

Confidentiality Requested:

☐ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1244637

Form ACO-1

August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- ☐ New Well ☐ Re-Entry ☐ Workover
- ☐ Oil ☐ WSW ☐ SWD ☐ SIOW
- ☐ Gas ☐ D&A ☐ ENHR ☐ SIGW
- ☐ OG ☐ GSW ☐ Temp. Abd.
- ☐ CM (Coal Bed Methane)
- ☐ Cathodic ☐ Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- ☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD
- ☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer
- ☐ Commingled Permit #: _____
- ☐ Dual Completion Permit #: _____
- ☐ SWD Permit #: _____
- ☐ ENHR Permit #: _____
- ☐ GSW Permit #: _____

Spud Date or
Recompletion Date

Date Reached TD

Completion Date or
Recompletion Date

API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ ☐ East ☐ West

_____ Feet from ☐ North / ☐ South Line of Section

_____ Feet from ☐ East / ☐ West Line of Section

Footages Calculated from Nearest Outside Section Corner:

☐ NE ☐ NW ☐ SE ☐ SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? ☐ Yes ☐ No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ ☐ East ☐ West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

☐ Confidentiality Requested

Date: _____

☐ Confidential Release Date: _____

☐ Wireline Log Received

☐ Geologist Report Received

☐ UIC Distribution

ALT ☐ I ☐ II ☐ III Approved by: _____ Date: _____



1244637

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ ☐ East ☐ West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken (Attach Additional Sheets)	☐ Yes ☐ No	☐ Log	Formation (Top), Depth and Datum	☐ Sample
Samples Sent to Geological Survey	☐ Yes ☐ No	Name	Top	Datum
Cores Taken	☐ Yes ☐ No			
Electric Log Run	☐ Yes ☐ No			
List All E. Logs Run:				

CASING RECORD ☐ New ☐ Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
____ Perforate				
____ Protect Casing				
____ Plug Back TD				
____ Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well? ☐ Yes ☐ No (If No, skip questions 2 and 3)

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☐ No (If No, skip question 3)

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? ☐ Yes ☐ No (If No, fill out Page Three of the ACO-1)

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)		Depth

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: ☐ Yes ☐ No
Date of First, Resumed Production, SWD or ENHR.		Producing Method: ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain) _____		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: ☐ Vented ☐ Sold ☐ Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: ☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled (Submit ACO-5) ☐ Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	Offutt Trusts 1
Doc ID	1244637

Tops

Name	Top	Datum
Anhy.	1786	(+533)
Base Anhy.	1820	(+499)
Heebner	3602	(-1283)
Lansing	3642	(-1323)
BKC	3930	(-1611)
Pawnee	4070	(-1751)
Ft. Scott	4133	(-1814)
Cherokee Sh.	4156	(-1837)
Miss.	4223	(-1904)
LTD	4350	(-2031)



CONSOLIDATED
Oil Well Services, LLC

REMIT TO

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

RECEIVED

JAN 30 2015

MAIN OFFICE

P.O.Box884
Chanute, KS 66720
620/431-9210, 1-800/467-8676
Fax 620/431-0012

Invoice

Invoice# 803138

Invoice Date: 01/27/15

Terms: Net 30

Page 1

PALOMINO PETROLEUM, INC.

4924 SE 84TH STREET
NEWTON KS 67114-8827
USA

OFFUTT WEST TRUST #1

Part No	Description	Quantity	Unit Price	Discount(%)	Total
5401S	Cement Pump Truck - Surface	1.000	1,150.0000	15.000	977.50
5406	Mileage Charge	40.000	5.2500	15.000	178.50
5407A	Ton Mileage Delivery Charge	1.000	546.0000	15.000	464.10
1104S	Class A Cement	165.000	18.5500	15.000	2,601.64
1102	Calcium Chloride (50#)	465.000	0.9400	15.000	371.54
1118B	Premium Gel / Bentonite	310.000	0.2700	15.000	71.15
Subtotal					5,487.55
Discounted Amount					823.13
SubTotal After Discount					4,664.42
Amount Due 5,761.54 If paid after 02/26/15					
Tax:					232.89
Total:					4,897.32



CONSOLIDATED
Oil Well Services, LLC

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

FIELD TICKET & TRAILER REPORT

CEMENT

INVOICE #803138

KS

TICKET NUMBER 47895
LOCATION Oakley KS
FOREMAN Jerry V

1924
1869

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
1-26-15	6285	Offutt West Tract #1	6	15	25w	Trego
CUSTOMER Palomino			Callyer State Y west to 120 15 1/2w N into			
MAILING ADDRESS			TRUCK #	DRIVER	TRUCK #	DRIVER
			731	Jeremy R		
			693	Larry H		
CITY						
STATE						
ZIP CODE						

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 217 CASING SIZE & WEIGHT 8 5/8 24.5
CASING DEPTH 217 DRILL PIPE TUBING OTHER
SLURRY WEIGHT SLURRY VOL WATER gal/sk CEMENT LEFT in CASING 20'
DISPLACEMENT 12 1/2 bbl DISPLACEMENT PSI MIX PSI RATE

REMARKS: Safety meeting & rig upon WW10 break circulation with rig true mix
165 sks com class A cement with 3% CC 2% gel wash up & displace with 12 1/2 bbl
H2O & shut in, circulated 3 bbl to pit

Cement did
circulate ☺

Thank you
Jerry & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401s	1	PUMP CHARGE	1150.00	1150.00
5406	40	MILEAGE	5.25	210.00
5407A	7.8	ton mileage delivery	1.25	546.00
1104s	165 sks	com class A cement	18.55	3060.25
1102	465 #	calcium chloride	94	437.10
1118b	310 #	gel	27	83.70
			subtotal	5487.55
			less 15% disc	823.13
			subtotal	4664.42
			SALES TAX	232.89
			ESTIMATED TOTAL	4897.32

Ravin 3737

AUTHORIZATION

TITLE T.P.

DATE 1-26-15

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.



CONSOLIDATED
Oil Well Services, LLC

RECEIVED

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

MAIN OFFICE

P.O.Box884
Chanute, KS 66720
620/431-9210, 1-800/467-8676
Fax 620/431-0012

Invoice

FEB 07 2015

Invoice#

803312

Invoice Date: 02/05/15

Terms: Net 30

Page 1

PALOMINO PETROLEUM, INC.

4924 SE 84TH STREET
NEWTON KS 67114-8827
USA

OFFUTT TRUSTS #1

Part No	Description	Quantity	Unit Price	Discount(%)	Total
5401	Cement Pumper	1.000	1,395.0000	15.000	1,185.75
5406	Mileage Charge	40.000	5.2500	15.000	178.50
5407A	Ton Mileage Delivery Charge	1.000	722.4000	15.000	614.04
1131	60/40 Poz Mix	240.000	15.8600	15.000	3,235.44
1118B	Premium Gel / Bentonite	825.000	0.2700	15.000	189.34
1107	Flo-Seal	60.000	2.9700	15.000	151.47
4432	8 5/8 Wooden Plug	1.000	100.7500	15.000	85.64

Subtotal 6,635.50

Discounted Amount 995.33

SubTotal After Discount 5,640.17

Amount Due 6,965.07 If paid after 03/07/15

Tax: 280.14

Total: 5,920.32



CONSOLIDATED
Oil Well Services, LLC

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

FIELD TICKET & TREATMENT REPORT
CEMENT

2044

PP 3072

47930

1996

INVOICE # 803312

TICKET NUMBER

LOCATION Oakley KS

FOREMAN Dane Ratzliff

KS

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
Feb 11/15	6285	Offutt Tracts #1	6	15	25	Trego
CUSTOMER <u>Palomino</u>			Callyer KS			
MAILING ADDRESS			15 south to 80 y west to curve 1 mile S west 1 mile North into			
CITY	STATE	ZIP CODE	TRUCK #	DRIVER	TRUCK #	DRIVER
			731	Jardon		
			693	Rob		
			helper	Keith		

JOB TYPE PTA HOLE SIZE _____ HOLE DEPTH 3501 CASING SIZE & WEIGHT _____
 CASING DEPTH _____ DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.8 SLURRY VOL 1.42 WATER gal/sk 6.7 CEMENT LEFT in CASING _____
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting. Rig up. Plug as ordered.

