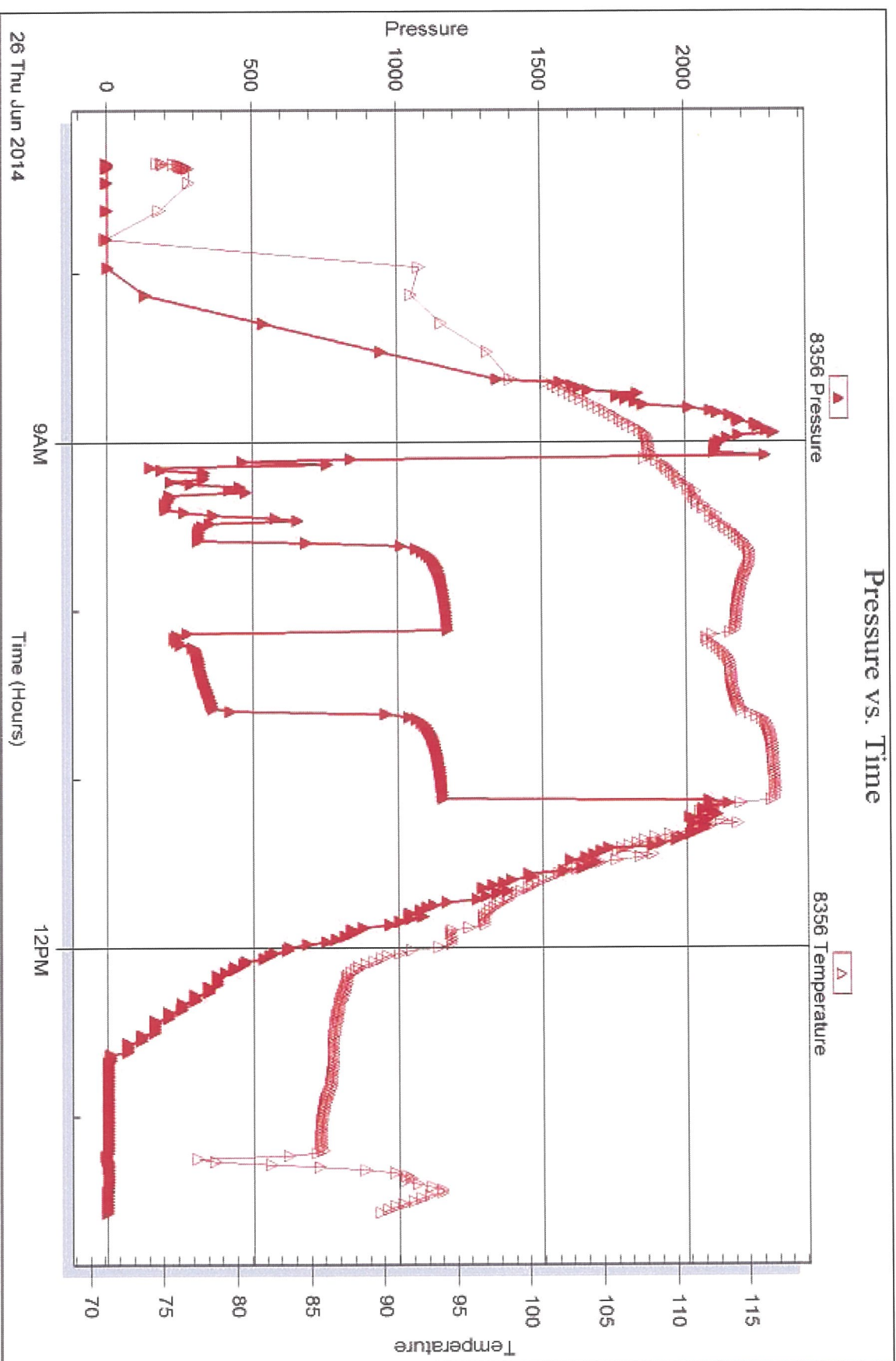
Serial #: 8356

Outside

Palomino Petroleum

Prosper 21 #1

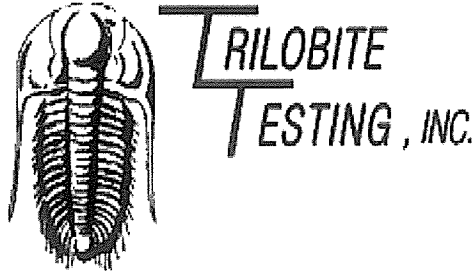
DST Test Number: 2



Tribble Testing, Inc

Ref. No: 59002

Printed: 2014.06.30 @ 13:44:23



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St
Newton, KS 67114

ATTN: Andrew Stenzel

Prosper 21 #1

21-20-34 Scott,KS

Start Date: 2014.06.27 @ 14:09:39

End Date: 2014.06.27 @ 20:26:39

Job Ticket #: 59003 DST #: 3

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

Printed: 2014.06.30 @ 13:43:47

Palomino Petroleum

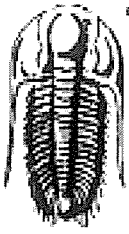
21-20-34 Scott,KS

Prosper 21 #1

DST # 3

Pawnee - Johnson

2014.06.27



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum

21-20-34 Scott, KS

4924 SE 84th St
New ton, KS 67114

Prosper 21 #1

Job Ticket: 59003

DST#: 3

ATTN: Andrew Stenzel

Test Start: 2014.06.27 @ 14:09:39

GENERAL INFORMATION:

