



KANSAS CORPORATION COMMISSION 1146210
OIL & GAS CONSERVATION DIVISION

Form ACO-1

June 2009

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
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- 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

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total 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

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1146210

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

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

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
---	---

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
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

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> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
--	---	---

Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	Cutshaw-Lee 1
Doc ID	1146210

Tops

Name	Top	Datum
Anhy.	3107	(+ 314)
Base Anhy.	3144	(+ 277)
Tarkio	3933	(- 512)
Howard	3985	(- 564)
Topeka	4072	(- 651)
Heebner	4247	(- 826)
Toronto	4287	(- 866)
Lansing	4306	(- 885)
Stark	4503	(-1082)
Hushpuckney	4538	(-1117)
BKC	4581	(-1160)
Marmaton	4604	(-1183)
Pawnee	4680	(-1259)
Cherokee Sh.	4773	(-1352)
Cherokee Sd.	4830	(-1409)
Miss. Ls.	4940	(-1519)
LTD	4995	(-1574)



CONSOLIDATED
Oil Well Services, LLC

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

RECEIVED

APR 18 2013

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

INVOICE

Invoice # 258026

Invoice Date: 04/15/2013 Terms: 10/10/30,n/30

Page 1

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

CUTSHAW-LEE #1
39430
1-6-37
04-09-2013
KS

Part Number	Description	Qty	Unit Price	Total
1131	60/40 POZ MIX	205.00	15.1000	3095.50
1118B	PREMIUM GEL / BENTONITE	705.00	.2500	176.25
1107	FLO-SEAL (25#)	51.00	2.8200	143.82

Sublet Performed	Description	Total
9996-130	CEMENT MATERIAL DISCOUNT	-341.56
9995-130	CEMENT EQUIPMENT DISCOUNT	-231.40

Description	Hours	Unit Price	Total
405 P & A NEW WELL	1.00	1325.00	1325.00
405 EQUIPMENT MILEAGE (ONE WAY)	50.00	5.00	250.00
460 TON MILEAGE DELIVERY	1.00	739.00	739.00

Amount Due 6021.61 if paid after 05/15/2013

Parts:	3415.57	Freight:	.00	Tax:	262.84	AR	5419.45
Labor:	.00	Misc:	.00	Total:	5419.45		
Sublt:	-572.96	Supplies:	.00	Change:	.00		

Signed _____ Date _____

BARTLESVILLE, OK 918/338-0808 EL DORADO, KS 316/322-7022 EUREKA, KS 620/583-7664 PONCA CITY, OK 580/762-2303 OAKLEY, KS 785/672-8822 OTTAWA, KS 785/242-4044 THAYER, KS 620/839-5269 GILLETTE, WY 307/686-4914 CUSHING, OK 918/225-2650



CONSOLIDATED
Oil Well Services, LLC

258026

TICKET NUMBER 39430

LOCATION Oakley, KS

FOREMAN M. Shaw

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												
4-9-13	6285	Cutshaw-1-0-1	1	605	37W	Sherman												
CUSTOMER Palomina Petroleum			<table border="1"> <thead> <tr> <th>TRUCK #</th> <th>DRIVER</th> <th>TRUCK #</th> <th>DRIVER</th> </tr> </thead> <tbody> <tr> <td>405</td> <td>Sam Y</td> <td></td> <td></td> </tr> <tr> <td>460</td> <td>Tim W</td> <td></td> <td></td> </tr> </tbody> </table>				TRUCK #	DRIVER	TRUCK #	DRIVER	405	Sam Y			460	Tim W		
TRUCK #	DRIVER	TRUCK #					DRIVER											
405	Sam Y																	
460	Tim W																	
MAILING ADDRESS																		
CITY	STATE	ZIP CODE																

JOB TYPE PTA HOLE SIZE 7 7/8 HOLE DEPTH 4993 CASING SIZE & WEIGHT _____
 CASING DEPTH _____ DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 1.40 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting and rig upon work. string #10 plus as ordered
1st 255SKS @ 3/40'
2nd 1005SKS @ 2/166'
3rd 405SKS @ 480' 205 SKS 600/40 no. 2 4 1/2 gal 1/4" Plug seal
Top 105SKS @ 40' W/6.000 Plug
RH 305SKS

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5405N		PUMP CHARGE	1325 ⁰⁰	1325 ⁰⁰
5406	50	MILEAGE	5.00	250 ⁰⁰
5407A	8.85 Tons	Ton. base delivery	1.67	739.00
1131	205 SKS	Port. base cement	15.10	3095.50
1118B	705 #	Ben. base sol	.25	176.25
1107	51 #	Plug seal	2.82	143.82
		Subtotal		5729.57
		Loss 10% discount		572.96
		Subtotal		5156.61
		SALES TAX		262.84
		ESTIMATED TOTAL		5419.45

completed

Ravin 3737

AUTHORIZATION [Signature]

TITLE Tip

DATE 4-9-13

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.



