Confidentiality Requested: Yes No

# KANSAS CORPORATION COMMISSION **OIL & GAS CONSERVATION DIVISION**

1207803

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 #	API No. 15
Name:	Spot Description:
Address 1:	Sec TwpS. R East 🗌 West
Address 2:	Feet from Dorth / South Line of Section
City: State: Zip:	_+ Feet from Deast / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Worko	Field Name:
	Producing Formation:
	SIOW Elevation: Ground: Kelly Bushing:
	SIGW Total Vertical Depth: Plug Back Total Depth:
	Temp. Abd. Amount of Surface Pipe Set and Cemented at: Feet
CM (Coal Bed Methane)	
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	
Well Name:	
Original Comp. Date: Original Total Depth: _	
Deepening Re-perf. Conv. to ENHR C	Drining Fluid Management Flair
Plug Back Conv. to GSW C	onv. to Producer (Data must be collected from the Reserve Pit)
Commingled Permit #:	Chloride content: ppm Fluid volume: bbls
Dual Completion     Permit #:	Dewatering method used:
SWD     Permit #:	
ENHR Permit #:	
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion	Quarter Sec TwpS. R East West
-h h	tion Date 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:

	Page Two	1207803
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East West	County:	
INCTRUCTIONS. Chain important tang of formations panetrated De	toil all aaroa Danart all final	conice of drill stome tests siving interval tested, time test

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 She	eets)	Yes No		-	on (Top), Depth a		Sample
Samples Sent to Geolog	gical Survey	Yes No	Nam	9		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
			RECORD Ne		ion, 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 / SQU	EEZE RECORD			
Purposo:	Denth						

Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing				
Plug Back TD				
Plug Off Zone				

No

Did you perform a hydraulic fracturing treatment on this well?	Yes
Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?	Yes
Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?	Yes

No	(If No, skip questions 2 and 3)
No	(If No, skip question 3)

(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, Ce (Amount and Kind	ement Squeeze Record of Material Used)	Depth		
TUBING RECORD:	Siz	re:	Set At:		Packer	r At:	Liner R	un:	No	
Date of First, Resumed	Producti	on, SWD or ENHR.		Producing M	lethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bbls	5.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITION OF GAS:			METHOD OF COMPLETION:			PRODUCTION IN	TERVAL:			
		Open Hole Other <i>(Specify)</i>	Perf.	Uually (Submit )	,	Commingled (Submit ACO-4)				

Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	Farrington 1
Doc ID	1207803

Tops

Name	Тор	Datum
Anhy.	1978	(+ 610)
Base Anhy.	2011	(+ 577)
Heebner	3882	(-1294)
Lansing	3926	(-1338)
Stark Sh.	4162	(-1574)
ВКС	4222	(-1634)
Pawnee	4348	(-1760)
Ft. Scott	4424	(-1836)
Cherokee Sh.	4448	(-1860)
Miss.	4523	(-1935)
LTD	4660	(-2072)



PO Box 93999 Southlake, TX 76092

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

# Bill To:

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

ONLY IF PAID ON OR BEFORE May 6, 2014

Customer ID	Field Ticket #	Payment	Terms		
Palo	62872	62872 Net 30 Days			
Job Location	Camp Location	Service Date	Due Date		
KS1-04	Great Bend	Apr 11, 2014	5/11/14		

Quantity	Item	Description	Unit Price	Amount
1.00	WELLNAME	Farrington #1		
295.00	CEMENT MATERIALS	Light Weight	16.50	4,867.50
74.00	CEMENT MATERIALS	Flo Seal	2.97	219.78
358.79	CEMENT SERVICE	Cubic Feet Charge	2.48	889.80
525.70	CEMENT SERVICE	Ton Mileage Charge	2.60	1,366.82
1.00	CEMENT SERVICE	Port Collar	2,249.84	2,249.84
35.00	CEMENT SERVICE	Pump Truck Mileage	7.70	269.50
1.00	CEMENT SERVICE	Manifold Rental	400.00	400.00
35.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	154.00
1.00	CEMENT SUPER VISOR	Tim Dickson		
1.00	EQUIPMENT OPERATOR	Kevin Eddy		
1.00	EQUIPMENT OPERATOR	Daniel Casper		
	S ARE NET, PAYABLE	Subtotal		10,417.24
	OLLOWING DATE OF	Sales Tax		312.87
INVOICE	. 1 1/2% CHARGED	Total Invoice Amount		10,730.11
	TER. IF ACCOUNT IS , TAKE DISCOUNT OF	Payment/Credit Applied		
\$	2,083.45	TOTAL		10,730.11