Formation: **Pawnee - Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:59:09

Time Test Ended: 20:26:39

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 60

Interval: **4558.00 ft (KB) To 4804.00 ft (KB) (TVD)**

Total Depth: 4804.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3090.00 ft (KB)

3085.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8373

Inside

Press@RunDepth: 135.82 psig @ 4559.00 ft (KB)

Start Date: 2014.06.27

End Date:

2014.06.27

Start Time: 14:09:44

End Time:

20:26:38

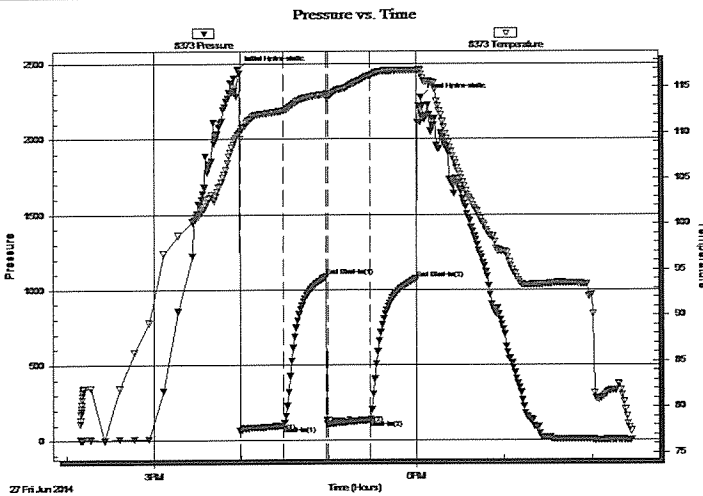
Capacity: 8000.00 psig

Last Calib.: 2014.06.27

Time On Btm: 2014.06.27 @ 15:58:09

Time Off Btm: 2014.06.27 @ 18:03:09

TEST COMMENT: IF: BOB in 10 min.
IS: Surface blow built to 1 1/2 in 30 min.
FF: BOB in 4 min.
FS: Surface blow built to 6 in 30 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2460.24	109.81	Initial Hydro-static
1	62.09	109.35	Open To Flow (1)
31	98.69	112.40	Shut-In(1)
60	1086.64	114.22	End Shut-In(1)
61	108.14	113.94	Open To Flow (2)
90	135.82	116.27	Shut-In(2)
122	1071.85	116.78	End Shut-In(2)
125	2276.71	116.40	Final Hydro-static

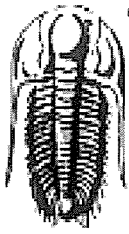
Recovery

Length (ft)	Description	Volume (bbl)
62.00	gocw m 20%g 10%o 30%w 40%m	0.30
62.00	mcgo 50%g 20%o 30%m	0.31
155.00	mcgo 10%g 70%o 20%m	2.17
0.00	713 GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum

21-20-34 Scott, KS

4924 SE 84th St
Newton, KS 67114

Prosper 21 #1

Job Ticket: 59003

DST#: 3

ATTN: Andrew Stenzel

Test Start: 2014.06.27 @ 14:09:39

Tool Information

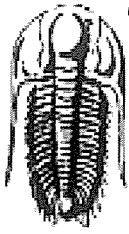
Drill Pipe:	Length: 4427.00 ft	Diameter: 3.80 inches	Volume: 62.10 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 110000.0 lb
		Total Volume: 62.70 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4558.00 ft			Final 68000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	246.00 ft			
Tool Length:	274.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Stubb	1.00			4531.00	
Shut In Tool	5.00			4536.00	
Hydraulic tool	5.00			4541.00	
Jars	5.00			4546.00	
Safety Joint	3.00			4549.00	
Packer	5.00			4554.00	28.00 Bottom Of Top Packer
Packer	4.00			4558.00	
Stubb	1.00			4559.00	
Recorder	0.00	8373	Inside	4559.00	
Recorder	0.00	8356	Outside	4559.00	
Perforations	16.00			4575.00	
Change Over Sub	1.00			4576.00	
Drill Pipe	222.00			4798.00	
Change Over Sub	1.00			4799.00	
Bullnose	5.00			4804.00	246.00 Bottom Packers & Anchor

Total Tool Length: 274.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum

21-20-34 Scott, KS

4924 SE 84th St
New ton, KS 67114

Prosper 21 #1

Job Ticket: 59003

DST#: 3

ATTN: Andrew Stenzel

Test Start: 2014.06.27 @ 14:09:39

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:

27000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.37 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 9000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	gocw m 20%g 10%o 30%w 40%m	0.305
62.00	mcgo 50%g 20%o 30%m	0.314
155.00	mcgo 10%g 70%o 20%m	2.174
0.00	713 GIP	0.000

Total Length:

279.00 ft

Total Volume:

2.793 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .23@83=27000

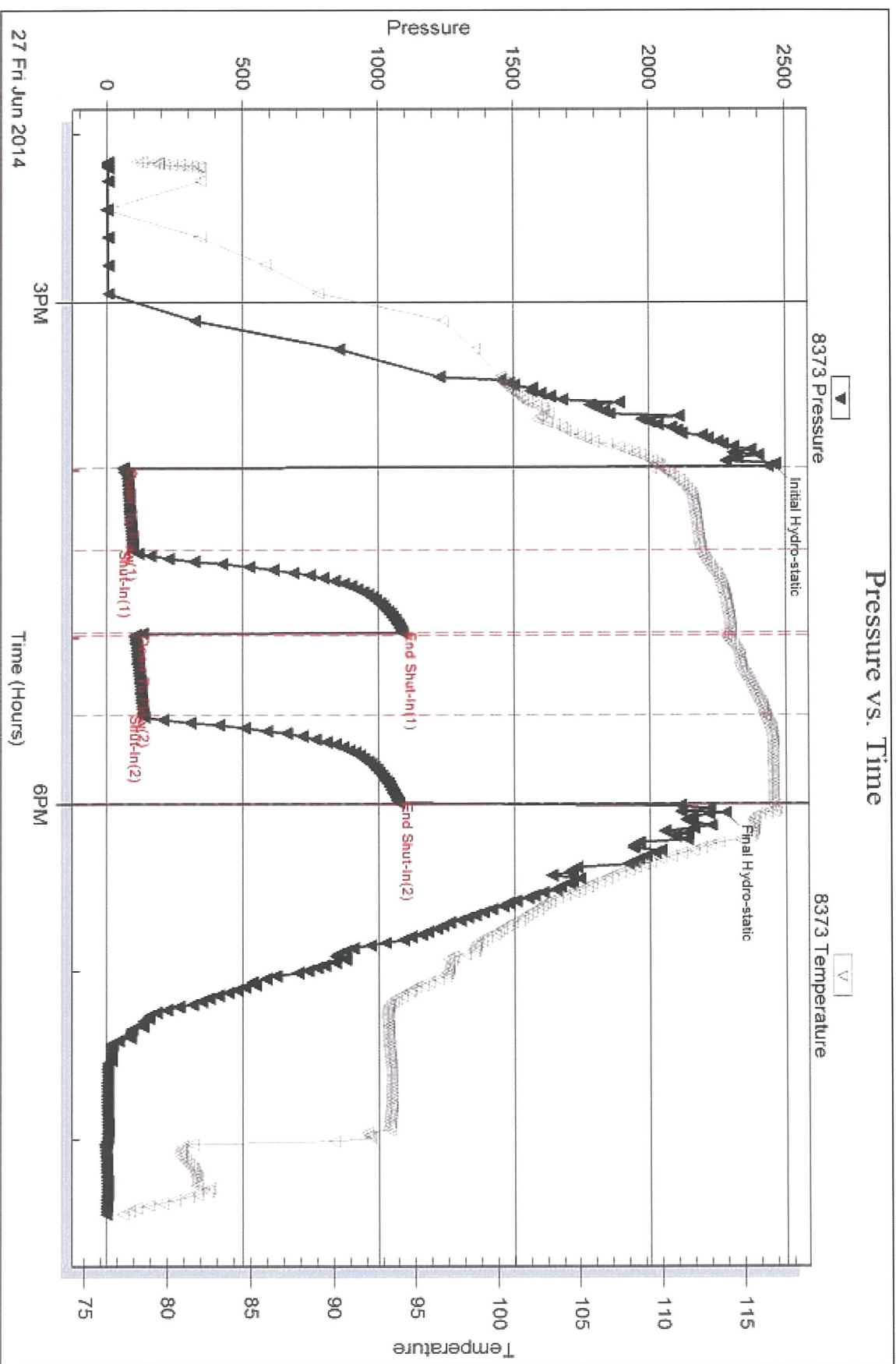
Serial #: 8373

Inside

Palomino Petroleum

Prosper 21 #1

DST Test Number: 3

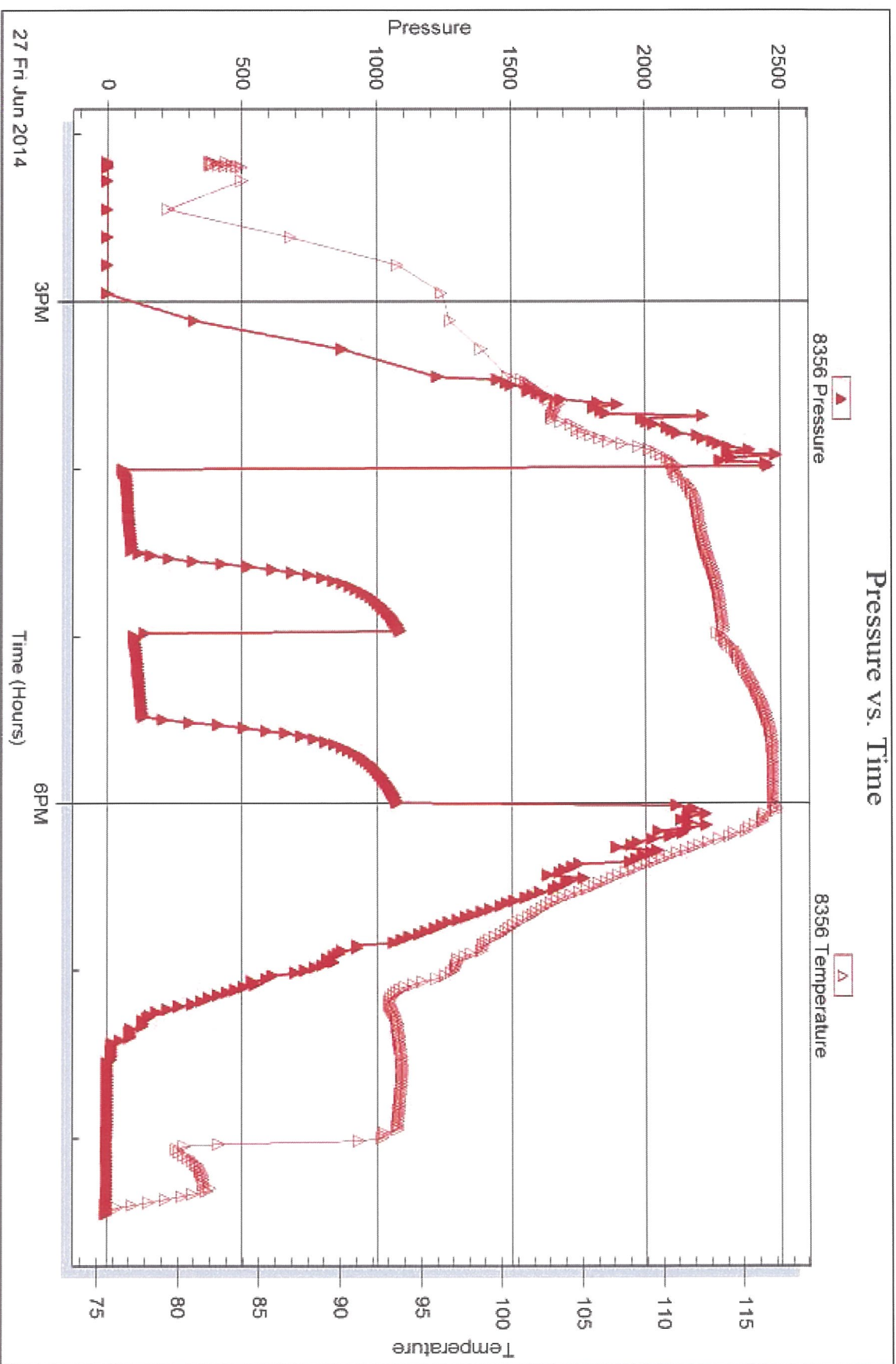


Serial #: 8356

Outside Palomino Petroleum

Prosper 21 #1

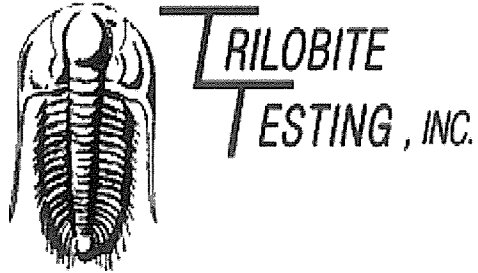
DST Test Number: 3



Tribble Testing, Inc

Ref. No: 59003

Printed: 2014.06.30 @ 13:43:49



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St
Newton, KS 67114

ATTN: Andrew Stenzel

Prosper 21 #1

21-20-34 Scott,KS

Start Date: 2014.06.28 @ 10:07:23

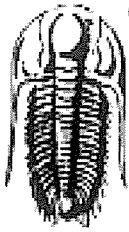
End Date: 2014.06.28 @ 14:42:53

Job Ticket #: 59004 DST #: 4

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

Printed: 2014.06.30 @ 13:32:12

Palomino Petroleum 21-20-34 Scott,KS Prosper 21 #1 DST # 4 Morrow 2014.06.28



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum
4924 SE 84th St
New ton, KS 67114
ATTN: Andrew Stenzel

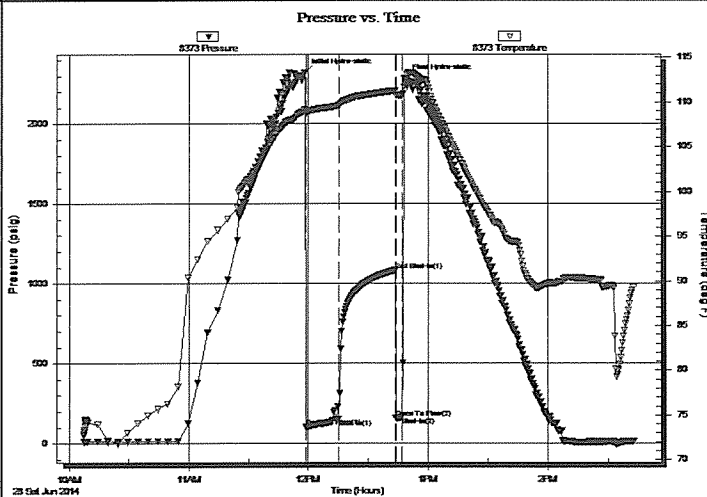
21-20-34 Scott,KS
Prosper 21 #1
Job Ticket: 59004 **DST#: 4**
Test Start: 2014.06.28 @ 10:07:23

GENERAL INFORMATION:

Formation: **Morrow**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 11:58:53
Time Test Ended: 14:42:53
Interval: **4754.00 ft (KB) To 4895.00 ft (KB) (TVD)**
Total Depth: 4895.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Reset)
Tester: Brandon Turley
Unit No: 60
Reference Elevations: 3090.00 ft (KB)
3085.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8373 Inside
Press@RunDepth: 149.97 psig @ 4755.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2014.06.28 End Date: 2014.06.28 Last Calib.: 2014.06.28
Start Time: 10:07:28 End Time: 14:42:52 Time On Btm: 2014.06.28 @ 11:58:23
Time Off Btm: 2014.06.28 @ 12:48:53

TEST COMMENT: IF: 5" blow BOB in 15 min.
IS: No return.
FF: Surface blow built to 1" in 5 min.
Pulled tool because of mud and sliding the tool 11 feet.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2322.49	109.16	Initial Hydro-static
1	103.17	108.71	Open To Flow (1)
17	149.97	109.57	Shut-In(1)
45	1081.79	111.29	End Shut-In(1)
46	156.35	110.74	Open To Flow (2)
49	166.30	110.76	Shut-In(2)
51	2285.64	112.00	Final Hydro-static

