



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1167063
OIL & GAS CONSERVATION DIVISION

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
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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: _____

1167063

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> 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 <i>(Amount and Kind of Material Used)</i>	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)* _____

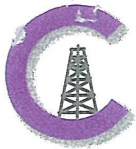
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	Deines 1
Doc ID	1167063

Tops

Name	Top	Datum
Anhy.	1854	(+ 548)
Base Anhy.	1890	(+ 512)
Heebner	3672	(-1270)
LKC	3715	(-1313)
BKC	4002	(-1600)
Marmaton	4053	(-1651)
Pawnee	4145	(-1743)
Fort Scott	4210	(-1808)
Cherokee Sh.	4236	(-1834)
Miss.	4304	(-1902)
Miss. Por.	4313	(-1911)



CONSOLIDATED
Oil Well Services, LLC

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

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

RECEIVED

AUG 24 2013

INVOICE

Invoice # 261577

Invoice Date: 08/23/2013 Terms: 10/10/30,n/30

Page 1

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

DEINES #1
38026
18-15-25
08-20-2013
KS

Part Number	Description	Qty	Unit Price	Total
1131	60/40 POZ MIX	295.00	15.8600	4678.70
1118B	PREMIUM GEL / BENTONITE	2030.00	.2700	548.10
1107	FLO-SEAL (25#)	74.00	2.9700	219.78

Sublet Performed	Description	Total
9996-130	CEMENT MATERIAL DISCOUNT	-544.66
9995-130	CEMENT EQUIPMENT DISCOUNT	-274.68

Description	Hours	Unit Price	Total
399 CEMENT PUMP	1.00	1785.00	1785.00
399 EQUIPMENT MILEAGE (ONE WAY)	35.00	5.25	183.75
529 TON MILEAGE DELIVERY	1.00	778.05	778.05

Amount Due 8610.04 if paid after 09/22/2013

Parts:	5446.58	Freight:	.00	Tax:	374.99	AR	7749.03
Labor:	.00	Misc:	.00	Total:	7749.03		
Sublt:	-819.34	Supplies:	.00	Change:	.00		

Signed _____ Date _____



CONSOLIDATED
Oil Well Services, LLC

261577

TICKET NUMBER 38026

LOCATION Osage, KS

FOREMAN Serry Y

Fuzzy

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

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8-20-13	6285	Deines #1	18	15	25	Truesd
CUSTOMER Polemno Petroleum			UTICA			
MAILING ADDRESS			1/2 E			
CITY			8 N			
STATE			G+S			
ZIP CODE			IN			
TRUCK #	DRIVER	TRUCK #	DRIVER			
399	Serry Y					
529	Dane R					
	Dustin					

JOB TYPE Port Collar HOLE SIZE _____ HOLE DEPTH _____ CASING SIZE & WEIGHT 5 1/2
 CASING DEPTH _____ DRILL PIPE _____ TUBING 2 7/8 OTHER D-Collar P 1842
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT 10.68 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting on Express Well Service. Rig up and Test
closed tool @ 1000' open Tool establish circulation. Mix 295sks
60/40 8% gel 1 1/4" flo seal. Displace 10 BBL. Close Port Collar
press to 1000'. Run 5 Jts reverse to clean with 30 BBLs
Total 295sks 60/40 8% gel 1 1/4" flo seal

Thanks Fuzzy & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	1785.00	1785.00
5406	35 miles	MILEAGE	525	183.75
5407A	12.7 ton	Tow Mileage Delivery	175	2217.75
1131	295sks	60/40 pos	15.86	4678.30
118B	2030 #	Bentonite	.27	548.10
1107	74 #	Slowsol	2.92	215.28
		sub total		8193.38
		less 10%o		819.34
		sub total		7374.04

completed

Revin 3737

AUTHORIZATION Blair Durbel

TITLE _____

DATE _____

SALES TAX ESTIMATED TOTAL 374.99
7749.03

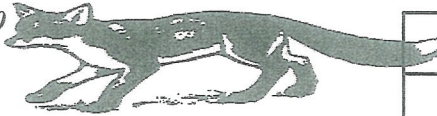
I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

SWIFT



Services, Inc.