1811^{ft} 50 SKS

737^{ft} 100 SKS

266^{ft} 50 SKS

40^{ft} 10 SKS

Pathole 30 SKS

240 SKS 60/40 Poz mix

470 gal 1/4 fl oz seal

Thanks Dane & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	1395.00	1395.00
5406	40	MILEAGE	5.25	210.00
5407	10.32	Ton Mileage Delivery	1.75	722.40
1131	240 SKS	60/40 Poz mix	15.86	3806.40
1118A	825	Bentonite	.27	222.75
1167	60	Flo Seal	2.97	178.20
4432	1	85% Wooden Plug.	100.75	100.75
			Sub	6635.50
			less 1590	995.32
			Total	5640.18
			SALES TAX	280.14
			ESTIMATED TOTAL	5,920.32

Ravin 3737

AUTHORIZATION

TITLE TP

DATE 2-1-15

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.

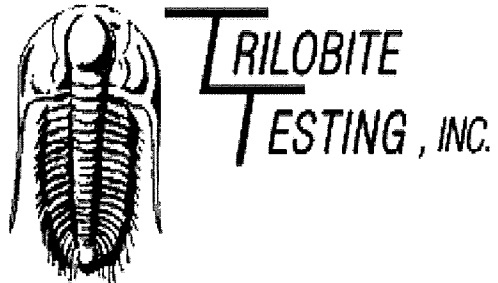
(d) Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, COWS is unable to guarantee the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by COWS. COWS' personnel will 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.



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc**

4924 SE 84th St
Newton KS 67114-8827

ATTN: Andrew Stenzel

Offutt Trusts # 1

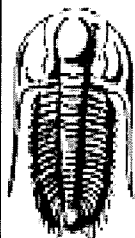
6 15s 25w Trego,KS

Start Date: 2015.01.31 @ 19:32:00

End Date: 2015.02.01 @ 02:12:00

Job Ticket #: 61393 DST #: 1

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum Inc
4924 SE 84th St
New ton KS 67114-8827
ATTN: Andrew Stenzel

6 15s 25w Trego, KS

Offutt Trusts # 1

Job Ticket: 61393

DST#: 1

Test Start: 2015.01.31 @ 19:32:00

GENERAL INFORMATION:

Formation: **Ft Scott - Mississipp**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:42:00

Time Test Ended: 02:12:00

Test Type: Conventional Straddle (Initial)

Tester: Jim Svaty

Unit No: 76

Interval: **4100.00 ft (KB) To 4245.00 ft (KB) (TVD)**

Total Depth: 4350.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2323.00 ft (KB)

2318.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8289 Outside

Press@RunDepth: 145.00 psig @ 4104.00 ft (KB)

Start Date: 2015.01.31

End Date:

2015.02.01

Start Time: 19:32:02

End Time:

02:12:00

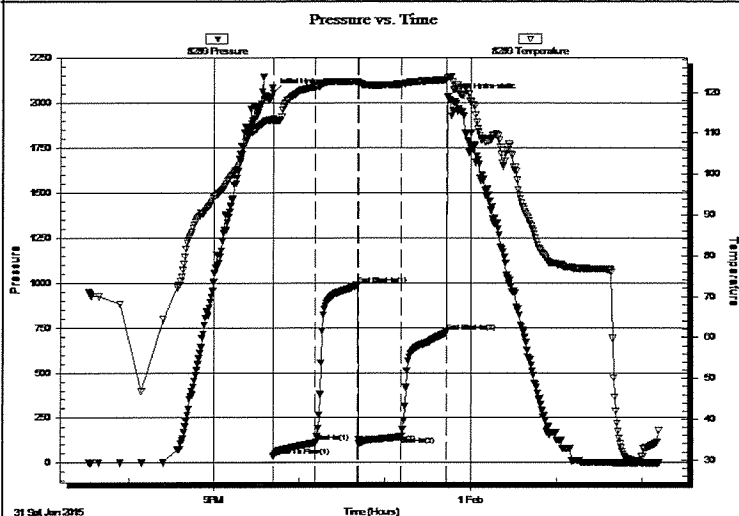
Capacity: 8000.00 psig

Last Calib.: 2015.02.01

Time On Btm: 2015.01.31 @ 21:41:45

Time Off Btm: 2015.01.31 @ 23:44:00

TEST COMMENT: 30-IFP- BOB in 5 min.
30-ISIP- No Blow
30-FFP- BOB in 4 min.
30-FSIP- Surface Blow in 1min. Building to 3"



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2056.87	113.37	Initial Hydro-static
1	35.18	112.67	Open To Flow (1)
30	111.00	121.28	Shut-In(1)
60	988.10	122.60	End Shut-In(1)
61	109.61	122.20	Open To Flow (2)
90	145.00	122.01	Shut-In(2)
122	724.62	123.04	End Shut-In(2)
123	2030.87	123.63	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
185.00	GMCO 20%g 20%m 60%o	1.48
150.00	GMCO 10%g 45%m 45%o	2.10
0.00	1300 GIP	0.00

Gas Rates

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



Palomino Petroleum Inc

ATTN: Andrew Stenzel

Offutt Trusts # 1

Job Ticket: 61393

DST#: 1

Test Start: 2015.01.31 @ 19:32:00

Formation: **Ft Scott - Mississipp**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:42:00

Time Test Ended: 02:12:00

Test Type: Conventional Straddle (Initial)

Tester: Jim Svaty

Unit No: 76

Interval: 4100.00 ft (KB) To 4245.00 ft (KB) (TVD)

Total Depth: 4350.00 ft (KB) (TVD)

Hole Diameter: 7.88 inchesHole Condition: Fair

Reference Elevations: 2323.00 ft (KB)

2318.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6668 Below (Straddle)

Press@RunDepth: psig @ 4250.00 ft (KB)

Start Date: 2015.01.31

End Date:

2015.02.01

Start Time: 19:32:02

End Time:

02:11:45

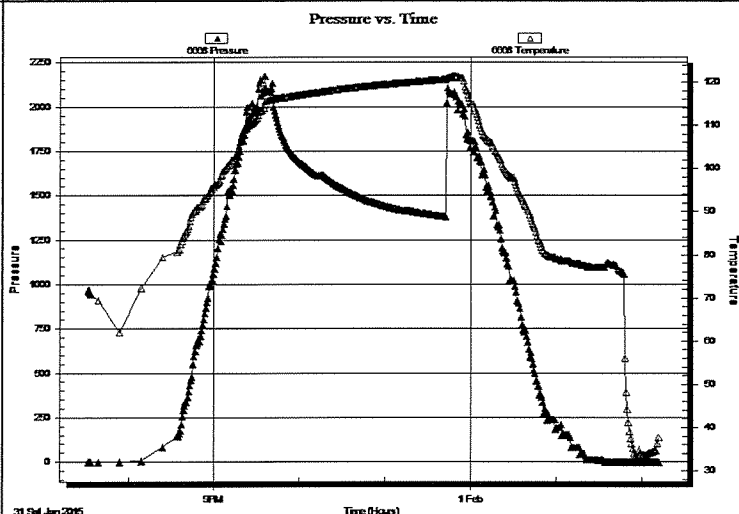
Capacity: 8000.00 psig

Last Calib.: 2015.02.01

Time On Btm:

Time Off Btm:

TEST COMMENT: 30-IFP- BOB in 5 min.
30-ISIP- No Blow
30-FFP- BOB in 4 min.
30-FSIP- Surface Blow in 1min. Building to 3"



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
185.00	GMCO 20%g 20%m 60%o	1.48
150.00	GMCO 10%g 45%m 45%o	2.10
0.00	1300 GIP	0.00

Gas Rates

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

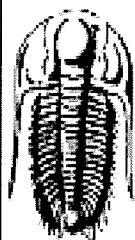


Test Start: 2015.01.31 @ 19:32:00

KB to GR/CF: 5.00 ft

Time Off Btm:

Printed: 2015.02.02 @ 15:51:29



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum Inc

6 15s 25w Trego,KS

4924 SE 84th St
New ton KS 67114-8827

Offutt Trusts # 1

Job Ticket: 61393

DST#: 1

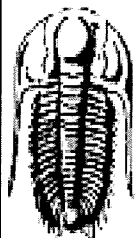
ATTN: Andrew Stenzel

Test Start: 2015.01.31 @ 19:32:00

Tool Information

Drill Pipe:	Length:	3976.00 ft	Diameter:	3.80 inches	Volume:	55.77 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	2.75 inches	Volume:	0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length:	122.00 ft	Diameter:	2.25 inches	Volume:	0.60 bbl	Weight to Pull Loose:	65000.00 lb
					Total Volume:	56.37 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		26.00 ft					String Weight: Initial	62000.00 lb
Depth to Top Packer:		4100.00 ft					Final	63000.00 lb
Depth to Bottom Packer:		4245.00 ft						
Interval between Packers:		145.00 ft						
Tool Length:		277.00 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			4073.00		
Shut In Tool	5.00			4078.00		
Hydraulic tool	5.00			4083.00		
Jars	5.00			4088.00		
Safety Joint	2.00			4090.00		
Packer	5.00			4095.00	28.00	Bottom Of Top Packer
Packer	5.00			4100.00		
Stubb	1.00			4101.00		
Perforations	2.00			4103.00		
Change Over Sub	1.00			4104.00		
Recorder	0.00	8789	Inside	4104.00		
Recorder	0.00	8289	Outside	4104.00		
Blank Spacing	126.00			4230.00		
Change Over Sub	1.00			4231.00		
Perforations	10.00			4241.00		
Blank Off Sub	1.00			4242.00		
Blank Spacing	3.00			4245.00	145.00	Tool Interval
Packer	1.00			4246.00		
Perforations	3.00			4249.00		
Change Over Sub	1.00			4250.00		
Recorder	0.00	6668	Below	4250.00		
Blank Spacing	95.00			4345.00		
Change Over Sub	1.00			4346.00		
Bullnose	3.00			4349.00	104.00	Bottom Packers & Anchor
Total Tool Length:		277.00				



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Inc

6 15s 25w Trego, KS

4924 SE 84th St
New ton KS 67114-8827

Offutt Trusts # 1

Job Ticket: 61393

DST#: 1

ATTN: Andrew Stenzel

Test Start: 2015.01.31 @ 19:32:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 52.00 sec/qt

Water Loss: 7.18 in³

Resistivity: ohm.m

Salinity: 2800.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

41 deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
185.00	GMCO 20%g 20%m 60%o	1.484
150.00	GMCO 10%g 45%m 45%o	2.104
0.00	1300 GIP	0.000