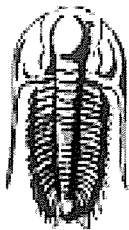
Recovery

Length (ft)	Description	Volume (bbl)
255.00	mud 100% m	2.46

* Recovery from multiple tests

Gas Rates

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



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DRILL STEM TEST REPORT

Palomino Petroleum
4924 SE 84th St
New ton, KS 67114
ATTN: Andrew Stenzel

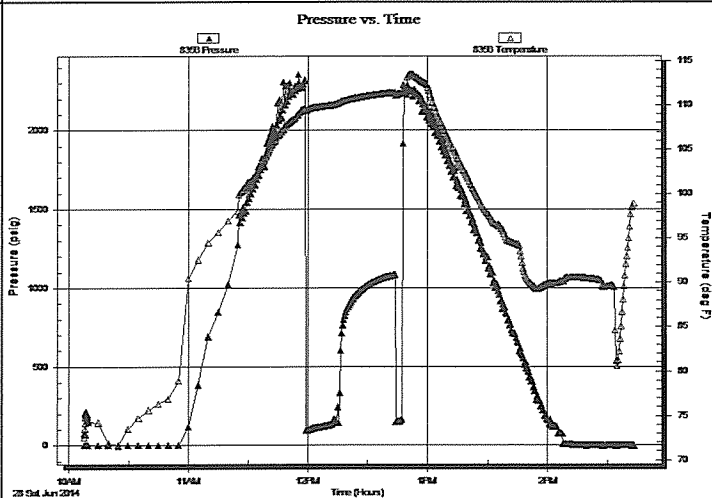
21-20-34 Scott,KS
Prosper 21 #1
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Test Type: Conventional Bottom Hole (Reset)
Tester: Brandon Turley
Unit No: 60
Reference Elevations: 3090.00 ft (KB)
3085.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8356 Outside
Press@RunDepth: psig @ 4755.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2014.06.28 End Date: 2014.06.28 Last Calib.: 2014.06.28
Start Time: 10:07:48 End Time: 14:43:12 Time On Btm:
Time Off Btm:

TEST COMMENT: IF: 5" blow BOB in 15 min.
IS: No return.
FF: Surface blow built to 1" in 5 min.
Pulled tool because of mud and sliding the tool 11 feet.



PRESSURE SUMMARY

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

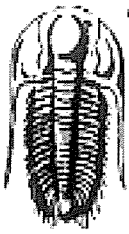
Recovery

Length (ft)	Description	Volume (bbt)
255.00	mud 100%m	2.46

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum

21-20-34 Scott, KS

4924 SE 84th St
Newton, KS 67114

Prosper 21 #1

Job Ticket: 59004

DST#: 4

ATTN: Andrew Stenzel

Test Start: 2014.06.28 @ 10:07:23

Tool Information

Drill Pipe:	Length: 4613.00 ft	Diameter: 3.80 inches	Volume: 64.71 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: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 110000.0 lb
			<u>Total Volume: 65.31 bbl</u>	Tool Chased 11.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 65000.00 lb
Depth to Top Packer:	4754.00 ft			Final 65000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	141.00 ft			
Tool Length:	169.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00			4727.00	
Shut In Tool	5.00			4732.00	
Hydraulic tool	5.00			4737.00	
Jars	5.00			4742.00	
Safety Joint	3.00			4745.00	
Packer	5.00			4750.00	28.00 Bottom Of Top Packer
Packer	4.00			4754.00	
Stubb	1.00			4755.00	
Recorder	0.00	8373	Inside	4755.00	
Recorder	0.00	8356	Outside	4755.00	
Perforations	6.00			4761.00	
Change Over Sub	1.00			4762.00	
Drill Pipe	127.00			4889.00	
Change Over Sub	1.00			4890.00	
Bullnose	5.00			4895.00	141.00 Bottom Packers & Anchor

Total Tool Length: 169.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum

21-20-34 Scott,KS

4924 SE 84th St
Newton, KS 67114

Prosper 21 #1

Job Ticket: 59004

DST#: 4

ATTN: Andrew Stenzel

Test Start: 2014.06.28 @ 10:07:23

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: 45.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
255.00	mud 100%m	2.457

Total Length:

255.00 ft

Total Volume:

2.457 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

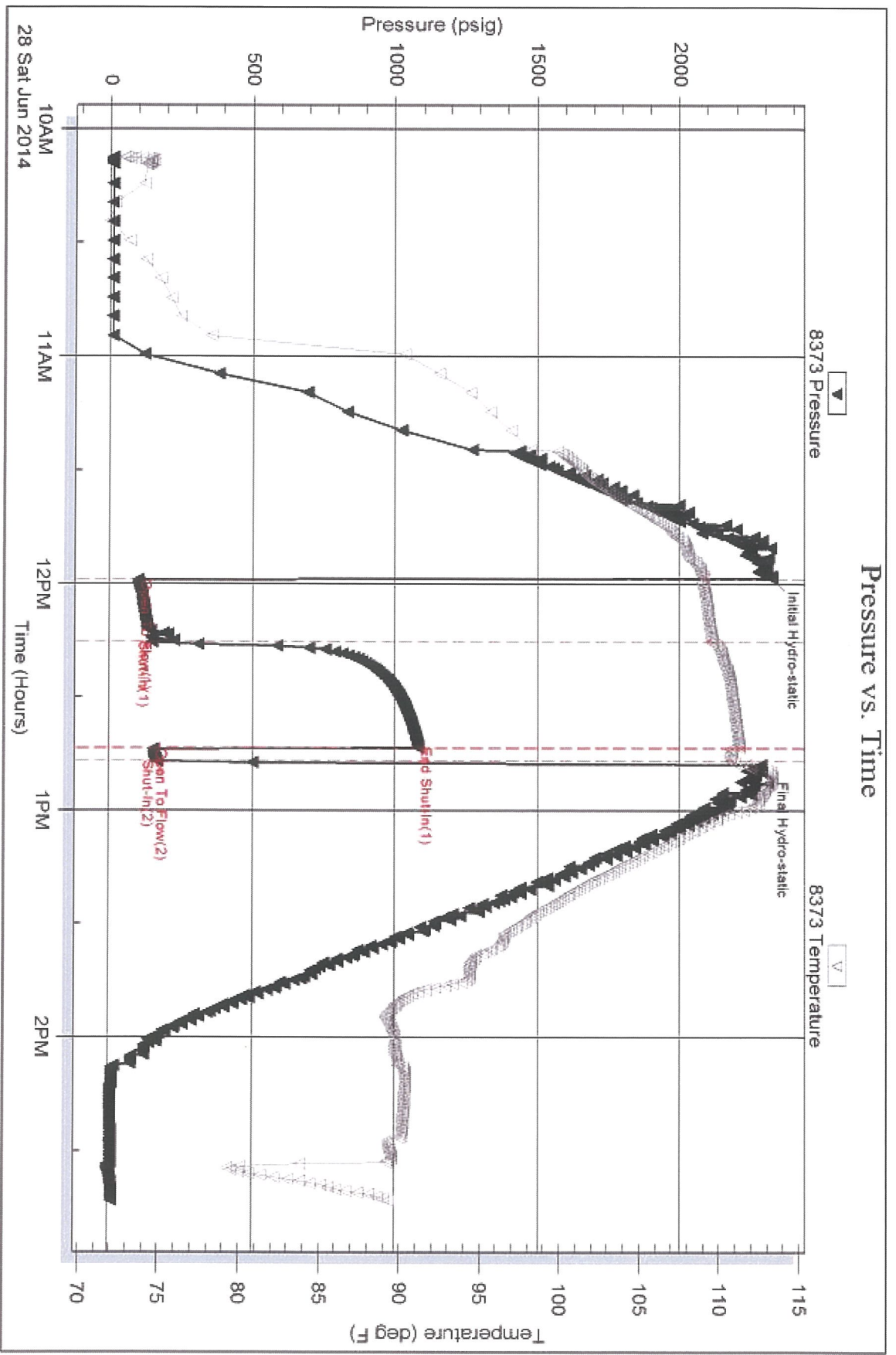
Serial #: 8373

Inside

Palomino Petroleum

Prosper 21 #1

DST Test Number: 4



Tribble Testing, Inc

Ref. No: 59004

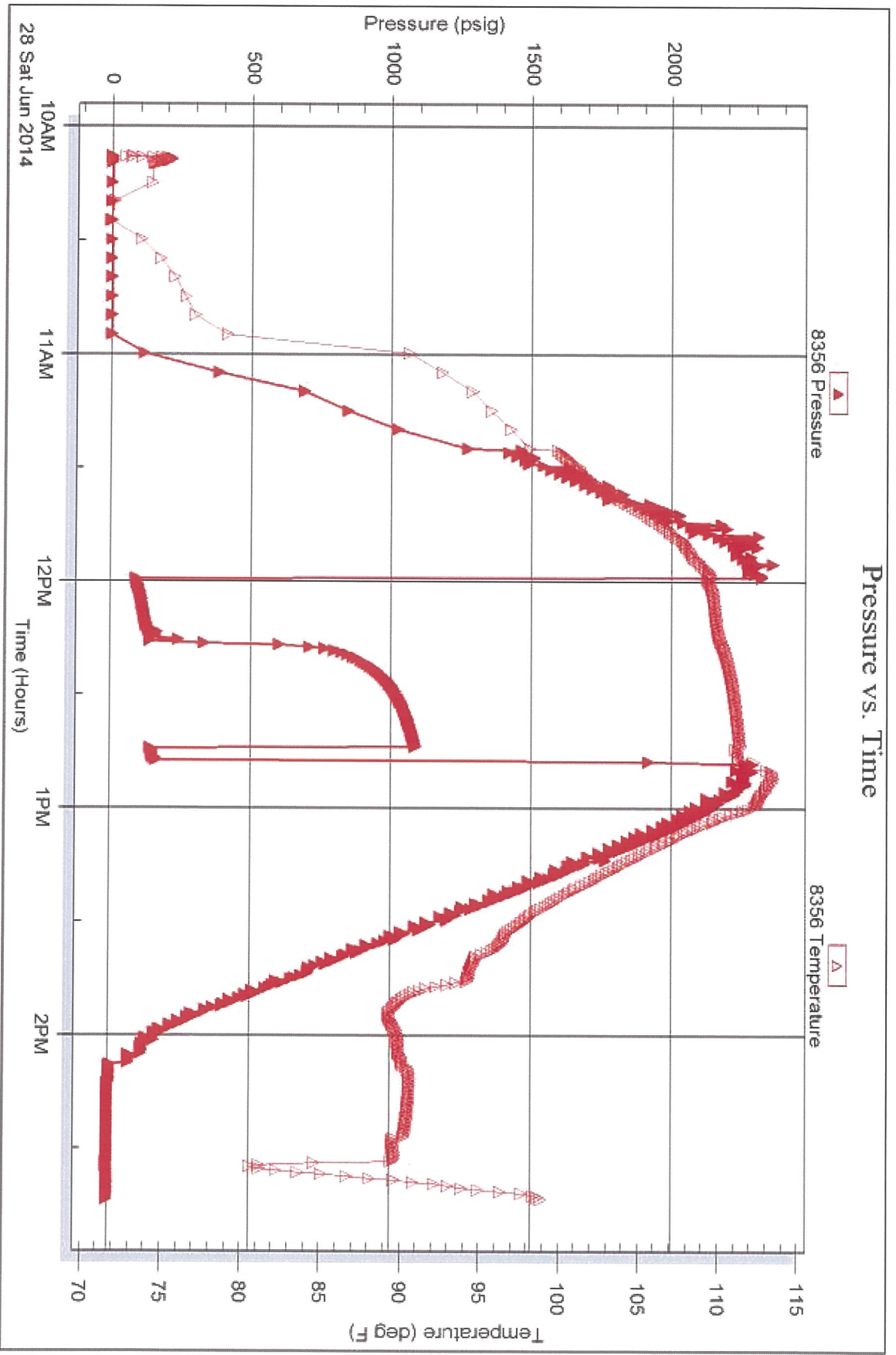
Printed: 2014.06.30 @ 13:32:13

Serial #: 8356

Outside Palomino Petroleum

Prosper 21 #1

DST Test Number: 4



Trikkoble Testing, Inc

Ref. No: 59004

Printed: 2014.06.30 @ 13:32:14



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 59001

Well Name & No. Prosper 21 #1 Test No. 1 Date 6-25-14
 Company Palomino Petroleum Elevation 3090 KB 3085 GL
 Address 4924 SE 84th St Newton, KS 67114
 Co. Rep / Geo. Andrew Stencel Rig ww #10
 Location: Sec. 21 Twp. 20 Rge. 34 Co. Scott State KS

Interval Tested 4264 4470 Zone Tested Lmsing JKL
 Anchor Length 206 Drill Pipe Run 4140 Mud Wt. 9.2
 Top Packer Depth 4259 Drill Collars Run 124 Vis 56
 Bottom Packer Depth 4264 Wt. Pipe Run — WL 10.4
 Total Depth 4470 Chlorides 9000 ppm System LCM 1

Blow Description IF: BoB in 2 min.
IS: No return.
FF: BoB in 2 min.
FS: No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>341</u>	<u>wcm</u>		<u>10</u>	<u>90</u>	
<u>372</u>	<u>mlw</u>		<u>50</u>	<u>50</u>	
<u>496</u>	<u>mlw</u>		<u>80</u>	<u>20</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

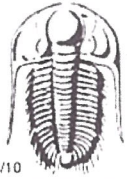
Rec Total 1209 BHT 116 Gravity — API RW .27 @ 88 °F Chlorides 19,000 ppm

