Notice: Fill out COMPLETELY and return to Conservation Division at the address below within 60 days from plugging date.

# **KANSAS CORPORATION COMMISSION**

**OIL & GAS CONSERVATION DIVISION** 

1095224

Form CP-4 March 2009 Type or Print on this Form Form must be Signed All blanks must be Filled

# WELL PLUGGING RECORD K.A.R. 82-3-117

OPERATOR: License #:	API No. 15
Name:	Spot Description:
Address 1:	Sec Twp S. R East West
Address 2:	Feet from North / South Line of Section
City: State: Zip: +	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ( )	NE NW SE SW
Type of Well: (Check one)  Oil Well  Gas Well  OG  D&A  Cathodic    Water Supply Well  Other:  SWD Permit #:  SWD Permit #:  SWD Permit #:    ENHR Permit #:  Gas Storage Permit #:  Gas Storage Permit #:  No    Is ACO-1 filed?  Yes  No  If not, is well log attached?  Yes  No    Producing Formation(s): List All (If needed attach another sheet)	County: Well #: Lease Name: Well #: Date Well Completed: The plugging proposal was approved on: (Date) by: (KCC District Agent's Name) Plugging Commenced: Plugging Completed:

Show depth and thickness of all water, oil and gas formations.

Oil, Gas or Wate	r Records		Casing Record (Surfa	ce, Conductor & Produc	tion)
Formation	Content	Casing	Size	Setting Depth	Pulled Out

Describe in detail the manner in which the well is plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same depth placed from (bottom), to (top) for each plug set.

Plugging Contractor License #:		Name: _			
Address 1:		Address	: 2:		
City:			_ State:	Zip:	+
Phone: ( )			_		
Name of Party Responsible for Plugging F	ees:				
State of	County,		, SS.		
	(Print Name)		Employee of Operator or		
he is a first shift and shift a start of the second The still	In a second second a second se		we have be a sufficient of an alfier law of t	the standard state of a state of the state o	call to an file of some

being first duly sworn on oath, says: That I have knowledge of the facts statements, and matters herein contained, and the log of the above-described well is as filed, and the same are true and correct, so help me God.

#### Submitted Electronically

	(***	<u> </u>	RECEIVED	
CONSOLI Oil Well Serv	Consolidated Oil M.	ell Services, LLC 970 4346	JUL / / LUIL Cha 620/431-9210 • 1	MAIN OFFICE P.O. Box 884 nute, KS 66720 I-800/467-8676 < 620/431-0012
INVOICE			Invoice #	251479
Invoice Date: 07/24	/2012 Terms: 10/10/30,r	/30		age 1
PALOMINO PETROL 4924 SE 84TH ST NEWTON KS 6711 ( ) -	REET	RNGG PARTNERS 36995 27-16-24 07-23-2012 KS	HIP #1	
				=========
Part Number 1104S 1102 1118B	Description CLASS "A" CEMENT (SALE) CALCIUM CHLORIDE (50#) PREMIUM GEL / BENTONITE	Qty 180.00 508.00 338.00	Unit Price 17.6500 .8900 .2500	Total 3177.00 452.12 84.50
Sublet Performed 9996-130 9995-130	Description CEMENT MATERIAL DISCOUNT CEMENT EQUIPMENT DISCOUN			Total -371.36 -159.50
Description 463 CEMENT PUMP (S 463 EQUIPMENT MILE 566 MIN. BULK DELI	AGE (ONE WAY)	Hours 1.00 20.00 1.00	Unit Price 1085.00 5.00 410.00	Total 1085.00 100.00 410.00

Amount Due 5542.57 if paid after 08/23/2012

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Parts:	3713.62	Freight:	.00	Tax:	210.55	AR	4988.31
Labor:	.00	Misc:	.00	Total:	4988.31		
Sublt:	-530.86	Supplies:	.00	Change:	.00		
		=======================================		=======	=======================================		