CONSOLIDATED
Oil Well Services, LLC

RECEIVED

APR 11 2013

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

INVOICE

Invoice # 257808

Invoice Date: 04/09/2013 Terms: 10/10/30,n/30 Page 1

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

CUTSHAW-LEE #1
39364
1-6-37
04-01-2013
KS

Part Number	Description	Qty	Unit Price	Total
1104S	CLASS "A" CEMENT (SALE)	285.00	17.6500	5030.25
1102	CALCIUM CHLORIDE (50#)	804.00	.8900	715.56
1118B	PREMIUM GEL / BENTONITE	536.00	.2500	134.00
4432	8 5/8" WOODEN PLUG	1.00	96.0000	96.00
1111	SODIUM CHLORIDE (GRANULA)	100.00	.0000	.00

Sublet Performed	Description	Total
9996-130	CEMENT MATERIAL DISCOUNT	-597.58
9995-130	CEMENT EQUIPMENT DISCOUNT	-245.40

Description	Hours	Unit Price	Total
463 CEMENT PUMP (SURFACE)	1.00	1085.00	1085.00
463 EQUIPMENT MILEAGE (ONE WAY)	50.00	5.00	250.00
693 TON MILEAGE DELIVERY	1.00	1119.00	1119.00

Amount Due 8940.75 if paid after 05/09/2013

Parts:	5975.81	Freight:	.00	Tax:	459.85	AR	8046.68
Labor:	.00	Misc:	.00	Total:	8046.68		
Sublt:	-842.98	Supplies:	.00	Change:	.00		

Signed _____

Date _____



257808

TICKET NUMBER 39364

LOCATION Oakley KS

FOREMAN Fuzz4

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

FIELD TICKET & TREATMENT REPORT
CEMENT

KS

Table with columns: DATE, CUSTOMER #, WELL NAME & NUMBER, SECTION, TOWNSHIP, RANGE, COUNTY. Includes customer details for Palomino Petroleum and driver information for Travis W, Jordan L, and Jack J.

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 429' CASING SIZE & WEIGHT 8 5/8
CASING DEPTH 429' DRILL PIPE TUBING OTHER
SLURRY WEIGHT 14.7 SLURRY VOL 1.36 WATER gal/sk 6.5 CEMENT LEFT in CASING 20'
DISPLACEMENT 26 DISPLACEMENT PSI MIX PSI RATE

REMARKS: Safety meeting on w-w*10 Rig up and circulate. Mix 285 sks Class 'A' 390cc, 2 90gal. Drop plug and displace 26 BALS and shut in. Cement did circulate approx 8 BALS to pit.

Thanks Fuzz4 & Crew

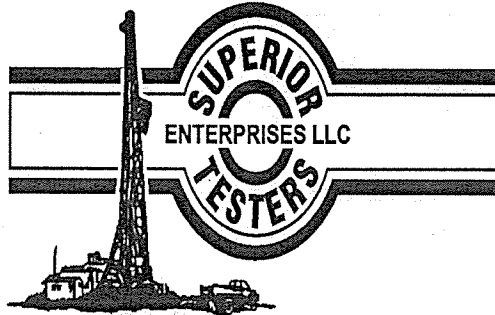
Table with columns: ACCOUNT CODE, QUANTITY or UNITS, DESCRIPTION of SERVICES or PRODUCT, UNIT PRICE, TOTAL. Includes entries for Pump Charge, Mileage, Class 'A' cement, Calcium chloride, Bentonite, and wood cup plug.

SALES TAX 459.85
ESTIMATED TOTAL 8046.68

AUTHORIZATION TITLE T.O.P DATE 4-1-13

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.

Ravin 3737



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th Street
Newton Kansas, 67114-8827

ATTN: Kevin Bailey

Cutshaw-Lee #1

1-6s-37w/Sherman

Start Date: 2013.04.04 @ 03:35:00

End Date: 2013.04.04 @ 09:17:00

Job Ticket #: 17565 DST #: 1

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2013.04.04 @ 21:35:17

Palomino Petroleum

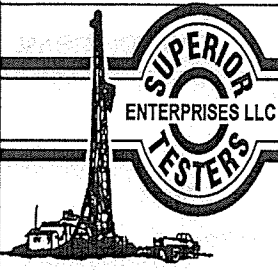
1-6s-37w/Sherman

Cutshaw-Lee #1

DST # 1

Tarkio

2013.04.04



DRILL STEM TEST REPORT

Palomino Petroleum
 4924 SE 84th Street
 Newton Kansas, 67114-8827
 ATTN: Kevin Bailey

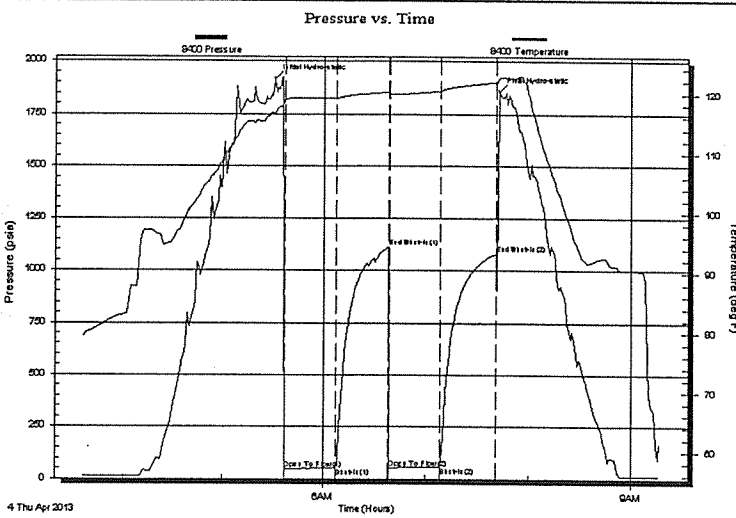
1-6s-37w/Sherman
Cutshaw-Lee #1
 Job Ticket: 17565 **DST#: 1**
 Test Start: 2013.04.04 @ 03:35:00

GENERAL INFORMATION:

Formation: **Tarkio**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 05:37:30
 Time Test Ended: 09:17:00
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Shane Konzern
 Unit No: 3330/Scott City
 Interval: **3895.00 ft (KB) To 3932.00 ft (KB) (TVD)**
 Total Depth: 3932.00 ft (KB) (TVD)
 Reference Elevations: 3420.00 ft (KB)
 3416.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 KB to GR/CF: 4.00 ft

Serial #: 8400 Outside
 Press@RunDepth: 1079.70 psia @ 3929.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2013.04.04 End Date: 2013.04.04 Last Calib.: 2013.04.04
 Start Time: 03:35:00 End Time: 09:16:30 Time On Btm: 2013.04.04 @ 05:31:30
 Time Off Btm: 2013.04.04 @ 07:42:30

TEST COMMENT: 1st Open/ 30 Minutes. Weak surface blow.
 1st shut In/ 30 Minutes. No blow back.
 2nd Open/ 30 Minutes Weak surface blow.
 2nd Shut In/ 30 Minutes. No blow back.