Total Length: 335.00 ft

Total Volume: 3.588 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

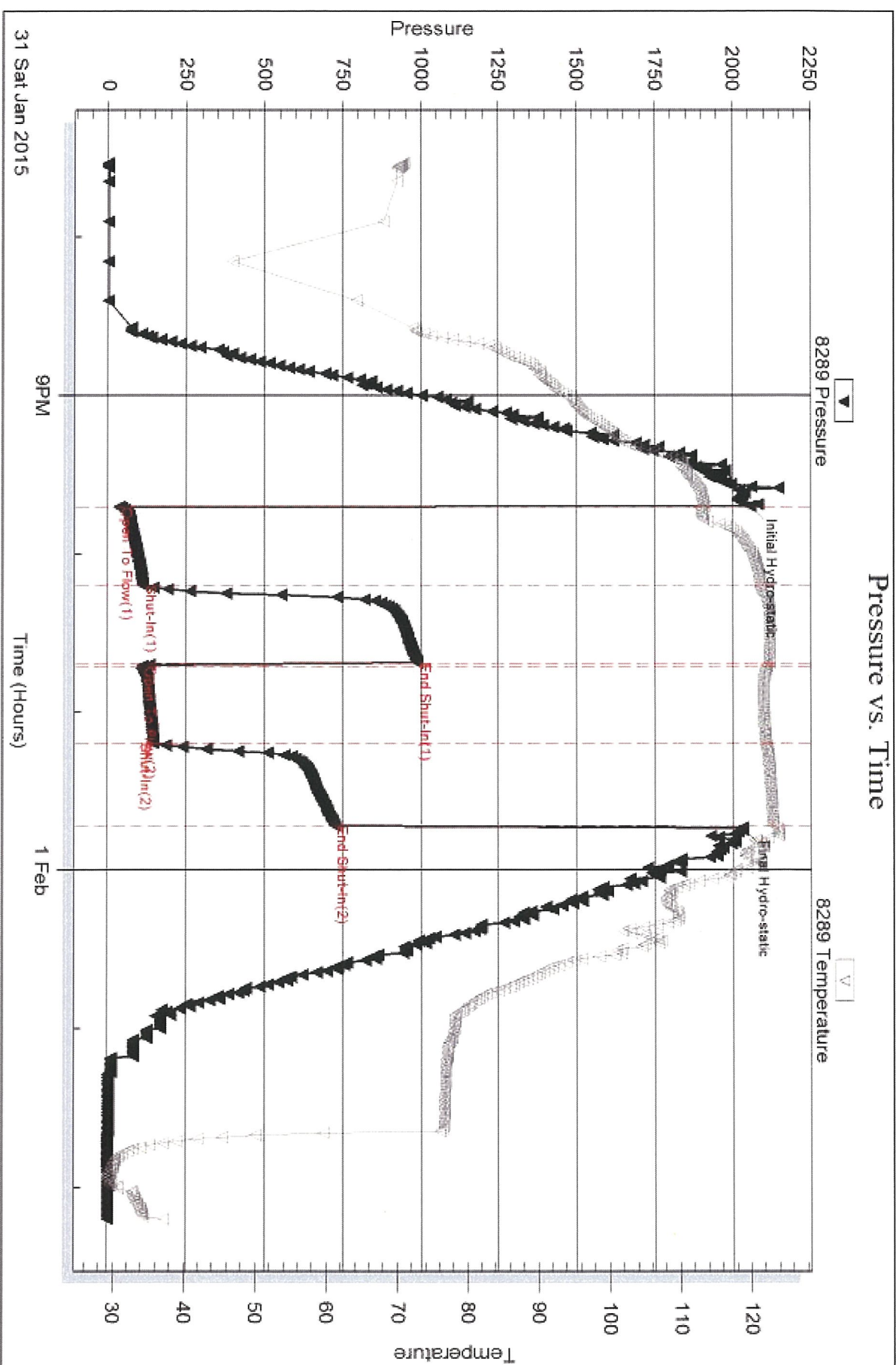
Serial #: 8289

Outside

Palomino Petroleum Inc

Offutt Trusts # 1

DST Test Number: 1

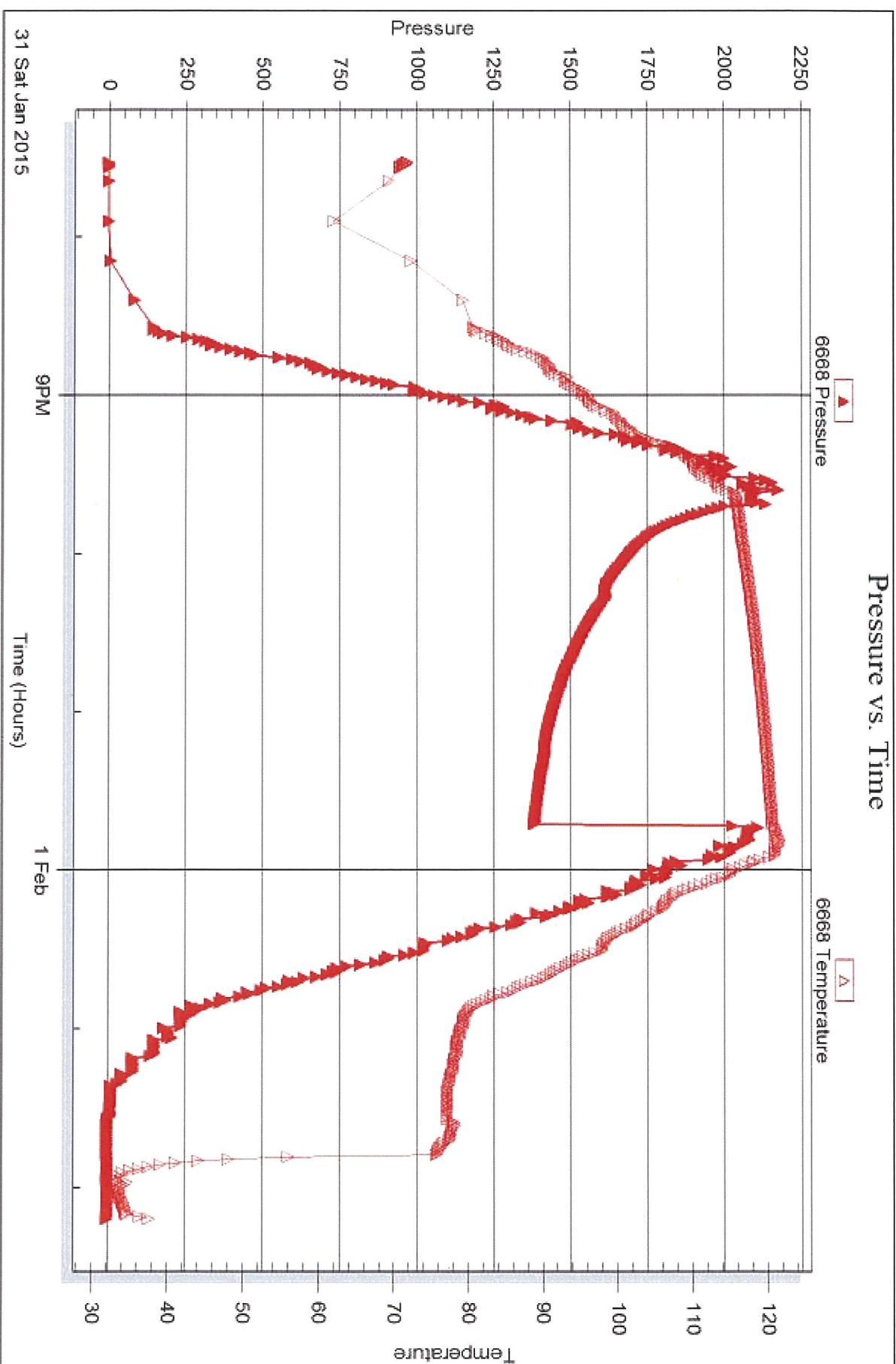


Serial #: 6668

Below (Strathairn) Petroleum Inc

Offutt Trusts # 1

DST Test Number: 1



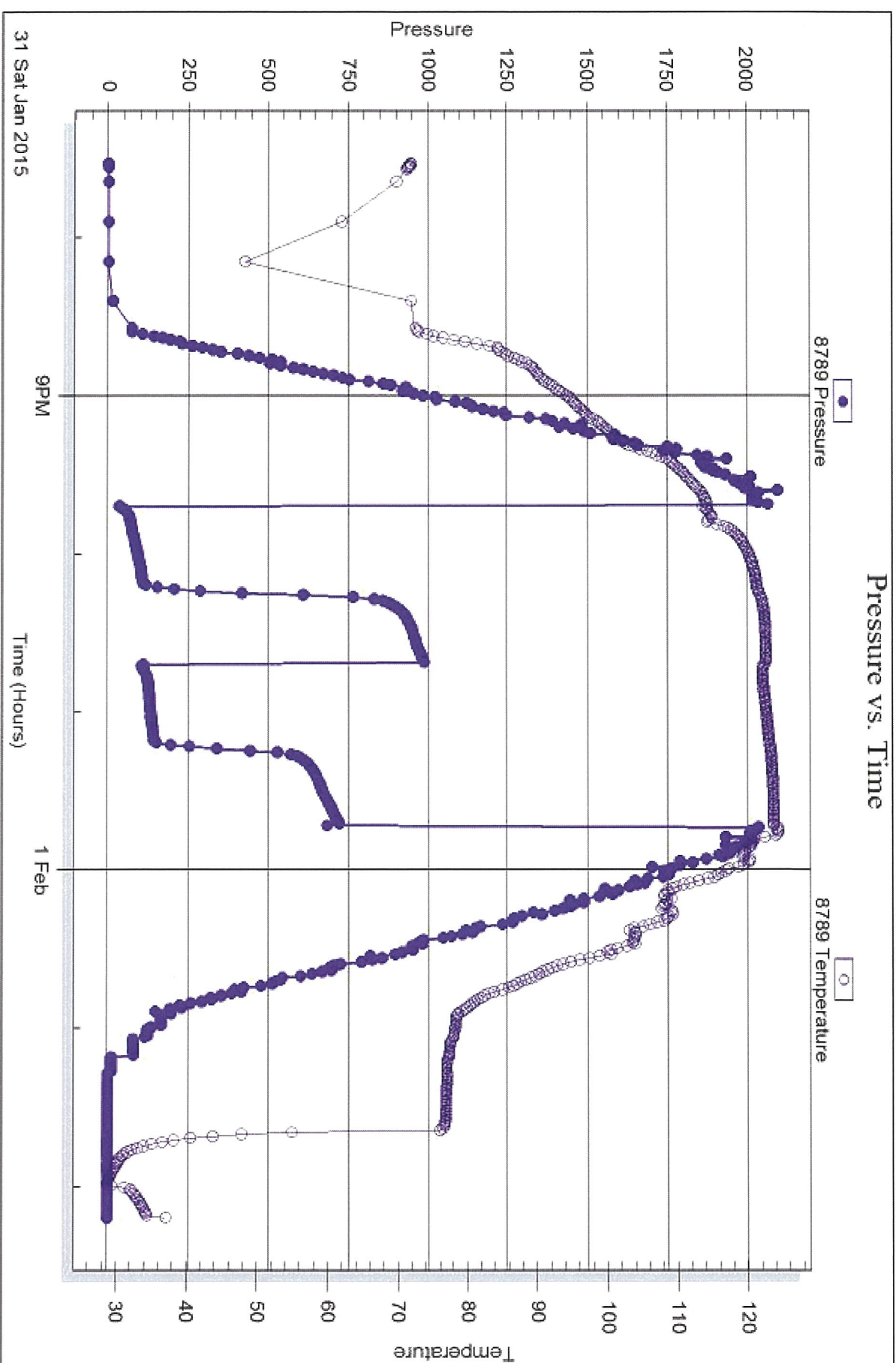
Serial #: 8789

Inside

Palomino Petroleum Inc

Offutt Trusts # 1

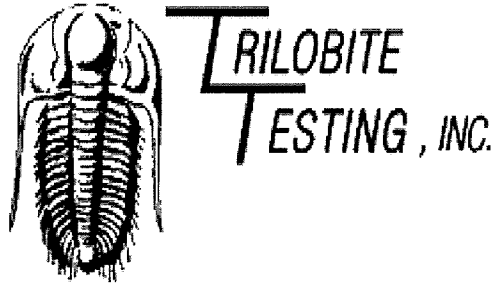
DST Test Number: 1



Tribble Testing, Inc

Ref. No: 61393

Printed: 2015 02 02 @ 15:51:30



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc**

4924 SE 84th St
Newton KS 67114-8827

ATTN: Andrew Stenzel

Offutt Trusts # 1

6 15s 25w Trego,KS

Start Date: 2015.02.01 @ 02:55:00

End Date: 2015.02.01 @ 08:58:00

Job Ticket #: 61394 DST #: 2

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.02.02 @ 15:49:15



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum Inc

4924 SE 84th St
New ton KS 67114-8827

ATTN: Andrew Stenzel

6 15s 25w Trego, KS

Offutt Trusts # 1

Job Ticket: 61394

DST#: 2

Test Start: 2015.02.01 @ 02:55:00

GENERAL INFORMATION:

Formation: **LKC "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:01:30

Time Test Ended: 08:58:00

Test Type: Conventional Straddle (Reset)

Tester: Jim Svaty

Unit No: 76

Interval: 3808.00 ft (KB) To 3883.00 ft (KB) (TVD)

Total Depth: 4350.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2323.00 ft (KB)

2318.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8289 Outside

Press@RunDepth: 152.85 psig @ 3811.00 ft (KB)

Start Date: 2015.02.01

End Date:

2015.02.01

Start Time: 02:55:02

End Time:

08:58:00

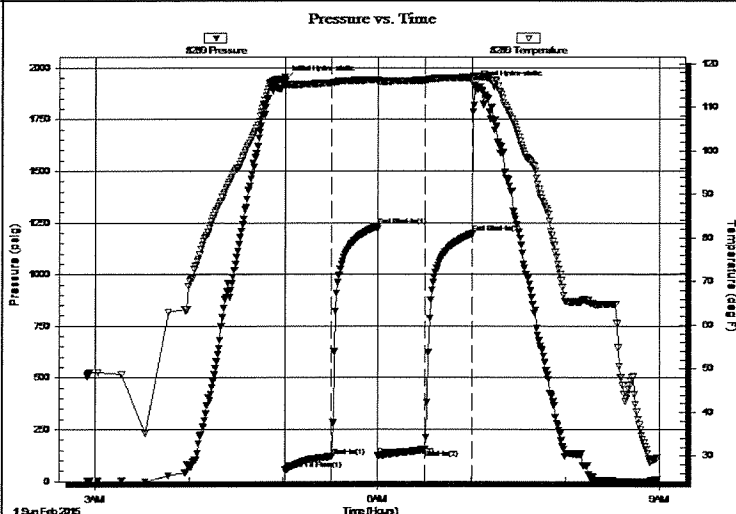