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	and all the second s			FOREMAN	Joe BLANC	chard
	nanute, KS 66720 FI or 800-467-8676	ELD TICKET & TREA		PORT		
DATE	CUSTOMER # WE	ELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-23-12	6285 RNGG P	artuenship # 1	27	16	24	Ness
CUSTOMER		1	TRUCK #	DRIVER	TRUCK #	
POLOMINC ADDRE	SS		463	Cory D	TROCK#	DRIVER
			566	Cody R		
CITY	STATE	ZIP CODE				
			TH_271_	CASING SIZE & V	NEIGHT <u> </u>	20-25
					OTHER	
			/sk			
			Frend Run			
DB TYPE <u>StyrEace</u> HOLE SIZE <u>12'14</u> HOLE DEPTH <u>271</u> CASING SIZE & WEIGHT <u>878</u> <u>20-26</u> ASING DEPTH <u>266</u> DRILL PIPE TUBING OTHER LURRY WEIGHT <u>15.2</u> SLURRY VOL WATER gal/sk CEMENT LEFT in CASING <u>15'</u> ISPLACEMENT <u>15.666</u> DISPLACEMENT PSI MIX PSI RATE <u>56000 E6</u> EMARKS: <u>Sofery Meetrus</u> , <u>Rig up on Rig Fossel Rig #2 Circulate Casing on</u> ionthom mill 180 class <u>A</u> 3 + 2 Displace <u>15'/2</u> bol <u>H20</u> Shut in APPROX 4 bbl coment to pit						
DOTIO	THE THE CO	DSA DIV	Propries	- 1012	<u>120</u>	NOT IN
		9.28	on i commence and a second			
		APPROX 4661	Coment	to ort		
	and the second			Tha	NK Joe a	FUZZY
ACCOUNT						1
ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION	of SERVICES or PF			TOTAL
CODE SHOIS	<u> </u>	DESCRIPTION O	of SERVICES or PP		UNIT PRICE	TOTAL
соде 5401 <sup>5</sup> 5406	1 20	PUMP CHARGE MILEAGE			UNIT PRICE	TOTAL 108500 10000
соре 5401 <sup>5</sup> 5406 1154 <sup>5</sup>	120	PUMP CHARGE MILEAGE	ut.		UNIT PRICE	TOTAL 108500 10000 317700
CODE 5401 <sup>5</sup> 5406 1154 <sup>5</sup>	1 180545 508#	PUMP CHARGE MILEAGE CIASS X" Como Calsium Chio	ut.		UNIT PRICE	TOTAL 108500 10000 317700 45212
CODE 5401 <sup>5</sup> 5406 1154 <sup>5</sup> 1102 1118 <sup>B</sup>	1 180545 509# 338#	PUMP CHARGE MILEAGE CIASS X" Come Calsium Chio Gel	st vide		UNIT PRICE	TOTAL 108500 10000 317700 45212 8450
CODE 5401 <sup>S</sup> 5406 1154 <sup>5</sup> 1102 1118 <sup>B</sup>	1 180545 508#	PUMP CHARGE MILEAGE CIASS X" Como Calsium Chio	st vide		UNIT PRICE	TOTAL 108500 10000 317700 45212
CODE 5401 <sup>S</sup> 5406 1154 <sup>5</sup> 1102 1118 <sup>B</sup>	1 180545 509# 338#	PUMP CHARGE MILEAGE CIASS X" Come Calsium Chio Gel	st vide		UNIT PRICE	TOTAL 108500 10000 317700 45212 8450
CODE 5401 <sup>S</sup> 5406 1154 <sup>5</sup> 1102 1118 <sup>B</sup>	1 180545 509# 338#	PUMP CHARGE MILEAGE CIASS X" Come Calsium Chio Gel	st vide		UNIT PRICE	TOTAL 108500 10000 317700 45212 8450
CODE 5401 <sup>5</sup> 5406 1154 <sup>5</sup> 1102 1118 <sup>B</sup>	1 180545 509# 338#	PUMP CHARGE MILEAGE CIASS X" Come Calsium Chio Gel	st vide		UNIT PRICE	TOTAL 108500 10000 317700 45212 8450
	1 180545 509# 338#	PUMP CHARGE MILEAGE CIASS X" Come Calsium Chio Gel	st vide belivery	RODUCT	UNIT PRICE 1086 22 522 17 65 • 8 9 • 8 9 • 2 5 1 67	TOTAL 108500 10000 317700 45212 8450 41000
CODE 5401 5 5406 1154 5 1102 1118 B 5407	1 180545 509# 338#	PUMP CHARGE MILEAGE CIASS X" Come Calsium Chio Gel	st vide bolivery 506 7	BTO-	UNIT PRICE 1086 22 522 17 65 • 8 9 • 8 9 • 2 5 1 67	TOTAL 108500 10000 317700 452 <sup>12</sup> 8450 41000
CODE 5401 <sup>5</sup> 5406 1154 <sup>5</sup> 1102 1118 <sup>B</sup>	1 180545 509# 338#	PUMP CHARGE MILEAGE CIASS X" Come Calsium Chio Gel	st vide bolivery Sch 7 Lass10	RODUCT	UNIT PRICE 10862 50 1765 • 89 • 25 167 5302 5302 5302 5302 5302 5302 5302 5302 5302 5302 5302 5302 5302 5302 5302 5302 5302 530 530 530 530 530 530 530 530	TOTAL 108500 1000 1000 152 12 8450 41000 41000 5308
CODE 5401 5 5406 1104 5 1102 1118 B 5407	1 180545 509# 338#	PUMP CHARGE MILEAGE CIASS X" Come Calsium Chio Gel	st vide bolivery Sch 7 Lass10	BTO-	UNIT PRICE 1086 22 522 17 65 • 8 9 • 8 9 • 2 5 1 67	TOTAL 108500 1000 1000 152 12 8450 4100 5308 5308 5308
CODE 5401 5 5406 1104 5 1102 1118 B 5407	1 180545 509# 338#	PUMP CHARGE MILEAGE CIASS X" Come Calsium Chio Gel	st vide bolivery Sch 7 Lass10	RODUCT	UNIT PRICE 10862 50 1765 • 89 • 25 167 5302 5302 5302 5302 5302 5302 5302 5302 5302 5302 5302 5302 5302 5302 5302 5302 5302 530 530 530 530 530 530 530 530	TOTAL 108500 1000 1000 152 12 8450 41000 
CODE 5401 5 5406 1154 5 1102 1118 B 5407	1 180545 509# 338#	PUMP CHARGE MILEAGE CIASS X" Come Calsium Chio Gel	st vide bolivery Sch 7 Lass10	RODUCT	UNIT PRICE 10862 50 1765 • 89 • 25 167 5302 5302 5302 5302 5302 5302 5302 5302 5302 5302 5302 5302 5302 5302 5302 5302 5302 530 530 530 530 530 530 530 530	TOTAL 108500 1000 1000 152 12 8450 41000 41000 5308
CODE 5401 5 5406 1104 5 1102 1118 B 5407	1 180545 509# 338#	PUMP CHARGE MILEAGE CIASS X" Come Calsium Chio Gel	st vide bolivery Sch 7 Lass10	RODUCT	UNIT PRICE 10862 50 1765 • 89 • 25 167 5302 5302 5302 5302 5302 5302 5302 5302 5302 5302 5302 5302 5302 5302 5302 5302 5302 530 530 530 530 530 530 530 530	TOTAL 108500 1000 1000 152 12 8450 41000 5308
CODE 5401 5 5406 1104 5 1102 1118 B 5407	1 180545 509# 338#	PUMP CHARGE MILEAGE CIASS X" Come Calsium Chio Gel	st vide bolivery Sch 7 Lass10	RODUCT	UNIT PRICE 10862 50 1765 • 89 • 25 167 5302 5302 4777 5302 4777 5302 53	TOTAL 108500 1000 1000 152 12 8450 4100 5308
CODE 5401 5 5406 1154 5 1102 1118 B 5407	1 180545 509# 338#	PUMP CHARGE MILEAGE CIASS X" Come Calsium Chilo Gel Tax Milage d	st vide Solivery Sob 7 Lass 10 S	RODUCT	UNIT PRICE 108699 500 1765 • 89 • 89 • 25 167 530867 53087 477775 SALES TAX	TOTAL 108500 1000 1000 152 152 12 8450 41000 5308