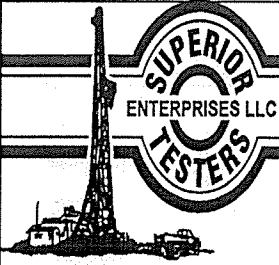
PRESSURE SUMMARY			
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1916.43	116.73	Initial Hydro-static
6	47.31	119.03	Open To Flow (1)
36	51.19	119.19	Shut-In(1)
67	1110.89	120.24	End Shut-In(1)
67	52.67	119.87	Open To Flow (2)
97	55.58	120.49	Shut-In(2)
130	1079.70	122.00	End Shut-In(2)
131	1859.35	122.58	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	100% mud	0.04

Gas Rates

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



DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum
4924 SE 84th Street
New ton Kansas, 67114-8827
ATTN: Kevin Bailey

1-6s-37w/Sherman
Cutshaw-Lee #1
Job Ticket: 17565 **DST#: 1**
Test Start: 2013.04.04 @ 03:35:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 57.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.39 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 2000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	100% mud	0.037

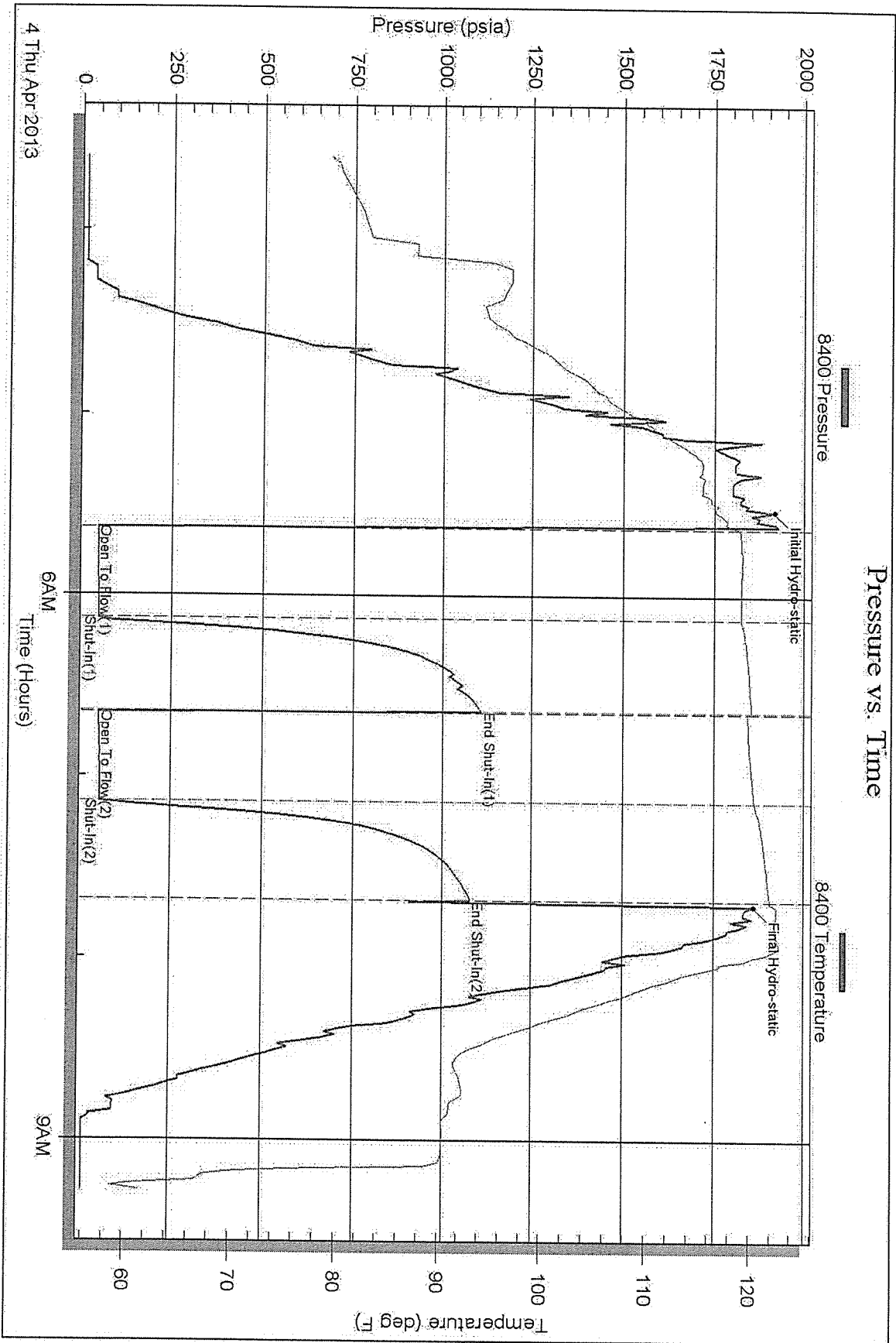
Total Length: 5.00 ft Total Volume: 0.037 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 8400