Capacity: 8000.00 psig

Last Calib.: 2015.02.01

Time On Btm: 2015.02.01 @ 05:01:15

Time Off Btm: 2015.02.01 @ 07:01:30

TEST COMMENT: 30-IFP- Surface Blow Building to 9 1/2"
30-ISIP- No Blow
30-FFP- Surface Blow Building to 6 3/4"
30-FSIP- No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1939.40	115.82	Initial Hydro-static
1	56.02	114.89	Open To Flow (1)
30	121.01	115.56	Shut-In(1)
59	1232.28	116.24	End Shut-In(1)
60	124.16	115.85	Open To Flow (2)
89	152.85	116.17	Shut-In(2)
120	1197.79	116.82	End Shut-In(2)
121	1914.47	116.99	Final Hydro-static

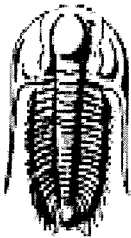
Recovery

Length (ft)	Description	Volume (bbl)
200.00	MCW 10% m 90% w	1.69
2.00	CO 100%	0.03

* Recovery from multiple tests

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum Inc

4924 SE 84th St
New ton KS 67114-8827

ATTN: Andrew Stenzel

6 15s 25w Trego, KS

Offutt Trusts # 1

Job Ticket: 61394

DST#: 2

Test Start: 2015.02.01 @ 02:55:00

GENERAL INFORMATION:

Formation: **LKC "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:01:30

Time Test Ended: 08:58:00

Test Type: Conventional Straddle (Reset)

Tester: Jim Svaty

Unit No: 76

Interval: 3808.00 ft (KB) To 3883.00 ft (KB) (TVD)

Total Depth: 4350.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2323.00 ft (KB)

2318.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6668 Below (Straddle)

Press@RunDepth: psig @ 3904.00 ft (KB)

Start Date: 2015.02.01 End Date: 2015.02.01

Start Time: 02:55:02 End Time: 11:02:30

Capacity: 8000.00 psig

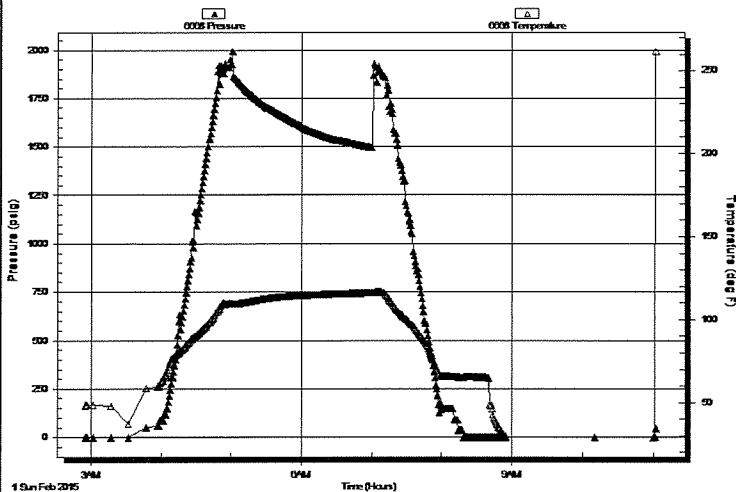
Last Calib.: 2015.02.01

Time On Btm:

Time Off Btm:

TEST COMMENT: 30-IFP- Surface Blow Building to 9 1/2"
30-ISIP- No Blow
30-FFP- Surface Blow Building to 6 3/4"
30-FSIP- No Blow