AUTHORIZTION <u>RMM & TITLE Tool PUSLer</u> 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

CONSOLI Oil Well Serv	Consolidated Oli Mall	Services, LLC 0 346	AUG II & /UII Char 620/431-9210 • 1	MAIN OFFICE P.O. Box 884 pute, KS 66720 -800/467-8676 620/431-0012
INVOICE ====================================			Invoice #	251712
Invoice Date: 07/31	/2012 Terms: 10/10/30,n/	30		age 1
PALOMINO PETROL 4924 SE 84TH ST NEWTON KS 6711 ( ) -	REET 3 4-8827 2 0	NGG PARTNERS 6731 7-16-24 7-30-2012 KS	HIP #1	
		=================	===================	
Part Number 1131 1118B 1107	Description 60/40 POZ MIX PREMIUM GEL / BENTONITE FLO-SEAL (25#)	280.00	.2500	Total 4228.00 240.75 197.40
Sublet Performed 9996-130 9995-130	Description CEMENT MATERIAL DISCOUNT CEMENT EQUIPMENT DISCOUNT			Total -466.62 -183.50
Description 453 P & A NEW WELL 453 EQUIPMENT MILE 566 MIN. BULK DELI		Hours 1.00 20.00 1.00	5.00	Total 1325.00 100.00 410.00

Amount Due 6795.12 if paid after 08/30/2012

Parts:	4666.15	Freight:	.00	Tax:	264.57	AR	6115.60
Labor:	.00	Misc:	.00	Total:	6115.60		
Sublt:	-650.12	Supplies:	.00	Change:	.00		
	==========				=======================================	= = = = =	

Signed					I	Date	
BARTLESVILLE, OK	EL DORADO, KS	EUREKA, KS	Ponca city, OK	OAKLEY, KS	OTTAWA, KS	THAYER, KS	GILLETTE, WY
918/338-0808	316/322-7022	620/583-7664	580/762-2303	785/672-2227	785/242-4044	620/839-5269	307/686-4914