Outside: Palomino Petroleum

Outshaw-Lee #1

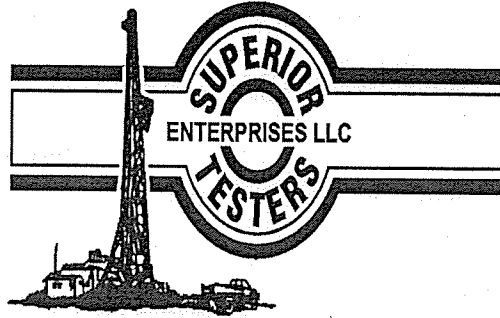
DST Test Number: 1



Superior Testers Enterprises, LLC

Ref. No: 17565

Printed: 2013:04:04 @ 21:35:18



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**
4924 SE 84th Street
Newton Kansas, 67114-8827

ATTN: Kevin Bailey

Cutshaw-Lee #1

1-6s-37w/Sherman

Start Date: 2013.04.07 @ 01:30:00

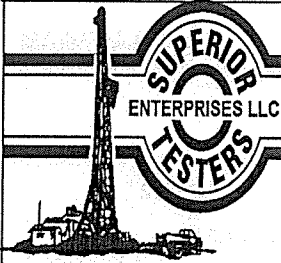
End Date: 2013.04.07 @ 00:00:00

Job Ticket #: 17566 DST #: 2

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2013.04.12 @ 14:55:17

Palomino Petroleum 1-6s-37w/Sherman Cutshaw-Lee #1 DST # 2 Marmaton/Pawnee 2013.04.07



DRILL STEM TEST REPORT

Palomino Petroleum
 4924 SE 84th Street
 Newton Kansas, 67114-8827
 ATTN: Kevin Bailey

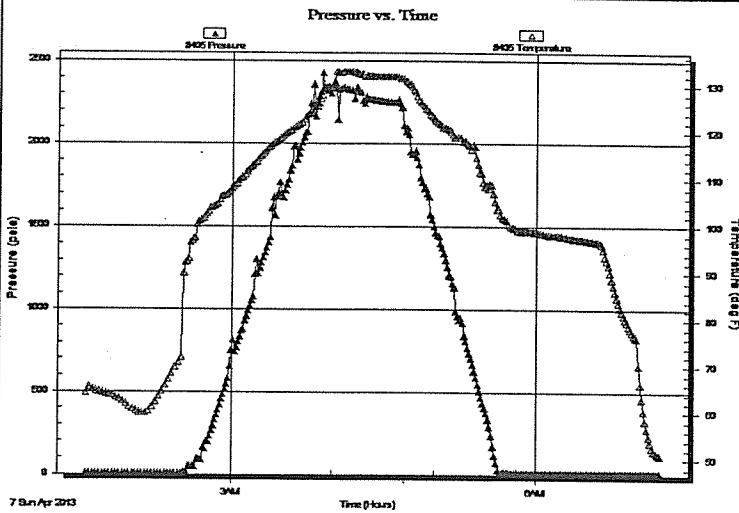
1-6s-37w/Sherman
Cutshaw-Lee #1
 Job Ticket: 17566 DST#: 2
 Test Start: 2013.04.07 @ 01:30:00

GENERAL INFORMATION:

Formation:	Marmaton/Pawnee				
Deviated:	No	Whipstock:	ft (KB)	Test Type:	Conventional Bottom Hole (Initial)
Time Tool Opened:	00:00:00			Tester:	Shane Konzern
Time Test Ended:	00:00:00			Unit No:	3330/200/Scott City
Interval:	4590.00 ft (KB) To 4715.00 ft (KB) (TVD)			Reference Elevations:	3420.00 ft (KB)
Total Depth:	4715.00 ft (KB) (TVD)				3416.00 ft (CF)
Hole Diameter:	7.88 inches	Hole Condition:	Poor	KB to GRVCF:	4.00 ft

Serial #: 8405	Outside				
Press@RunDepth:	psia @	4711.92 ft (KB)	Capacity:	5000.00 psia	
Start Date:	2013.04.07	End Date:	2013.04.07	Last Calib.:	2013.04.12
Start Time:	01:30:00	End Time:	13:06:00	Time On Btm:	
				Time Off Btm:	

TEST COMMENT: 1st Open/ Packer Failure.



PRESSURE SUMMARY

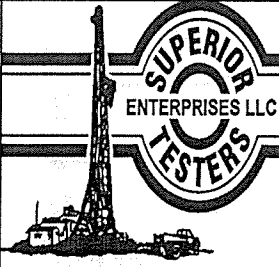
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
240.00	Drilling mud	2.54

Gas Rates

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



DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum
4924 SE 84th Street
New ton Kansas, 67114-8827
ATTN: Kevin Bailey

1-6s-37w/Sherman
Cutshaw-Lee #1
Job Ticket: 17566 DST#: 2
Test Start: 2013.04.07 @ 01:30:00

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	57.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.19 in ³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psia		
Salinity:	4000.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
240.00	Drilling mud	2.538