(A) Initial Hydrostatic 2363 Test 1250 T-On Location 7:20
 (B) First Initial Flow 866 Jars 250 T-Started 9:00
 (C) First Final Flow 939 Safety Joint 75 T-Open 11:02
 (D) Initial Shut-In 1087 Circ Sub NIL T-Pulled 12:22
 (E) Second Initial Flow 867 Hourly Standby _____ T-Out 14:45
 (F) Second Final Flow 909 Mileage 560 86.80 Comments _____
 (G) Final Shut-In 1084 Sampler _____
 (H) Final Hydrostatic 2024 Straddle _____

Initial Open 10 Ruined Shale Packer _____
 Initial Shut-In 30 Ruined Packer _____
 Final Flow 10 Extra Packer _____
 Final Shut-In 30 Extra Recorder _____
 Sub Total 0
 Total 1661.80
 MP/DST Disc't _____
 Sub Total 1661.80

Approved By _____ Our Representative

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



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 59002

Well Name & No. Prosper 21#1 Test No. 2 Date 6-26-14
 Company Palomino Petroleum Elevation 3090 KB 3085 GL
 Address _____
 Co. Rep / Geo. Andrew Stenzel Rig WW #10
 Location: Sec. 21 Twp. 20 Rge. 34 Co. Scott State KS

Interval Tested 4443 4560 Zone Tested Marmaton
 Anchor Length _____ Drill Pipe Run 4300 Mud Wt. 9.4
 Top Packer Depth _____ Drill Collars Run 124 Vis 76
 Bottom Packer Depth 4443 Wt. Pipe Run _____ WL 10.4
 Total Depth 4560 Chlorides 9700 ppm System LCM 3

Blow Description #1: BoB in 7 min.
#5: BoB in 8 min.
FF: BoB in 5 min.
#5: BoB in 6 min.