Pressure vs. Time



PRESSURE SUMMARY

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

Length (ft)	Description	Volume (bbl)
200.00	MCW 10% m 90% w	1.69
2.00	CO 100%	0.03

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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Palomino Petroleum Inc

ATTN: Andrew Stenzel

Offutt Trusts # 1

Job Ticket: 61394

DST#: 2

Test Start: 2015.02.01 @ 02:55:00

Formation: LKC "

Deviated: No Whipstock: ft (KB)
Time Tool Opened: 05:01:30
Time Test Ended: 08:58:00

Test Type: Conventional Straddle (Reset)

Tester: Jim Svaty

Unit No: 76

Interval: 3808.00 ft (KB) To 3883.00 ft (KB) (TVD)

Reference Elevations: 2323.00 ft (KB)

Total Depth: 4350.00 ft (KB) (TVD)

2318.00 ft (CF)

Hole Diameter: 7.88 inchesHole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8789 **Inside**

Press@RunDepth: psig @ 3811.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.02.01 End Date: 2015.02.01

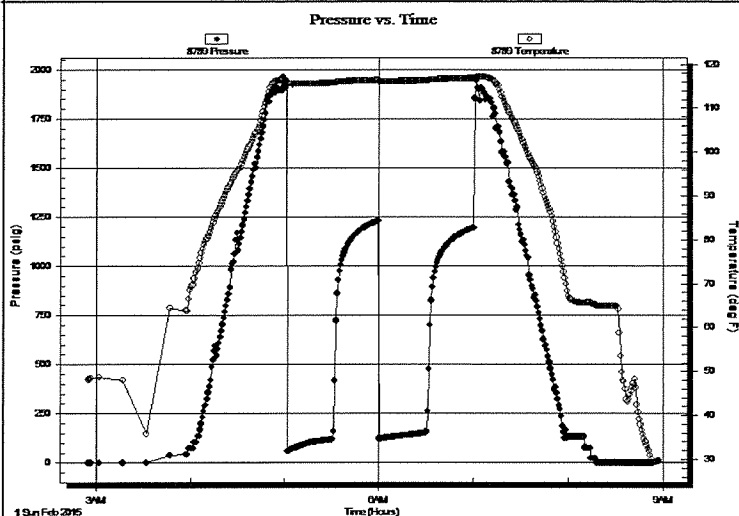
Last Calib.: 2015.02.01

Start Time: 02:55:02 End Time: 08:57:45

Time On Btm:

Time Off Btm:

TEST COMMENT: 30-IFP- Surface Blow Building to 9 1/2"
30-ISIP- No Blow
30-FFP- Surface Blow Building to 6 3/4"
30-FSIP- No Blow



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
200.00	MCW 10% m 90% w	1.69
2.00	CO 100%	0.03

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum Inc

6 15s 25w Trego,KS

4924 SE 84th St
New ton KS 67114-8827

Offutt Trusts # 1

Job Ticket: 61394

DST#: 2

ATTN: Andrew Stenzel

Test Start: 2015.02.01 @ 02:55:00

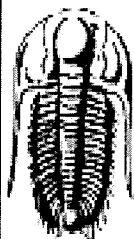
Tool Information

Drill Pipe:	Length:	3661.00 ft	Diameter:	3.80 inches	Volume:	51.35 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	2.75 inches	Volume:	0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length:	122.00 ft	Diameter:	2.25 inches	Volume:	0.60 bbl	Weight to Pull Loose:	65000.00 lb
					Total Volume:	51.95 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		3.00 ft					String Weight: Initial	62000.00 lb
Depth to Top Packer:		3808.00 ft					Final	63000.00 lb
Depth to Bottom Packer:		3883.00 ft						
Interval between Packers:		75.00 ft						
Tool Length:		569.00 ft						
Number of Packers:		2	Diameter:	6.75 inches				

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			3781.00	
Shut In Tool	5.00			3786.00	
Hydraulic tool	5.00			3791.00	
Jars	5.00			3796.00	
Safety Joint	2.00			3798.00	
Packer	5.00			3803.00	28.00 Bottom Of Top Packer
Packer	5.00			3808.00	
Stubb	1.00			3809.00	
Perforations	1.00			3810.00	
Change Over Sub	1.00			3811.00	
Recorder	0.00	8789	Inside	3811.00	
Recorder	0.00	8289	Outside	3811.00	
Blank Spacing	62.00			3873.00	
Change Over Sub	1.00			3874.00	
Perforations	5.00			3879.00	
Blank Off Sub	1.00			3880.00	
Blank Spacing	3.00			3883.00	75.00 Tool Interval
Packer	1.00			3884.00	
Perforations	19.00			3903.00	
Change Over Sub	1.00			3904.00	
Recorder	0.00	6668	Below	3904.00	
Blank Spacing	441.00			4345.00	
Change Over Sub	1.00			4346.00	
Bullnose	3.00			4349.00	466.00 Bottom Packers & Anchor
Total Tool Length:		569.00			



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Inc

6 15s 25w Trego, KS

4924 SE 84th St
New ton KS 67114-8827

Offutt Trusts # 1

Job Ticket: 61394

DST#: 2

ATTN: Andrew Stenzel

Test Start: 2015.02.01 @ 02:55:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API: 39 deg API

Mud Weight: 9.00 lb/gal

Cushion Length: ft

Water Salinity: 57500 ppm

Viscosity: 52.00 sec/qt

Cushion Volume: bbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure: psig

Salinity: 2800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
200.00	MCW 10% m 90% w	1.694
2.00	CO 100%	0.028

Total Length: 202.00 ft Total Volume: 1.722 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rW .360 @ 26