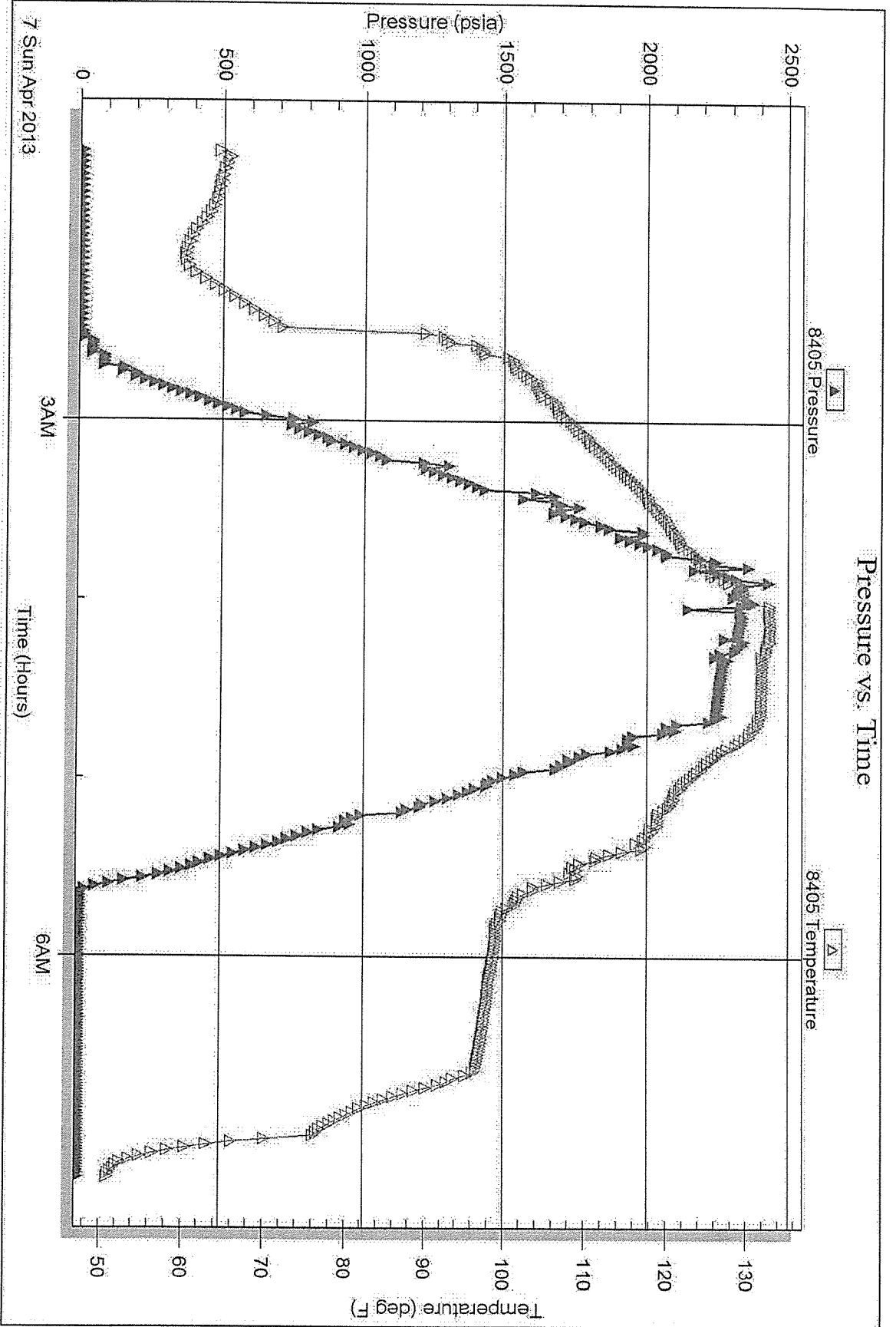
Total Length: 240.00 ft Total Volume: 2.538 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 8405

Outside: Palomino Petroleum

Outshaw - Lee #1

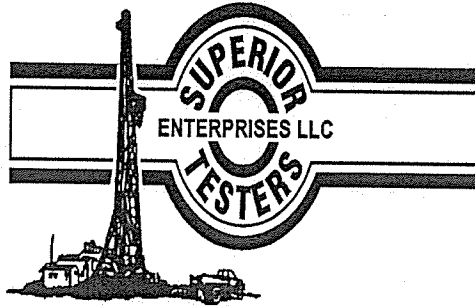
DST Test Number: 2



Superior Testers Enterprises LLC

Ref. No: 17566

Printed: 2013.04.12 @ 14:55:18



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th Street
Newton Kansas, 67114-8827

ATTN: Kevin Bailey

Cutshaw-Lee #1

1-6s-37w/Sherman

Start Date: 2013.04.07 @ 01:30:00

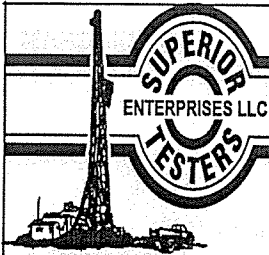
End Date: 2013.04.07 @ 13:06:00

Job Ticket #: 17567 DST #: 3

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2013.04.12 @ 14:36:49

Palomino Petroleum 1-6s-37w/Sherman Cutshaw-Lee #1 DST # 3 Marmaton/ Pawnee 2013.04.07



DRILL STEM TEST REPORT

Palomino Petroleum
 4924 SE 84th Street
 Newton Kansas, 67114-8827
 ATTN: Kevin Bailey

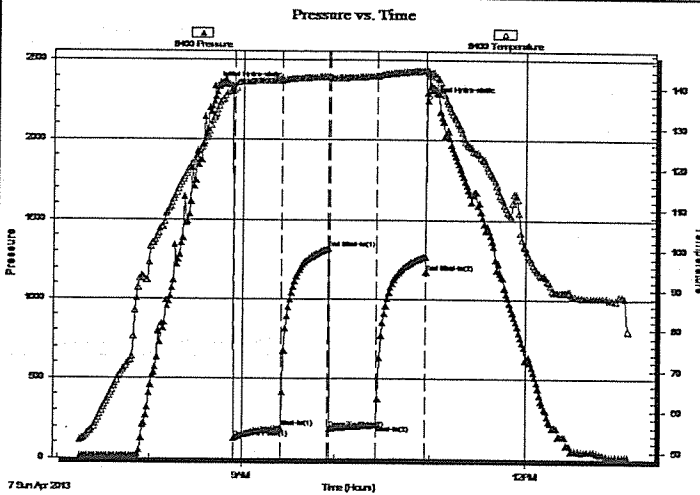
1-6s-37w/Sherman
Cutshaw-Lee #1
 Job Ticket: 17567 DST#: 3
 Test Start: 2013.04.07 @ 01:30:00