			TICKET NUMB	ER30	/31
A GONDOCIDATED			LOCATION_C	DAthoy	anna Aldreithean a Malainean an Malainean an Malainean an Mala
Con man services, true >			FOREMAN	FUZZY	
FIELD TICKE	T & TREA	TMENT REP	ORT W		;
PO Box 884, Chanute, KS 66720 FIELD TICKE 620-431-9210 or 800-467-8676	CEMEN		T		KS
DATE CUSTOMER # WELL NAME & NUM		SECTION	TOWNSHIP	RANGE	COUNTY
7.30-12 6285 RN66 Partner	shi 1 +1	27	165	240	NESS
CUSTOMER	RANSON	TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS	Iwww	463	Cory D		
	1200	566	Jordans		
CITY STATE ZIP CODE	Sin				
JOB TYPE PTA HOLE SIZE うつぼ	 HOLE DEPTH	4578	CASING SIZE & W	EIGHT	
CASING DEPTH DRILL PIPE 402	TUBING			OTHER	
SLURRY WEIGHT 14.1 SLURRY VOL 1.40	WATER gal/s	sk 6:7	CEMENT LEFT in	CASING	<u></u>
DISPLACEMENT DISPLACEMENT PSI	MIX PSI		RATE		
REMARKS: Salely meeting on Fos	5.1+2	Ricit	and plu	SASOR	leved
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809×5 @ 1050'	280	545 601	40 400ge	l nut	2105+Al
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50 5 × 5 @ 270'					
20545 C 60'	and the second diversity of the second s				· · · · · · · · · · · · · · · · · · ·
305K5 RM	•				
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			ThA.	ARG NO.	17 TEVEN

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT		TOTAL
5405N	1	PUMP CHARGE	1325	132500
5406	Zomiles	MILEAGE	500	100=
5407	12 TON	Tow Milrage Delivery (min)	41020	41000
	· · · · .			411000
1131	280585	60/40 pos Bendonido	1512	1000
1118B	963 =	Bendonlido	,25	240 75
1107	70*	Slo-Seal	282	19740
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	1		1000	
		1		Alon .
			4	
		20 20		
		· · ·	SALES TAX	264.57
Ravin 3737	1-		ESTIMATED TOTAL	6115.60
AUTUODITION	Rit I have	TITLE Top Qusher	DATE 7-30	0-2012

AUTHORIZTION\_

Kit J. hulm

TITLE Tool Qusher

251712

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



## **DRILL STEM TEST REPORT**

\*

#### Prepared For: Palomino Petroleum

4924 SE 84th St. Newton KS 67114

ATTN: Nicholas Gerstner

### **#1 RNGG Partnership**

### 27-16s-24w Ness KS

Start Date: 2012.07.29 @ 13:50:00 End Date: 2012.07.29 @ 21:39:30 Job Ticket #: 49379 DST #: 1