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



Invoice

DATE	INVOICE #
8/14/2013	24598

RECEIVED

AUG 17 2013

- Acidizing
- Cement
- Tool Rental

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

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1	Deines	Trego	WW Drilling Rig ...	Oil	Development	5-1/2" LongString	Jason
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				40	Miles	6.00	240.00
578D-L	Pump Charge - Long String				1	Job	1,500.00	1,500.00
402-5	5 1/2" Centralizer				1	Each	70.00	70.00T
403-5	5 1/2" Cement Basket				3	Each	285.00	855.00T
404-5	5 1/2" Port Collar - 1844 Feet				1	Each	2,650.00	2,650.00T
405-5	5 1/2" Formation Packer Shoe				1	Each	1,650.00	1,650.00T
406-5	5 1/2" Latch Down Plug & Baffle				1	Each	275.00	275.00T
409-5	5 1/2" Turbolizer				12	Each	90.00	1,080.00T
281	Mud Flush				500	Gallon(s)	1.25	625.00T
221	Liquid KCL (Clayfix)				4	Gallon(s)	25.00	100.00T
276	Flocele				75	Lb(s)	2.00	150.00T
283	Salt				650	Lb(s)	0.20	130.00T
284	Calseal				6	Sack(s)	35.00	210.00T
285	CFR-1				60	Lb(s)	4.00	240.00T
290	D-Air				3	Gallon(s)	42.00	126.00T
325	Standard Cement				125	Sacks	14.00	1,750.00T
330	Swift Multi-Density Standard (MIDCON II)				150	Sacks	17.00	2,550.00T
581D	Service Charge Cement				275	Sacks	2.00	550.00
583D	Drayage				561.5	Ton Miles	1.00	561.50
	Subtotal							15,312.50
	Sales Tax Trego County						7.65%	953.27

We Appreciate Your Business!

Total

\$16,265.77



Services, Inc.

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

TICKET No. 24598

PAGE 1 OF 2

1. SERVICE LOCATION: Ness City, KS
 WELL/PROJECT NO.:
 LEASE: DENNES #1
 COUNTY/PARISH: TREGO
 STATE: UTICHA, KS
 DATE: 14 AUG 13
 OWNER:
 2. TICKET TYPE: SERVICE CONTRACTOR: WWD DRILLING RIG # 10
 RIG NAME NO.:
 ORDER NO.:
 3. SALES: WELL TYPE: OIL
 WELL CATEGORY: DEVELOPMENT
 JOB PURPOSE: SALVAGE STRIKES
 WELL PERMIT NO.:
 4. REFERRAL LOCATION: INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT		AMOUNT
		LOC	ACCT	DE		QTY.	UM	QTY.	UM	
575					MILEAGE #115	40	mi			240.00
578					PUMP CHANGE	1	JOB			1500.00
402					CENTRALIZERS	1	EA			70.00
403					CEMENT BASKETS	3	BA			285.00
404					PORT COLLAR	1	EA	1844	ft	21650.00
405					FORMATION PACKER SHOE	1	EA			1650.00
406					LATCH DOWN PLUG & BARGE	1	EA			275.00
409					TURBIDERS	12	EA			90.00
281					MUD FLUSA	500	gal			1.00
221					AIDUID REL	2	gal			25.00

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

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

DATE SIGNED: 14 AUG 13
 TIME SIGNED: 12:05 PM

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? YES NO

WE UNDERSTOOD AND MET YOUR NEEDS? YES NO

OUR SERVICE WAS PERFORMED WITHOUT DELAY? YES NO

WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? YES NO

ARE YOU SATISFIED WITH OUR SERVICE? YES NO

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL	1	9045.00
TOTAL	2	10267.50
Subtotal		15312.50
Tax		953.20
TOTAL		16,265.70

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES: [Signature]

Approval: [Signature]

Thank You.