GENERAL INFORMATION:

Formation: **Marmaton/ Pawnee**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 08:54:30
 Time Test Ended: 13:06:00
 Interval: **4540.00 ft (KB) To 4715.00 ft (KB) (TVD)**
 Total Depth: **4715.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Poor**
 Test Type: **Conventional Bottom Hole (Initial)**
 Tester: **Shane Konzem**
 Unit No: **3330/200/ Scott City**
 Reference Elevations: **3420.00 ft (KB)**
 3416.00 ft (CF)
 KB to GR/CF: 4.00 ft

Serial #: 8400 Outside
 Press@RunDepth: **1176.63 psia @ 4711.80 ft (KB)** Capacity: **5000.00 psia**
 Start Date: **2013.04.07** End Date: **2013.04.07** Last Calib.: **2013.04.07**
 Start Time: **01:31:00** End Time: **13:06:00** Time On Btm: **2013.04.07 @ 08:42:00**
 13:06:00 Time Off Btm: **2013.04.07 @ 10:58:00**

TEST COMMENT: 1st Open/ 30 Minutes. Weak blow built to 3 inches in a 5 gallon bucket.
 1st Shut In/ 30 Minutes. No blow back.
 2nd Open/ 30 Minutes. Weak blow built to 2.5 inches in a 5 gallon bucket.
 2nd Shut In/ 30 Minutes. No blow back.



PRESSURE SUMMARY

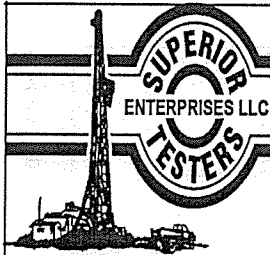
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2335.27	133.04	Initial Hydro-static
13	127.56	139.42	Open To Flow (1)
43	189.61	141.68	Shut-In(1)
73	1319.06	142.76	End Shut-In(1)
74	188.10	142.45	Open To Flow (2)
104	210.39	142.88	Shut-In(2)
135	1176.63	144.20	End Shut-In(2)
136	2247.96	143.77	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Clean Oil	0.04
75.00	Oil cut Mud	0.55
0.00	5% oil 95% mud	0.00
30.00	100% mud	0.22

Gas Rates

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



DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum
 4924 SE 84th Street
 Newton Kansas, 67114-8827
 ATTN: Kevin Bailey

1-6s-37w/Sherman
Cutshaw-Lee #1
 Job Ticket: 17567 DST#: 3
 Test Start: 2013.04.07 @ 01:30:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 57.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.19 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 4000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Clean Oil	0.037
75.00	Oil cut Mud	0.551
0.00	5% oil 95% mud	0.000
30.00	100% mud	0.220

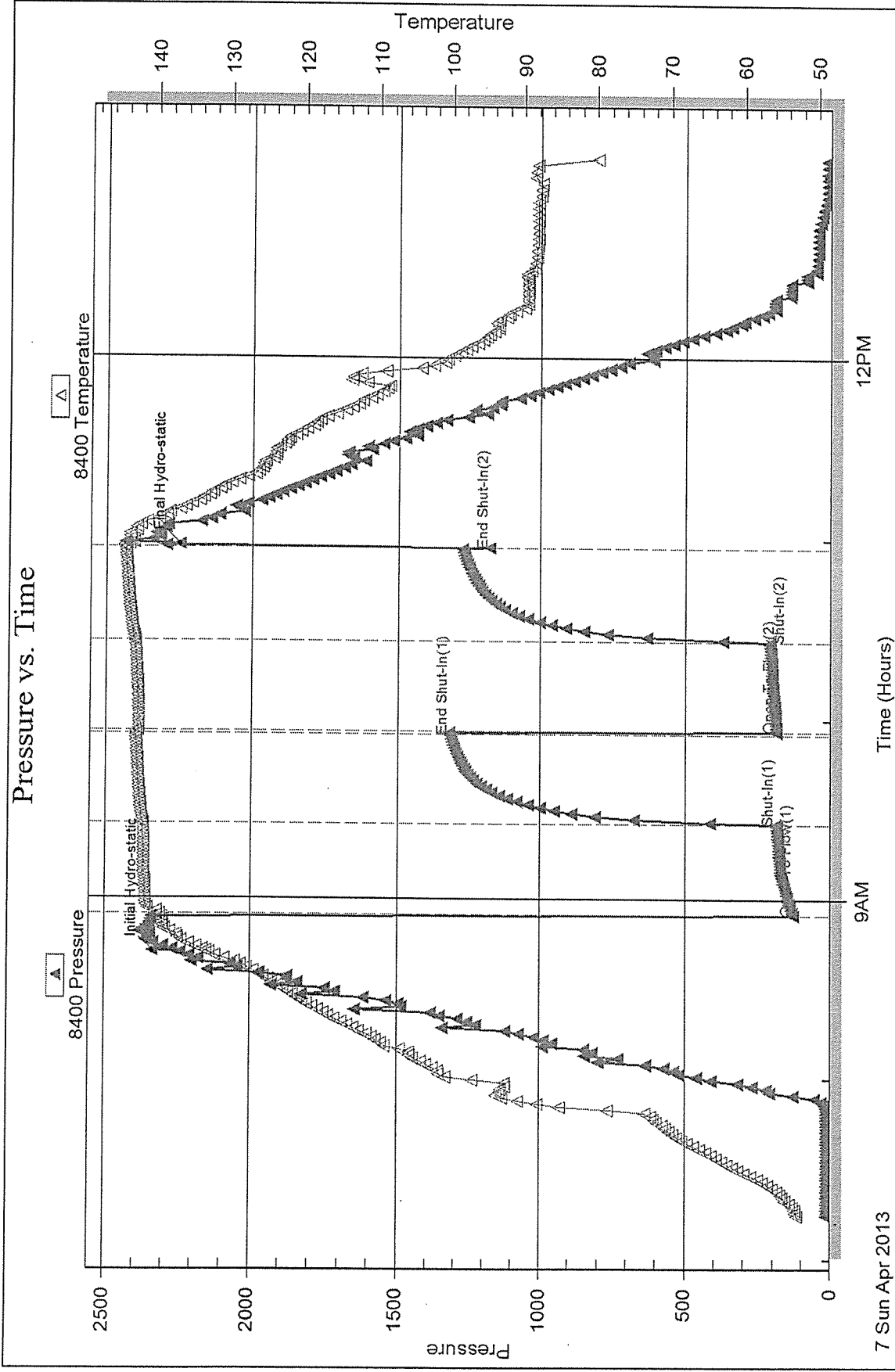
Total Length: 110.00 ft Total Volume: 0.808 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Serial #: 8400