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

Printed: 2012.08.07 @ 15:19:23

RILOBITE	DRILL STEM TE	ST REP	ORT				
	Palomino Petroleum		27.	-16s-24w	/ Ness K	S	
ESTING , INC	4924 SE 84th St.		#1	RNGG F	Partners	hin	
	New ton KS 67114			Ticket: 49		-	T#: 1
	ATTN: Nicholas Gerstner				012.07.29 (		
GENERAL INFORMATION:							· · · · · · · · · · · · · · · · · · ·
Formation:CherokeeDeviated:NoWhipstock:Time Tool Opened:16:40:00Time Test Ended:21:39:30	ft (KB)		Tes	ter:	Conventior Troy Leike #42		n Hole (Initial
Interval: 4420.00 ft (KB) To 44	83.00 ft (KB) (TVD)		Ref	erence 🖯	evations:		2.00 ft (KB)
Total Depth: 4483.00 ft (KB) (TV					0000		1.00 ft (CF)
Hole Diameter: 7.88 inches Hole	Condition: Poor			KB1	to GR/CF:	8	3.00 ft
Press@RunDepth:37.77 psigStart Date:2012.07.29Start Time:13:50:05	<ul><li>@ 4421.00 ft (KB)</li><li>End Date:</li><li>End Time:</li></ul>	2012.07.29 21:39:29	Capacity Last Cali Time On Time Off	ib.: Btm:	2012.07.29 2012.07.29	2012.07 @ 16:39	9:30
30- FS No Blow							
Pressure vs. Ti					RE SUM		
	8700 Temperature	(Min.)	Pressure (psig)	RESSUF Temp (deg F)	Annota		
Pressure vs. Ti	5700 Temperature 125 Prathemore tance 120	(Min.) 0	Pressure (psig) 2211.15	Temp (deg F) 121.78	Annota Initial Hyc	tion Iro-static	
Pressure vs. Ti	5700 Temperature 125 respectative 126 127 128 129 129 129 120 120 120 120 120 120 120 120	(Min.) 0 1	Pressure (psig) 2211.15 35.46	Temp (deg F) 121.78 121.02	Annota Initial Hyc Open To	tion Iro-static Flow (1)	
Pressure vs. Ti	125 127 128 129 129 129 129 129 129 129 129	(Min.) 0 1 32 60	Pressure (psig) 2211.15	Temp (deg F) 121.78 121.02 121.64	Annota Initial Hyc	tion dro-static Flow (1) )	
Pressure vs. Ti	125 127 128 129 129 129 129 129 129 129 129	(Min.) 0 1 32 60	Pressure (psig) 2211.15 35.46 37.24 61.25 37.71	Temp (deg F) 121.78 121.02 121.64 121.90 121.90	Annota Initial Hyc Open To Shut-In(1 End Shut Open To	tion fro-static Flow (1) ) -In(1) Flow (2)	
Pressure vs. Ti STOD Pressure 2000	125 127 128 129 129 129 129 129 129 129 129	(Min.) 0 1 32 60	Pressure (psig) 2211.15 35.46 37.24 61.25 37.71 37.77	Temp (deg F) 121.78 121.02 121.64 121.90 121.90 122.17	Annota Initial Hyc Open To Shut-In(1 End Shut Open To Shut-In(2	tion Flow (1) ) -In(1) Flow (2) !)	
Pressure vs. Ti	125 127 128 129 129 129 129 129 129 129 129	(Min.) 0 1 32 60 60	Pressure (psig) 2211.15 35.46 37.24 61.25 37.71	Temp (deg F) 121.78 121.02 121.64 121.90 121.90 122.17 122.43	Annota Initial Hyc Open To Shut-In(1 End Shut Open To Shut-In(2 End Shut	tion Flow (1) ) -In(1) Flow (2) 2) -In(2)	
Pressure vs. Ti	125 120 120 120 120 120 120 120 120	(Min.) 0 1 32 60 60 91 120	Pressure (psig) 2211.15 35.46 37.24 61.25 37.71 37.77 48.26	Temp (deg F) 121.78 121.02 121.64 121.90 121.90 122.17 122.43	Annota Initial Hyc Open To Shut-In(1 End Shut Open To Shut-In(2	tion Flow (1) ) -In(1) Flow (2) 2) -In(2)	
Pressure vs. Ti BTOD Pressure 2000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 100	125 120 120 120 120 120 120 120 120	(Min.) 0 1 32 60 60 91 120	Pressure (psig) 2211.15 35.46 37.24 61.25 37.71 37.77 48.26	Temp (deg F) 121.78 121.02 121.64 121.90 121.90 122.17 122.43	Annota Initial Hyc Open To Shut-In(1 End Shut Open To Shut-In(2 End Shut	tion Flow (1) ) -In(1) Flow (2) 2) -In(2)	
Pressure vs. Tr	СО Теприяция 125 120 120 120 120 120 120 120 120	(Min.) 0 1 32 60 60 91 120	Pressure (psig) 2211.15 35.46 37.24 61.25 37.71 37.77 48.26	Temp (deg F) 121.78 121.02 121.64 121.90 122.17 122.43 123.09	Annota Initial Hyd Open To Shut-In(1 End Shut Open To Shut-In(2 End Shut Final Hyd	tion Flow (1) ) -In(1) Flow (2) 2) -In(2)	
Pressure vs. Tri	СО Теприяция 125 120 120 120 120 120 120 120 120	(Min.) 0 1 32 60 60 91 120	Pressure (psig) 2211.15 35.46 37.24 61.25 37.71 37.77 48.26	Temp (deg F) 121.78 121.02 121.64 121.90 122.17 122.43 123.09	Annota Initial Hyc Open To Shut-In(1 End Shut Open To Shut-In(2 End Shut Final Hyd	tion Flow (1) ) -In(1) Flow (2) 2) -In(2)	Gas Rate (Mo
Pressure vs. Ti	СОО Теприлика 125 126 127 128 129 129 129 129 129 129 129 129	(Min.) 0 1 32 60 60 91 120	Pressure (psig) 2211.15 35.46 37.24 61.25 37.71 37.77 48.26	Temp (deg F) 121.78 121.02 121.64 121.90 122.17 122.43 123.09 Ga	Annota Initial Hyc Open To Shut-In(1 End Shut Open To Shut-In(2 End Shut Final Hyd	tion Flow (1) ) -In(1) Flow (2) ?) -In(2) Iro-static	Gas Rate (Mo
Pressure vs. Ti	ССТ Теприлика Гладиенски: 120 130 130 130 130 130 130 100 10	(Min.) 0 1 32 60 60 91 120	Pressure (psig) 2211.15 35.46 37.24 61.25 37.71 37.77 48.26	Temp (deg F) 121.78 121.02 121.64 121.90 122.17 122.43 123.09 Ga	Annota Initial Hyc Open To Shut-In(1 End Shut Open To Shut-In(2 End Shut Final Hyd	tion Flow (1) ) -In(1) Flow (2) ?) -In(2) Iro-static	Gas Rate (Mo
Pressure vs. Ti	ССТ Теприлика Гладиенски: 120 130 130 130 130 130 130 100 10	(Min.) 0 1 32 60 60 91 120	Pressure (psig) 2211.15 35.46 37.24 61.25 37.71 37.77 48.26	Temp (deg F) 121.78 121.02 121.64 121.90 122.17 122.43 123.09 Ga	Annota Initial Hyc Open To Shut-In(1 End Shut Open To Shut-In(2 End Shut Final Hyd	tion Flow (1) ) -In(1) Flow (2) ?) -In(2) Iro-static	Gas Rate (Mo
Pressure vs. Ti	ССТ Теприлика Гладиенски: 120 130 130 130 130 130 130 100 10	(Min.) 0 1 32 60 60 91 120	Pressure (psig) 2211.15 35.46 37.24 61.25 37.71 37.77 48.26	Temp (deg F) 121.78 121.02 121.64 121.90 122.17 122.43 123.09 Ga	Annota Initial Hyc Open To Shut-In(1 End Shut Open To Shut-In(2 End Shut Final Hyd	tion Flow (1) ) -In(1) Flow (2) ?) -In(2) Iro-static	Gas Rate (Mo