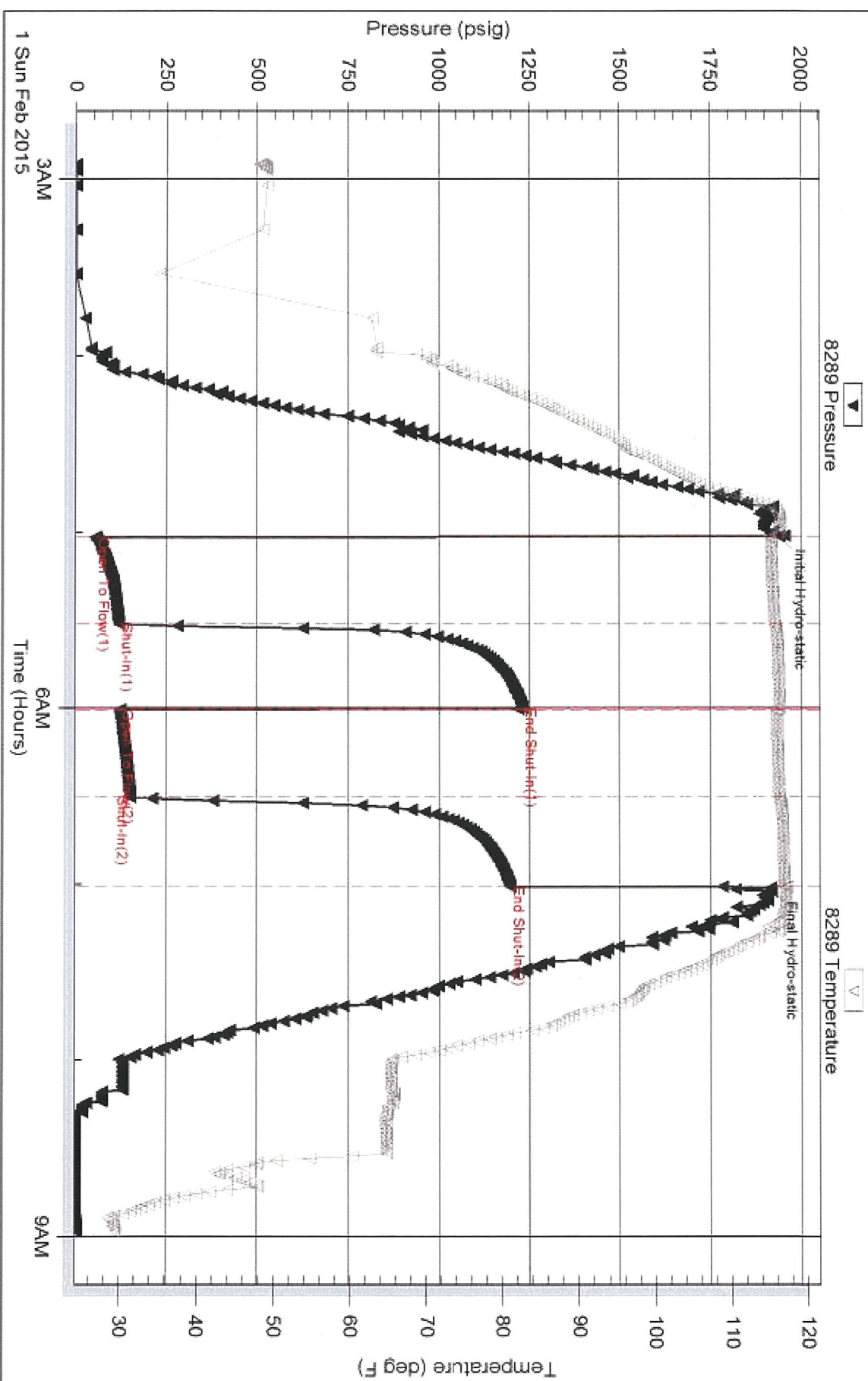
Serial #: 8289

Outside Palomino Petroleum Inc

Offutt Trusts # 1

DST Test Number: 2

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 61394

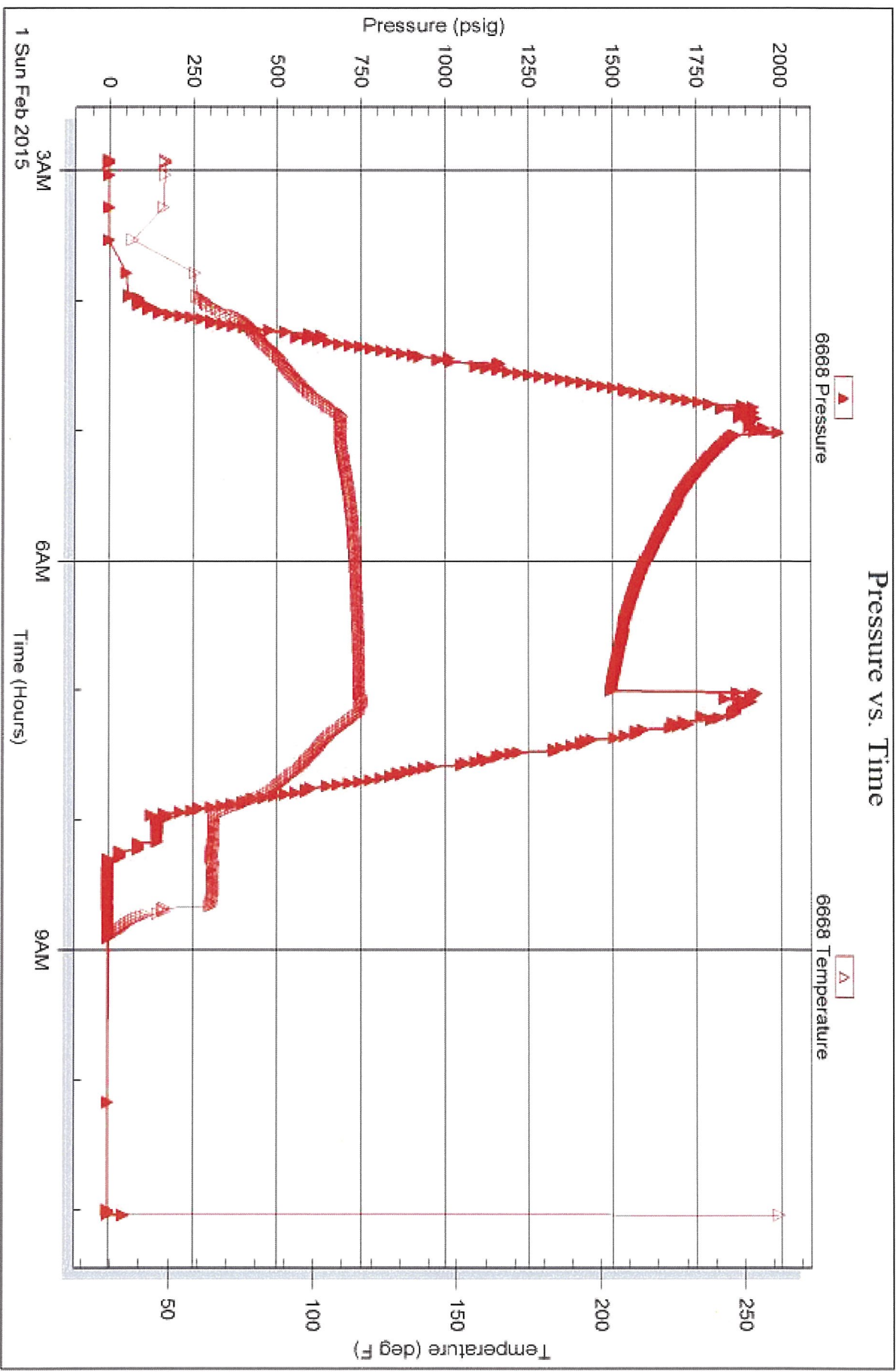
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Serial #: 6668