Outside Palomino Petroleum

Cutshaw - Lee #1

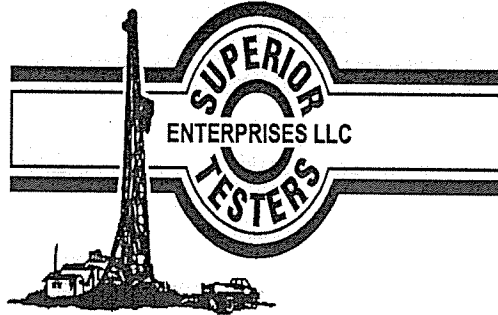
DST Test Number: 3



Ref. No: 17567

Printed: 2013.04.12 @ 14:36:51

Superior Testers Enterprises LLC



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th Street
Newton Kansas, 67114-8827

ATTN: Kevin Bailey

Cutshaw-Lee #1

1-6s-37w/Sherman

Start Date: 2013.04.09 @ 05:20:00

End Date: 2013.04.09 @ 13:30:00

Job Ticket #: 17568 DST #: 4

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2013.04.09 @ 01:53:06

Palomino Petroleum

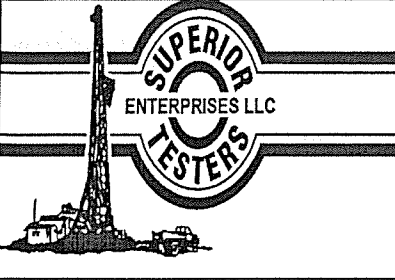
1-6s-37w/Sherman

Cutshaw-Lee #1

DST # 4

KC "H"

2013.04.09



DRILL STEM TEST REPORT

Palomino Petroleum
 4924 SE 84th Street
 Newton Kansas, 67114-8827
 ATTN: Kevin Bailey

1-6s-37w/Sherman
Cutshaw-Lee #1
 Job Ticket: 17568 DST#: 4
 Test Start: 2013.04.09 @ 05:20:00

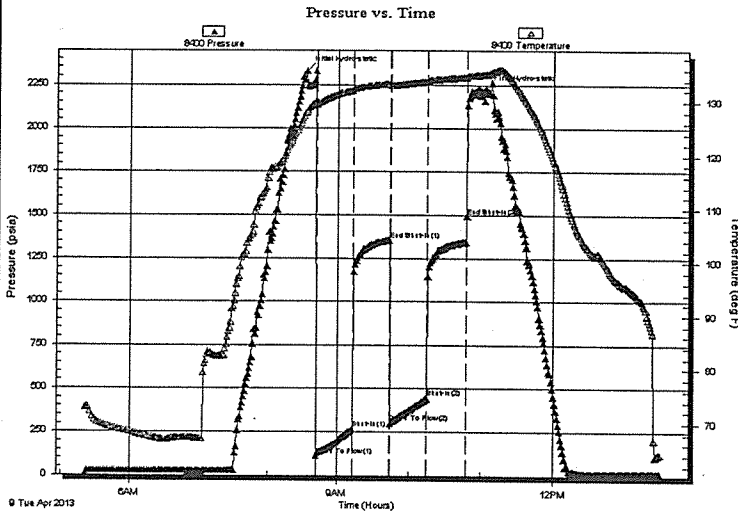
GENERAL INFORMATION:

Formation: **KC "H"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 08:41:30
 Time Test Ended: 13:30:00
 Interval: **4415.00 ft (KB) To 4454.00 ft (KB) (TVD)**
 Total Depth: 4995.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Straddle (Initial)
 Tester: Shane Konzem
 Unit No: 3330/200/Scott City
 Reference Elevations: 3420.00 ft (KB)
 3416.00 ft (CF)
 KB to GR/CF: 4.00 ft

Serial #: 8400 Outside

Press@RunDepth: 1494.46 psia @ 4453.00 ft (KB)
 Start Date: 2013.04.09 End Date: 2013.04.09 Capacity: 5000.00 psia
 Start Time: 05:20:00 End Time: 13:30:30 Last Calib.: 2013.04.09
 Time On Btm: 2013.04.09 @ 08:32:30
 Time Off Btm: 2013.04.09 @ 11:03:30

TEST COMMENT: 1st Open/ 30 Minutes. Good blow built to bottom of 5 gallon bucket in 9 minutes.
 1st Shut In/ 30 Minutes. No blow back.
 2nd Open/ 30 Minutes. Fair blow built to bottom of 5 gallon bucket in 12 minutes.
 2nd Shut In/ 30 Minutes. No blow back.