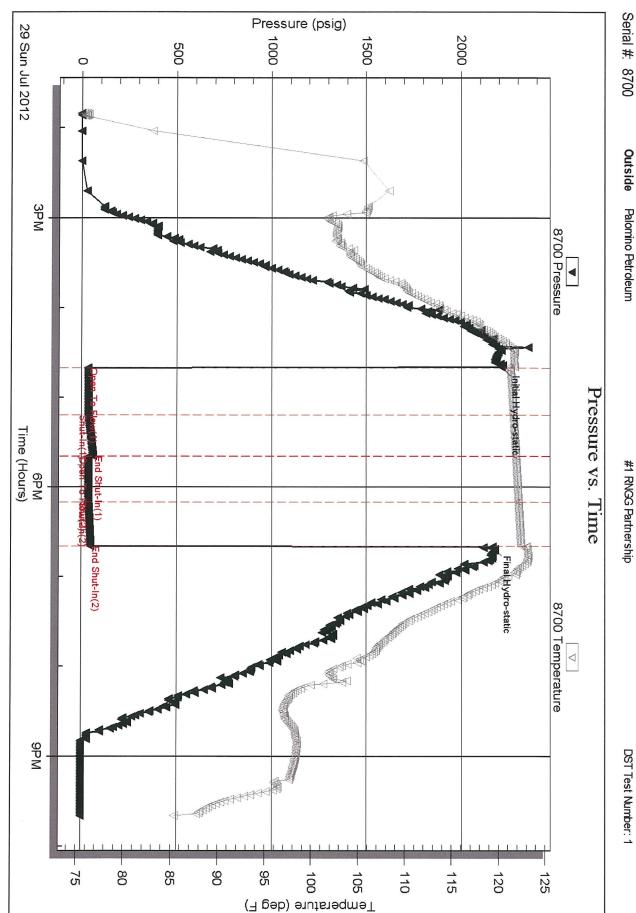
	DITE	DRILL STEM TEST REPORT TOOL I								
RILO			o Petroleur	n		27-16s-24w Ness k	(S			
EST	TING , INC	4924 SI	E 84th St.			#1 RNGG Partners	ship			
		New tor	ı KS 67114	•		Job Ticket: 49379 DST#:1				
			Nicholas (	Canada an		Test Start: 2012.07.29 @ 13:50:00				
		ATTN.	NICTOIAS	Jersiner		Test Start: 2012.07.29	@ 13:50:00			
Tool Information										
Drill Pipe: Length:	4220.00 ft	Diameter:	3.80	inches Volume:	59.20 bbl	Tool Weight:	2500.00 lb			
Heavy Wt. Pipe: Length:	0.00 ft			inches Volume:		Weight set on Pack				
Drill Collar: Length:	186.00 ft	Diameter:	2.25	inches Volume:	0.91 bbl	Weight to Pull Loose				
	14 00 54			Total Volume:	60.11 bbl	Tool Chased	0.00 ft			
Drill Pipe Above KB:	14.00 ft					String Weight: Initia	l 60000.00 lb			
Depth to Top Packer: Depth to Bottom Packer:	4420.00 ft ft					Final	60000.00 lb			
Interval between Packers:										
Tool Length:	92.00 ft									
Number of Packers:	3	Diameter:	6.75	inches						
Tool Comments:	Lei	nath (ft)	Serial No	o. Position	Depth (ft) Ad	ccum. Lenaths				
Tool Description	Lei		Serial No	o. Position		ccum. Lengths				
Tool Description Change Over Sub	Lei	1.00	Serial No	o. Position	4393.00	ccum. Lengths				
<b>Tool Description</b> Change Over Sub Shut In Tool	Lei		Serial No	o. Position		ccum. Lengths				
<b>Tool Description</b> Change Over Sub Shut In Tool Hydraulic tool	Lei	1.00 5.00	Serial No	o. Position	4393.00 4398.00	ccum. Lengths				
Tool Comments: <b>Tool Description</b> Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint	Lei	1.00 5.00 5.00	Serial No	o. Position	4393.00 4398.00 4403.00	ccum. Lengths				
Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint	Lei	1.00 5.00 5.00 5.00	Serial No	o. Position	4393.00 4398.00 4403.00 4408.00	ccum. Lengths 28.00	Bottom Of Top Packe			
Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer	Lei	1.00 5.00 5.00 5.00 2.00	Serial No	o. Position	4393.00 4398.00 4403.00 4408.00 4410.00	¯	Bottom Of Top Packe			
Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer	Lei	1.00 5.00 5.00 5.00 2.00 5.00	Serial No	o. Position	4393.00 4398.00 4403.00 4408.00 4410.00 4415.00	¯	Bottom Of Top Packe			
Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb	Lei	1.00 5.00 5.00 5.00 2.00 5.00 5.00	Serial No 6625		4393.00 4398.00 4403.00 4408.00 4410.00 4415.00 4420.00	¯	Bottom Of Top Packe			
Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Recorder	Lei	1.00 5.00 5.00 5.00 2.00 5.00 5.00 1.00		5 Inside	4393.00 4398.00 4403.00 4408.00 4410.00 4415.00 4420.00 4421.00	¯	Bottom Of Top Packe			
Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Recorder Recorder	Lei	1.00 5.00 5.00 2.00 5.00 5.00 5.00 1.00 0.00	6625	i Inside	4393.00 4398.00 4403.00 4408.00 4410.00 4415.00 4420.00 4421.00 4421.00	¯	Bottom Of Top Packe			
Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Recorder Recorder Perforations	Lei	1.00 5.00 5.00 2.00 5.00 5.00 1.00 0.00 0.00	6625	i Inside	4393.00 4398.00 4403.00 4408.00 4410.00 4415.00 4420.00 4421.00 4421.00	¯	Bottom Of Top Packe			
Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Recorder Recorder Recorder Perforations Change Over Sub	Lei	1.00 5.00 5.00 2.00 5.00 5.00 5.00 1.00 0.00 0.00 2.00	6625	i Inside	4393.00 4398.00 4403.00 4408.00 4410.00 4415.00 4420.00 4421.00 4421.00 4421.00 4423.00	¯	Bottom Of Top Packe			
Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Recorder Recorder Perforations Change Over Sub Drill Pipe	Lei	1.00 5.00 5.00 2.00 5.00 5.00 1.00 0.00 2.00 1.00	6625	i Inside	4393.00 4398.00 4403.00 4408.00 4410.00 4415.00 4420.00 4421.00 4421.00 4421.00 4423.00 4424.00	¯	Bottom Of Top Packe			
Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Packer Stubb Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub	Lei	1.00 5.00 5.00 2.00 5.00 5.00 5.00 1.00 0.00 2.00 1.00 32.00	6625	i Inside	4393.00 4398.00 4403.00 4408.00 4410.00 4415.00 4420.00 4421.00 4421.00 4421.00 4421.00 4423.00 4424.00 4456.00	¯	Bottom Of Top Packe			
<b>Tool Description</b> Change Over Sub Shut In Tool Hydraulic tool Jars	Lei	1.00 5.00 5.00 2.00 5.00 5.00 5.00 1.00 0.00 0.00 2.00 1.00 32.00 1.00	6625	i Inside	4393.00 4398.00 4403.00 4408.00 4410.00 4415.00 4421.00 4421.00 4421.00 4422.00 4423.00 4424.00 4456.00 4457.00	28.00	Bottom Of Top Packe Bottom Packers & Anchor			