Below (Stratton) Petroleum Inc

Offutt Trusts # 1

DST Test Number: 2



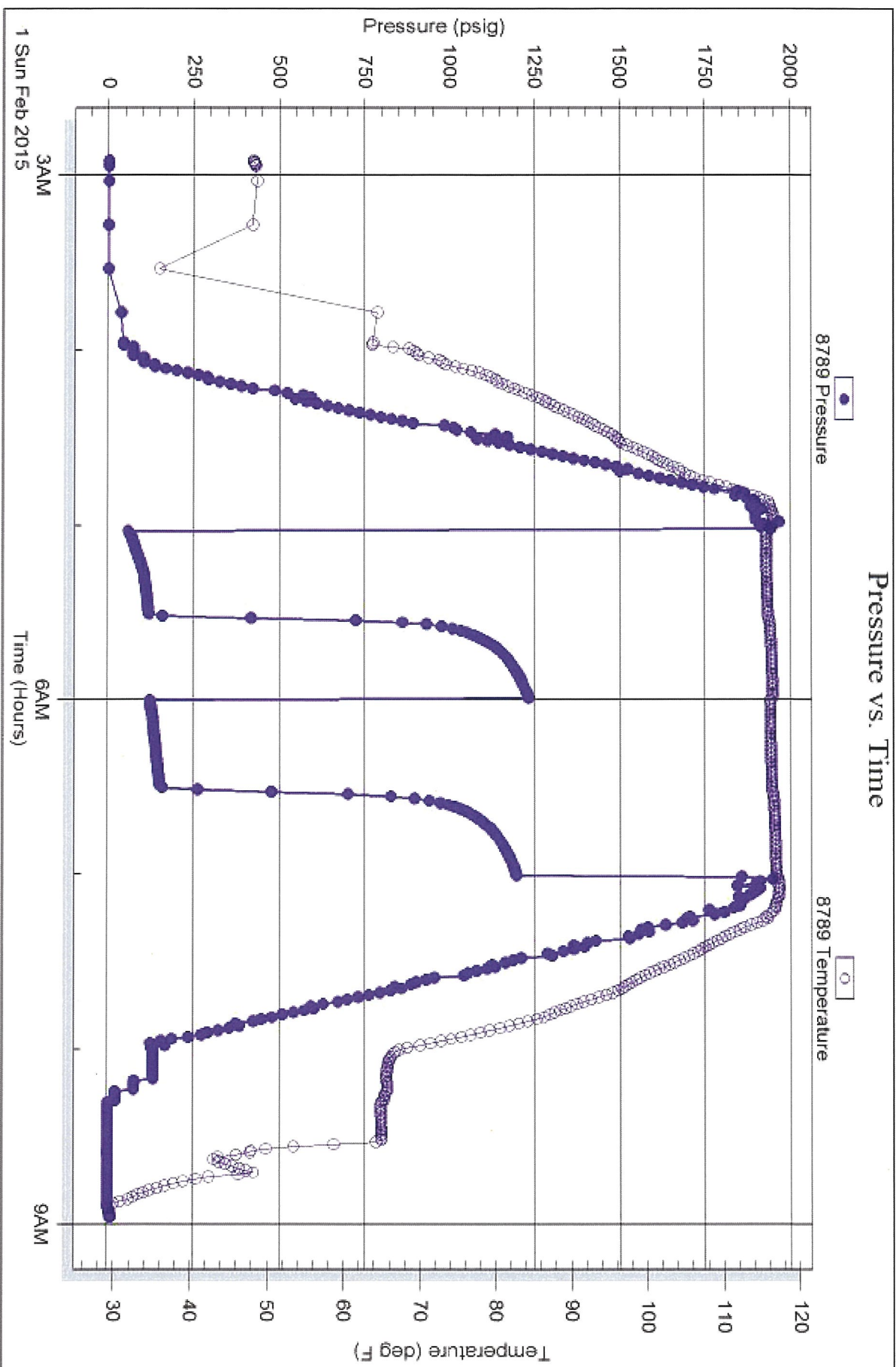
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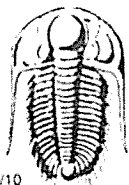
Inside

Palomino Petroleum Inc

Ofutt Trusts # 1

DST Test Number: 2





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 61393

Well Name & No. OFFUT Trusts #1 Test No. 1 Date 1-31-15
 Company Palomino Petroleum Inc Elevation 2323 KB 2318 GL
 Address 4924 SE 84th St Newton KS 67114-8827
 Co. Rep / Geo. Andrew Stenzel Rig WW 10
 Location: Sec. 6 Twp. 15S Rge. 25W Co. Trego State KS

Interval Tested 4100 - 4245 Zone Tested Ft. Scott & Miss.
 Anchor Length 145 A. (185 TP) Drill Pipe Run 3976 Mud Wt. 9.4
 Top Packer Depth 4100 Drill Collars Run 122 Vis 52
 Bottom Packer Depth 4245 Wt. Pipe Run 0 WL 7.2
 Total Depth 4350 Chlorides 2800 ppm System LCM 1

Blow Description IFP - BOB in 5min.
ISIP - No Blow
FFP - BOB in 4min
FSIP - Surface Blow in 1min. Building to 3in.
 Rec 185 Feet of Amco 20 %gas 60 %oil %water 20 %mud
 Rec 150 Feet of Amco 10 %gas 45 %oil %water 45 %mud
 Rec _____ Feet of _____ %gas %oil %water %mud
 Rec _____ Feet of 1300 AIP %gas %oil %water %mud
 Rec _____ Feet of _____ %gas %oil %water %mud

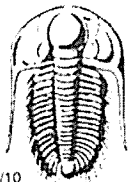
Rec Total 335 BHT 123 Gravity 41 API RW _____ @ _____ °F Chlorides _____ ppm
 (A) Initial Hydrostatic 2056 ☒ Test 1150 T-On Location 18:42
 (B) First Initial Flow 35 ☒ Jars 250 T-Started 19:32
 (C) First Final Flow 111 ☒ Safety Joint 75 T-Open 21:42
 (D) Initial Shut-In 988 ☐ Circ Sub _____ T-Pulled 23:42
 (E) Second Initial Flow 109 ☐ Hourly Standby _____ T-Out 02:12
 (F) Second Final Flow 145 ☒ Mileage 136 RT 136 Comments monster Pump?
 (G) Final Shut-In 724 ☐ Sampler _____
 (H) Final Hydrostatic 2030 ☒ Straddle 600

☐ Ruined Shale Packer
☐ Ruined Packer
☐ Extra Copies
 Sub Total 0
 Total 2211
 Initial Open 30
 Initial Shut-In 30
 Final Flow 30
 Final Shut-In 30
☐ Extra Packer
☐ Extra Recorder
☐ Day Standby
☐ Accessibility
 Sub Total 2211
 MP/DST Disc'l _____

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. 61394

Well Name & No. OFFUTT Trusts #1 Test No. 2 Date 2-1-15
 Company Palomino Petroleum Inc. Elevation 2323 KB 2318 GL
 Address 4924 SE 84th St. Newton KS 67114-8827
 Co. Rep / Geo. Andrew Stenzel Rig WW 10
 Location: Sec. 6 Twp. 15S Rge. 25W Co. Trego State KS

Interval Tested 3808-3883 Zone Tested LKC "
 Anchor Length 75A (467TP) Drill Pipe Run 3661 Mud Wt. 9.4
 Top Packer Depth 3808 Drill Collars Run 122 Vis 52
 Bottom Packer Depth 3883 Wt. Pipe Run 0 WL 7.2
 Total Depth 4350 Chlorides 2800 ppm System LCM 1

Blow Description FFP - Surface Blow Building to 9 1/2 in.
ISIP - No Blow
FFP - Surface Blow Building to 6 3/4 in.
FSIP - No Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>200</u>	<u>MCW</u>			<u>90</u>	<u>10</u>
<u>2</u>	<u>CO</u>		<u>100</u>		

Rec Total 200 BHT 117 Gravity 39 API RW 360 @ 26 °F Chlorides 57500 ppm
 (A) Initial Hydrostatic 1939 ☒ Test 1150 T-On Location 18:42
 (B) First Initial Flow 56 ☒ Jars 250 T-Started 02:55
 (C) First Final Flow 121 ☒ Safety Joint 75 T-Open 05:01
 (D) Initial Shut-In 1232 ☐ Circ Sub T-Pulled 07:01
 (E) Second Initial Flow 124 ☐ Hourly Standby T-Out 08:58
 (F) Second Final Flow 152 ☐ Mileage
 (G) Final Shut-In 1197 ☐ Sampler
 (H) Final Hydrostatic 1914 ☒ Straddle 600

Initial Open 30 ☐ Shale Packer ☐ 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
 Sub Total 2075 Total 2075 MP/DST Disc't

Approved By _____

Our Representative _____

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 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.