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

TICKET CONTINUATION

CUSTOMER: *Palmer Petroleum*

WELL: *Deines A 1*

DATE: *4/11/13* PAGE: *2* OF *2*

TICKET No. *24598*

PRICE REFERENCE	SECONDARY REFERENCE/PART NUMBER	ACCOUNTING		TIME	DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT								
<i>276</i>					<i>FLOECE</i>	<i>75</i>	<i>lbs</i>			<i>2.00</i>	<i>150.00</i>
<i>283</i>					<i>SALT</i>	<i>1050</i>	<i>lbs</i>			<i>0.12</i>	<i>130.00</i>
<i>284</i>					<i>CAISCAL</i>	<i>105x</i>				<i>35.00</i>	<i>3675.00</i>
<i>285</i>					<i>CFR-1</i>	<i>100</i>	<i>lbs</i>			<i>2.40</i>	<i>240.00</i>
<i>290</i>					<i>D,AIR</i>	<i>3</i>	<i>pc</i>			<i>42.00</i>	<i>126.00</i>
<i>325</i>					<i>STANDARD CEMENT EA-2</i>	<i>125</i>	<i>bx</i>			<i>14.00</i>	<i>1750.00</i>
<i>330</i>					<i>SMD CEMENT</i>	<i>150</i>	<i>bx</i>			<i>17.00</i>	<i>2550.00</i>
<i>581</i>					<i>SERVICE CHARGE</i>		<i>CUBIC FEET</i>	<i>275</i>	<i>bx</i>	<i>2.00</i>	<i>550.00</i>
<i>583</i>					<i>MILEAGE CHARGE</i>		<i>TON MILES</i>	<i>561</i>	<i>mi</i>	<i>1.00</i>	<i>561.00</i>

CONTINUATION TOTAL *60267.50*

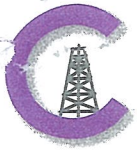
JOB LOG

SWIFT Services, Inc.

DATE 7/4 AUG 13 PAGE NO.

CUSTOMER PALMINDO PETROLEUM WELL NO. LEASE DEINES #1 JOB TYPE 52 LONGSTRING TICKET NO. 24598

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0600							ON LOCATION
	1205							START PIPE 5 1/2 - 15.5 # KID @ 4812 SET @ 4690 SHOE JT. 33.15 NEUTRALIZERS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 67 BASKETS 2, 3, 68 PORT COLLAR #68 @ 1844
	1218				7		1200	SET PACKER SAGE - CIRCULATE
	1435	6	12		7		300	Pump 500 gal MUD FLUSH
	1437	6	20		7		300	Pump 20 BBL KCL FLUSH
	1441		7					PLUG RH - 30 SX
	1444	4	44		7			MIX 120 SX SMD
		4	30		7			MIX 125 SX EA-2
	1513							WASH OUT PUMP & LINES
	1516	6			7			START DISPLACING PLUG
	1540	Ø	111		7		1500	PLUG DOWN LATCH PLUG IN
	1543							RELEASE PSI - DRY
	1545							WASH TRUCK
	1615							JOB COMPLETE THANKS #115 JASON JEFF ISAAC



CONSOLIDATE
Oil Well Services, LLC

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

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

RECEIVED
AUG 19 2013

INVOICE Invoice # 261170
=====

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

DEINES #1
38066
18-15S-25
08-07-2013
KS

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

Sublet Performed	Description	Total
9996-130	CEMENT MATERIAL DISCOUNT	-358.16
9995-130	CEMENT EQUIPMENT DISCOUNT	-180.90

Description	Hours	Unit Price	Total
463 CEMENT PUMP (SURFACE)	1.00	1150.00	1150.00
463 EQUIPMENT MILEAGE (ONE WAY)	35.00	5.25	183.75
466 TON MILEAGE DELIVERY	1.00	475.30	475.30

Amount Due 5664.59 if paid after 09/15/2013

Parts:	3581.55	Freight:	.00	Tax:	246.59	AR	5098.13
Labor:	.00	Misc:	.00	Total:	5098.13		
Sublt:	-539.06	Supplies:	.00	Change:	.00		