Mud and Cust	RILOBITE ESTING , INC.	4924 SI New tor	E 84th St. KS 6711			27-16s-24	w Ness KS		
Mud Type: Gel ( Mud Weight: Viscosity: Water Loss:	-	New tor							
Mud Type: Gel ( Mud Weight: Viscosity: Water Loss:	hion Information	New tor				#1 RNGG Partnership			
Mud Type: Gel ( Mud Weight: Viscosity: Water Loss:	hion Information	ATTN:		4	Job Ticket:	-	DST#:1		
Mud Type: Gel ( Mud Weight: Viscosity: Water Loss:	hion Information		Nicholas	Gerstner	Test Start: 2012.07.29 @ 13:50:00				
Mud Weight: Viscosity: Water Loss:						HP			
Viscosity: Water Loss:	Chem			ushion Type:			Oil API:		deg A
Water Loss:	10.00 lb/gal			ushion Length:		ft	Water Salinity:		ppm
	51.00 sec/qt			ushion Volume:		bbl			
Resistivity:	8.77 in <sup>3</sup>			as Cushion Type:					
	0.00 ohm.m		G	as Cushion Pressu	re:	psig			
Salinity: Filter Cake:	4000.00 ppm inches								
Recovery Info	ormation		- -						
	<b></b>		R	ecovery Table					
	Lengti ft	h		Description		Volume bbl			
		5.00	Mud 100	%m		100 20.0	25		
	Tetel Law 2000				0.005.111	0.02			
	Total Length:		00 ft	Total Volume:	0.025 bbl				
	Num Fluid Sampl			Num Gas Bombs:	0	Serial	#:		
	Laboratory Nam	e:		Laboratory Locat	on:				
	Recovery Comm	ents:							
	Receivery contra	onto.							
1									