Rec	Feet of	%gas	%oil	%water	%mud
<u>93</u>	<u>OCM</u>	<u>10</u>		<u>90</u>	
<u>372</u>	<u>MC90</u>	<u>40</u>	<u>40</u>		<u>20</u>
<u>310</u>	<u>5 MC90</u>	<u>10</u>	<u>60</u>		<u>30</u>
<u>589</u>	<u>6FP</u>				

Rec Total 775 BHT 116 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 2282 Test 1250 T-On Location 6:20
 (B) First Initial Flow 103 Jars 250 T-Started 7:20
 (C) First Final Flow 326 Safety Joint 75 T-Open 9:05
 (D) Initial Shut-In 1170 Circ Sub NIL T-Pulled 11:05
 (E) Second Initial Flow 238 Hourly Standby _____ T-Out 13:35
 (F) Second Final Flow 373 Mileage 56 86.80 Comments _____
 (G) Final Shut-In 1151 Sampler _____
 (H) Final Hydrostatic 2136 Straddle _____

Initial Open 30 Shale Packer _____ Ruined Shale Packer _____
 Initial Shut-In 30 Shale Packer _____ Ruined Packer _____
 Final Flow 30 Extra Packer _____ Extra Copies _____
 Final Shut-In 30 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 1661.80
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1661.80

Approved By _____ Our Representative

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TRILOBITE TESTING INC.

1515 Commerce Parkway - Hays, Kansas 67601

Test Ticket

NO. 59003

Well Name & No. Prosper 21 #1 Test No. 3 Date 6-27-14
 Company B/omino Petroleum Elevation 3090 KB 3085 GL
 Address _____
 Co. Rep / Geo. Andrew Stenzel Rig WW #10
 Location: Sec. 21 Twp. 20 Rge. 34 Co. Scott State KS

Interval Tested 4558 4804 Zone Tested P9W nec, F7 Scott Johnson
 Anchor Length _____ Drill Pipe Run 4427 Mud Wt. 9.1
 Top Packer Depth _____ Drill Collars Run 124 Vis 54
 Bottom Packer Depth 4558 Wt. Pipe Run _____ WL 10.4
 Total Depth 4804 Chlorides 9000 ppm System LCM 3

Blow Description IF: BoB in 10 min.
IS: surface blow built to 1 1/2 in 30 min.
FF: BoB in 4 min.
FS: surface blow built to 6 in 30 min.

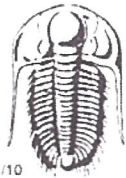
Rec	Feet of	%gas	%oil	%water	%mud
<u>155</u>	<u>MC90</u>	<u>10</u>	<u>70</u>	<u>20</u>	<u>0</u>
<u>62</u>	<u>MC90</u>	<u>50</u>	<u>20</u>	<u>30</u>	<u>0</u>
<u>62</u>	<u>90CWM</u>	<u>20</u>	<u>10</u>	<u>30</u>	<u>40</u>
Rec _____	Feet of <u>713 GTP</u>	%gas	%oil	%water	%mud
Rec _____	Feet of _____	%gas	%oil	%water	%mud

Rec Total 279 BHT 116 Gravity - API RW .23 @ 83° F Chlorides 27,000 ppm
 (A) Initial Hydrostatic 2460 Test 1250 T-On Location 13:40
 (B) First Initial Flow 62 Jars 250 T-Started 14:09
 (C) First Final Flow 98 Safety Joint 75 T-Open 15:58
 (D) Initial Shut-In 1086 Circ Sub NIC T-Pulled 17:58
 (E) Second Initial Flow 108 Hourly Standby _____ T-Out 20:25
 (F) Second Final Flow 135 Mileage 56- 86.80 Comments _____
 (G) Final Shut-In 1071 Sampler _____
 (H) Final Hydrostatic 2276 Straddle _____
 Shale Packer _____
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____

Initial Open 30
 Initial Shut-In 30
 Final Flow 30
 Final Shut-In 30
 Sub Total 1661.80
 MP/DST Disc't _____

Approved By _____ Our Representative _____

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 59004

Well Name & No. Prosper 21 #1 Test No. 4 Date 6-28-14
 Company Palomino Petroleum Elevation 3090 KB 3085 GL
 Address _____
 Co. Rep / Geo. Andrew Stenze Rig WW#10
 Location: Sec. 21 Twp. 20 Rge. 34 Co. Scott State KS

Interval Tested 4754 4895 Zone Tested Morrow
 Anchor Length _____ Drill Pipe Run 4613 Mud Wt. 9.1
 Top Packer Depth _____ Drill Collars Run 124 Vis 45
 Bottom Packer Depth _____ Wt. Pipe Run _____ WL 8.8
 Total Depth 4895 Chlorides 9000 ppm System LCM 3
 Blow Description IF: 5" blow BOB in 15 min.
IS: No return,
FF: surface blow built to 1 in 5 min. Pulled tool.

Rec	Feet of	%gas	%oil	%water	%mud
<u>255</u>	<u>mud</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec Total	<u>255</u>	BHT <u>110</u>	Gravity _____	API RW _____	@ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 2322 Test 1250 T-On Location 9:10
 (B) First Initial Flow 103 Jars 250 T-Started 10:07
 (C) First Final Flow 149 Safety Joint 75 T-Open 11:58
 (D) Initial Shut-In 1081 Circ Sub NIC T-Pulled 12:48
 (E) Second Initial Flow 156 Hourly Standby _____ T-Out 14:40
 (F) Second Final Flow 166 Mileage 56- 86.80 Comments slid tool 11 feet
 (G) Final Shut-In _____ Sampler _____
 (H) Final Hydrostatic 2285 Straddle _____

Shale Packer 250 Ruined Shale Packer _____
 Extra Packer _____ Ruined Packer _____
 Extra Recorder _____ Extra Copies _____
 Initial Open 15 Day Standby _____ Sub Total 0
 Initial Shut-In 30 Accessibility _____ Total 1911.80
 Final Flow 5 Sub Total 1911.80 MP/DST Disc't _____
 Final Shut-In _____

Approved By [Signature] Our Representative [Signature]
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