Signed _____ Date _____



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

261170

TICKET NUMBER 38066
LOCATION Dakley, Ks.
FOREMAN Darren - Kelly

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8/7/13	6285	Deines #1	18	155	25	Trego

CUSTOMER	TRUCK #	DRIVER	TRUCK #	DRIVER
Polomino Petroleum Inc	463	Corey		
	466	Jordan		
		Steve		

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH TD 217.8' CASING SIZE & WEIGHT 8 5/8 24"
 CASING DEPTH 217.89 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.8 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 20'
 DISPLACEMENT 12.60 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety Meeting Rigged up on WW-10 Hooked up to Circulate
mix 165 sks Com 3 1/2 cc 2% Gel Displace with Water
Cement Did Circulate

*Thank Darren - Kelly
& Crew*

Approx 7 bbl To Pit

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401 S	1	PUMP CHARGE	\$ 1150.00	\$ 1150.00 ✓
5406	35	MILEAGE	\$ 5.25	\$ 183.75 ✓
5407 A	7.76	Ton Mileage Delivery	\$ 11.75	\$ 475.30 ✓
1104 S	165	Class A Cement	\$ 18.55	\$ 3060.75 ✓
1102	465	Calcium Chloride	\$.94	\$ 437.10 ✓
1118 B	310	Bentonite	\$.27	\$ 83.70 ✓
			Sub Total	\$ 5390.60 ✓
			Less 10%	\$ 539.06 ✓
			Sub Total	\$ 4851.54 ✓
			SALES TAX	246.59 ✓
			ESTIMATED TOTAL	5098.13 ✓

completed

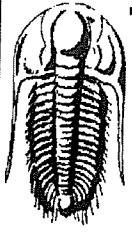
Revin 3737

AUTHORIZATION

TITLE T.D.

DATE 8-9-13

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.



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum
 4924 SE 84th st
 Newton, KS 67114
 ATTN: Nick Gerstner

18-15-25 Trego, Ks

Deines #1

Job Ticket: 53198

DST#: 1

Test Start: 2013.08.12 @ 18:54:26

GENERAL INFORMATION:

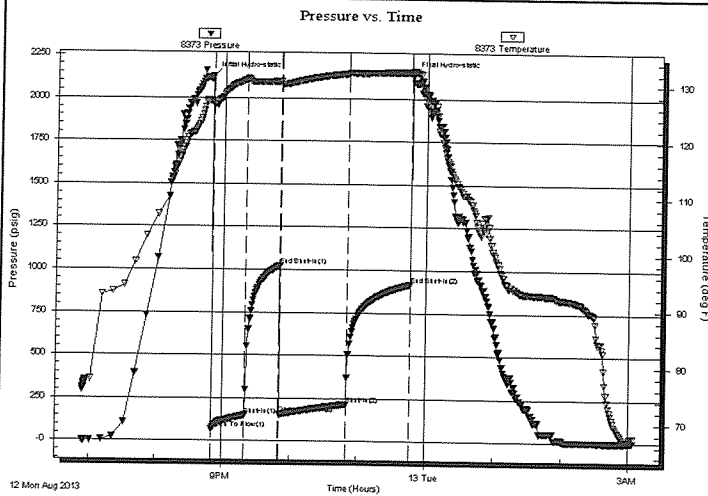
Formation: **Miss**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 20:49:56
 Time Test Ended: 03:03:56
 Interval: **4256.00 ft (KB) To 4355.00 ft (KB) (TVD)**
 Total Depth: 4419.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Brandon Turley
 Unit No: 60
 Reference Elevations: 2397.00 ft (KB)
 2392.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8373

Inside

Press@RunDepth: 217.05 psig @ 4257.00 ft (KB)
 Start Date: 2013.08.12 End Date: 2013.08.13
 Start Time: 18:54:31 End Time: 03:03:55
 Capacity: 8000.00 psig
 Last Calib.: 2013.08.13
 Time On Btm: 2013.08.12 @ 20:49:26
 Time Off Btm: 2013.08.12 @ 23:47:26

TEST COMMENT: IF: 1/4 blow built to 9 1/2
 IS: No return.
 FF: BOB in 44 min.
 FS: No return.