Ref. No: 49379

Trilobite Testing, Inc



DST Test Number: 1

Serial #: 8700

4/10 RILOBITE JESTING INC. P.O. Box 1733 • Hays, Kar	nsas 67601 <b>Test Ticket</b>
Company Palomino Petroleum Address 4924 SE 84th St. Co. Rep/Geo. Nicholas Gerstner	rskip  Test No.  Date  7-29-12    Elevation  2512  KB  2504  GL    Newton,  KS.  67/14    Rig  Fossil  Drlq  Rig  #2    e.  24 W  Co.  Ness  State  KS.
Anchor Length63'Top Packer Depth4415Bottom Packer Depth4420Total Depth4483	Zone Tested  Cherokee    Drill Pipe Run  4220  Mud Wt.  9-5    Drill Collars Run  186  Vis  51    Wt. Pipe Run  0  WL  8.8    Chlorides  4,000  ppm System  LCM  0    Slow on Top of BKT.  Diefin  5 min.  1

Rec_5	Feet of	Mud	100	Zom		%gas		%oil	%water	100	%mud
Rec	Feet of		a (	tardina kawa kamanaka kiri dan tarih di kata ang da kata	-	%gas	a	%oil	%water		%mud
Rec	Feet of		an fa dhad fa dao Marana an an an an an an an An Antonindean a	annaan Aras satalaha akan biyo karanahan agama sa		%gas	Normalis in the and ranks. And one results designed	%oil	%water		%mud
Rec	Feet of	Al for the first state of the second state of	···			%gas	- ar - f her age a far Melana, bailed of differ	%oil	%water		%mud
Rec	Feet of		****			%gas		%oil	%water		%mud
Rec Total		BHT		Gravity	an year year year year year an	API RW	@	°F Chlori	des	1090-092302-002-00-00-0-0-0-0-0-0-0-0-0-0-0-0-0	ppm
(A) Initial Hydrostatic_	a da mana a su como conduced di ili	2211		🖬 Tes	t 1250			T-On Location	9:∞	Am	1961 - No Millio - Della da antidad di dumung
(B) First Initial Flow		35		Jar:	3 250		11 Talana an Tanggiya ng mana agaga ng m	T-Started	1:50	ρm	
(C) First Final Flow		<b>1</b> 3	7			75		T-Open	4:40	Pm	
(D) Initial Shut-In		000	61					T-Pulled	6:40	PM	
(E) Second Initial Flow	/	400	37			y		T-Out			
(F) Second Final Flow		3	37			217 RT Ha		Comments			
(G) Final Shut-In		l	18	🗆 Sar	npler			anna de adam el contre la bilinar e contre la contre de la	retro de transferia do ser e o escana e an		
(H) Final Hydrostatic		2163		🛛 Stra	addle			Ruined Sh	ale Packer		
				🗖 Sha	le Packer_	n fan de ferste ferste sen		Ruined Pa	cker		
Initial Open 30								Extra Copi			
Initial Shut-In	30	an diffe da na biga a sing an ang ang ang ang ang ang ang ang an	an fel an ble fan de skrave skraver an annan an se	🗆 Ext	ra Recorder		-W-M-Care record autoine-deleven	Sub Total			
Final Flow	30							Total 1792			
Final Shut-In		30		🗆 Acc	essibility			MP/DST Disc	c't		
				Sub Tol	al1792		·	_			