PRESSURE SUMMARY

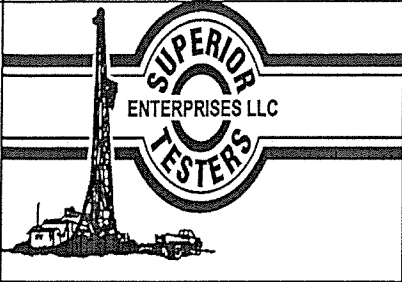
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2326.85	128.26	Initial Hydro-static
9	113.44	129.53	Open To Flow (1)
40	270.93	132.10	Shut-In(1)
71	1353.44	133.40	End Shut-In(1)
72	301.81	133.07	Open To Flow (2)
103	448.47	133.78	Shut-In(2)
136	1494.46	134.67	End Shut-In(2)
151	2223.18	135.07	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	100% mud	0.91
124.00	mud cut w ater	1.74
0.00	10% mud, 90% w ater	0.00
434.00	mud cut w ater	6.09
0.00	5% mud, 95% w ater.	0.00
62.00	w ater cut mud	0.87

Gas Rates

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



DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum
 4924 SE 84th Street
 Newton Kansas, 67114-8827
 ATTN: Kevin Bailey

1-6s-37w/Sherman
Cutshaw-Lee #1
 Job Ticket: 17568 DST#: 4
 Test Start: 2013.04.09 @ 05:20:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 51.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.40 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 4200.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	100% mud	0.911
124.00	mud cut w ater	1.739
0.00	10% mud, 90% w ater	0.000
434.00	mud cut w ater	6.088
0.00	5% mud, 95% w ater.	0.000
62.00	w ater cut mud	0.870
0.00	50% w ater, 50% mud	0.000
62.00	100% mud.	0.870
0.00	Chloride recov 16000 ppm	0.000
0.00	resist recov .21 ohms at 50 degrees	0.000

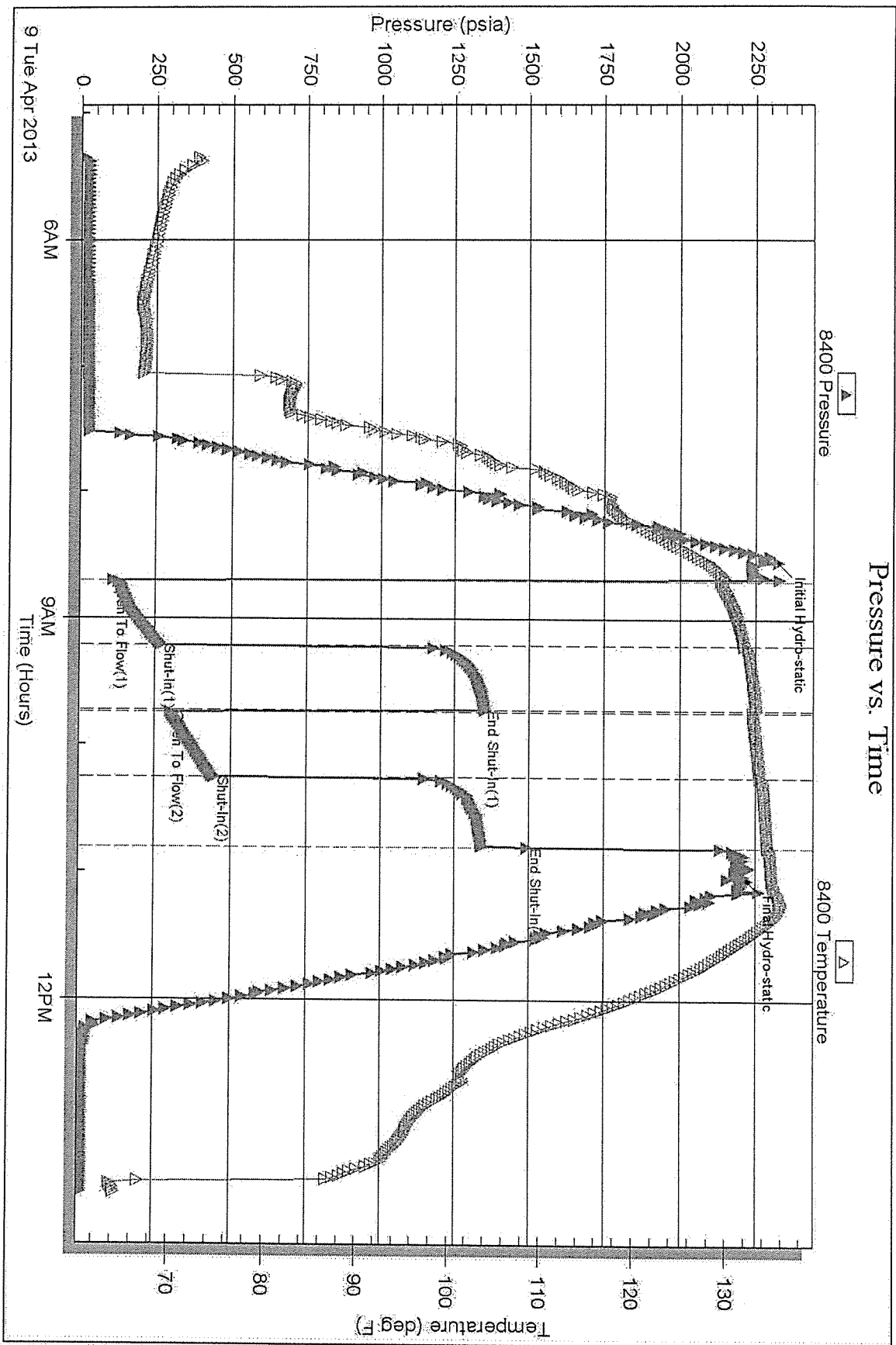
Total Length: 806.00 ft Total Volume: 10.478 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Serial #: 8400

Outside Palomino Petroleum

Outshaw - Lee #1

DST Test Number: 4



Superior Testers Enterprises LLO

Ref. No: 17568

Printed: 2013.04.09 @ 01:53:07