PRESSURE SUMMARY

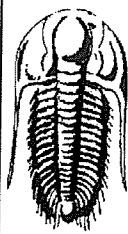
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2127.68	127.11	Initial Hydro-static
1	67.69	126.45	Open To Flow (1)
31	150.96	131.04	Shut-In(1)
61	1023.51	130.63	End Shut-In(1)
62	157.21	130.27	Open To Flow (2)
121	217.05	132.07	Shut-In(2)
177	916.59	132.33	End Shut-In(2)
178	2134.66	132.64	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	ocm 5%o 95%m	0.30
124.00	ocm 20%o 80%m	1.18
155.00	mco 60%o 40%m	2.17
41.00	oil 100%o	0.58

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum

18-15-25 Trego, Ks

4924 SE 84th st
New ton, KS 67114

Deines #1

Job Ticket: 53198

DST#: 1

ATTN: Nick Gerstner

Test Start: 2013.08.12 @ 18:54:26

GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:49:56

Time Test Ended: 03:03:56

Test Type: Conventional Bottom Hole (Initial)

Tester: Brandon Turley

Unit No: 60

Interval: **4256.00 ft (KB) To 4355.00 ft (KB) (TVD)**

Total Depth: 4419.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2397.00 ft (KB)

2392.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8645 Below (Straddle)

Press@RunDepth: psig @ 4357.00 ft (KB)

Start Date: 2013.08.12

End Date:

2013.08.13

Capacity: 8000.00 psig

Last Calib.:

2013.08.13

Start Time: 18:54:51

End Time:

03:02:15

Time On Btm:

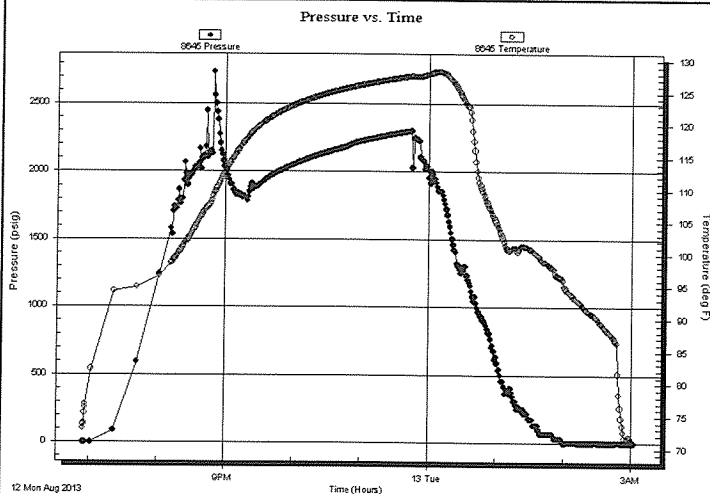
Time Off Btm:

TEST COMMENT: IF: 1/4 blow built to 9 1/2

IS: No return.

FF: BOB in 44 min.

FS: No return.



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
62.00	ocm 5%o 95% m	0.30
124.00	ocm 20%o 80% m	1.18
155.00	mco 60%o 40% m	2.17
41.00	oil 100%o	0.58

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum

18-15-25 Trego, Ks

4924 SE 84th st
New ton, KS 67114

Deines #1

Job Ticket: 53198

DST#: 1

ATTN: Nick Gerstner

Test Start: 2013.08.12 @ 18:54:26

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

38 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	ocm 5%o 95%m	0.305
124.00	ocm 20%o 80%m	1.184
155.00	mco 60%o 40%m	2.174
41.00	oil 100%o	0.575

Total Length:

382.00 ft

Total Volume:

4.238 bbl

Num Fluid Samples: 0

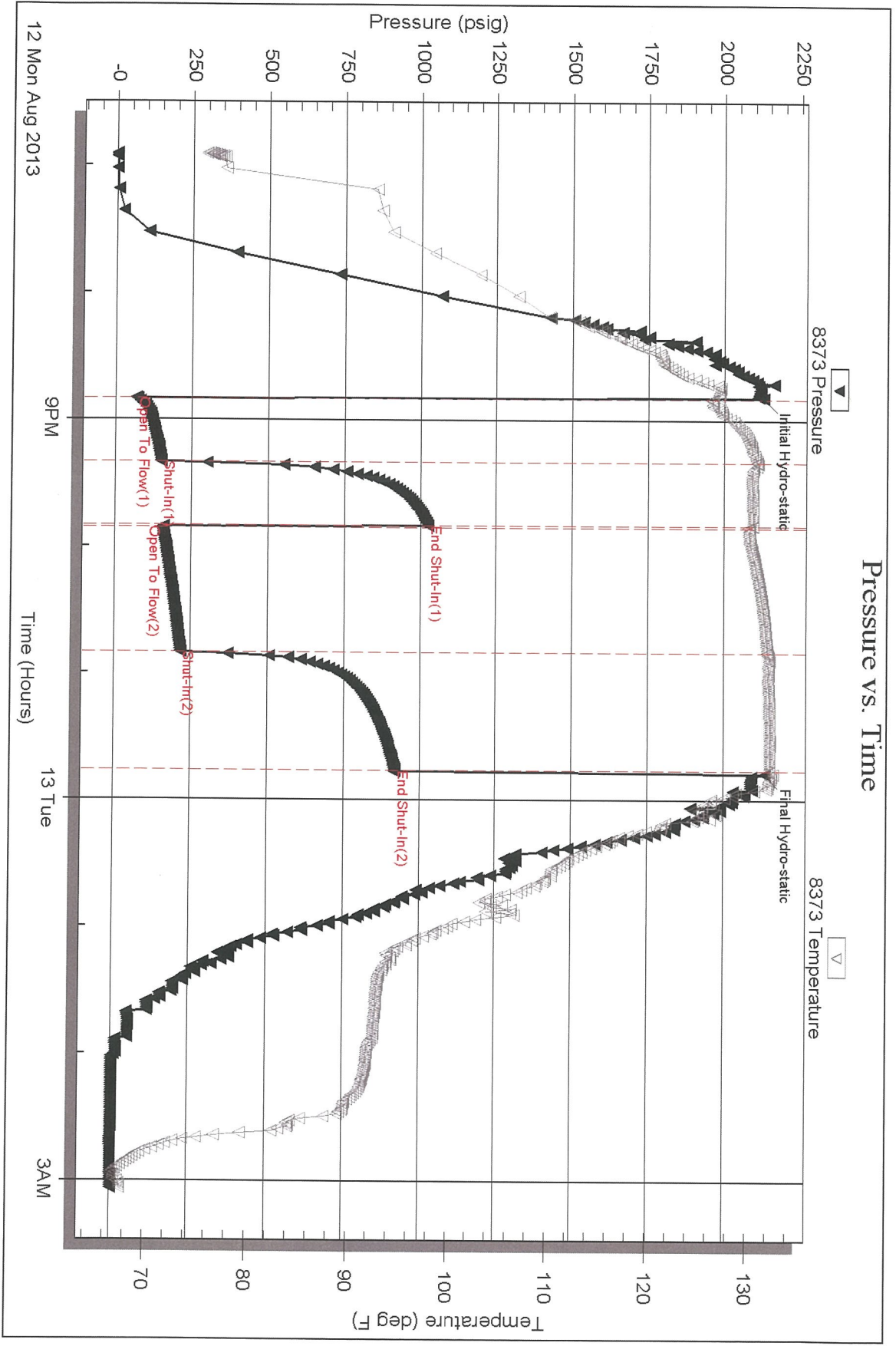
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 39@70=38



Serial #: 8645

Below (Strat) Petroleum

Deines #1

DST Test Number: 1