INVOICE

Invoice Number: 142533 Invoice Date: Apr 11, 2014 Page: 1

RECEIVED APR 2 1 2014

# ALLIE OIL & GAS SERVICE LLC 062872

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999 SOUTHLAKE, TEXAS 76092

SERVICE POINT:

Arit Rond Kr

DATE 4-11-14 SEC. TWP. RANGE	CALLED OUT ON LOCATION JOB START JOB FINISH
LEASE WELL# J LOCATION A	meta 3w, 14 N E/S New YS
OLD OK NEW (Circle one)	mene sur 19N, 12 New 1Ph
CONTRACTOR Change woll Survey	OWNER Score
TYPE OF JOB POT Caller	
HOLE SIZE T.D.	CEMENT
CASING SIZE SV2 DEPTH	AMOUNT ORDERED 325 2 67/35 670 Mil
TUBING SIZE 2 DEPTH	14 ª floring/sh
DRILL PIPE DEPTH TOOL PORT Callon DEPTH 1935	Althe Stan
	COMMON
MEAS. LINE SHOE JOINT CEMENT LEFT IN CSG.	POZMIX@
PERFS.	GEL@
DISPLACEMENT La "2	CHLORIDE@ ASC @
· · · · · · · · · · · · · · · · · · ·	ASC@ @16,50 4861.50
EQUIPMENT	
	<u></u>
PUMPTRUCK CEMENTER Decker	@
# 597 HELPER Kevin Eddy	@
BULKTRUCK	@
#1003 DRIVER Don Compan	<u> </u>
BULK TRUCK	@
# DRIVER	
	MILEAGE 15.02 X 35 2.60 1.366.
REMARKS:	( 1.468.78) 20 GOTAL 7.343.
Point Coller @ 1975 Present To bo	
1 Linn allow that sugar Slett	SERVICE
25/35 63 Li 4 " Flend Ah, Direlays 1	JAN DERVICE
When close & hour collar Province	DEPTH OF JOB 1 525
1100 the Hold Ren Site & warded the	PUMP TRUCK CHARGE 2249.89
Clam.	EXTRA FOOTAGE
Camant Ded Cinandati	MILEAGE Hum 35 @7.70 269.50
LCC Witnessed	
0	
CHARGE TO: Ranner	
ANALOE TO:	— ( 614.6%) 20% тотац <u>3.073.</u>
STREET	101AL _ <u>3.3.5.7</u>
CITYSTATEZIP	
	PLUG & FLOAT EQUIPMENT
-TKonk.	-
	@
	@
To: Allied Oil & Gas Services, LLC.	@
	_
You are hereby requested to rent cementing equipme	
and furnish cementer and helper(s) to assist owner or	
contractor to do work as is listed. The above work w	
done to satisfaction and supervision of owner agent of	
contractor. I have read and understand the "GENERA	
FERMS AND CONDITIONS" listed on the reverse s	
NAME I ST	TOTAL CHARGES $10.417.52$ 20722.033.12 DISCOUNT
RINTED NAME DIRICH Linke	DISCOUNT IF PAID IN 30 DAYS
A state of the sta	DISCOUNT IF PAID IN 30 DAYS
VIHA IN IA	X.333. 10
IGNATURE V Jen almasi	
$\mathbf{N}$	



PO Box 93999 Southlake, TX 76092

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

## Bill To:

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

Customer ID	Field Ticket #	Payment T	erms	
Palo	62719	Net 30 Days		
Job Location	Camp Location	Service Date	Due Date	
KS1-02	Great Bend	Apr 6, 2014	5/6/14	

100.00	WELL NAME CEMENT MATERIALS CEMENT MATERIALS	Parrington #1 Class A Common		
		Class A Constant		
125 00	OF MENT MATERIALS	Class A Common	17.90	1,790.00
1280100	CEIVIENT WATERIALS	ASC	20.90	2,612.50
5.00	CEMENT MATERIALS	Salt	26.35	131.75
650.00	CEMENT MATERIALS	Kol Seal	0.98	637.00
500.00	CEMENT MATERIALS	DV-1100	1.27	635.00
3.00	CEMENT MATERIALS	KCL	34.40	103.20
16.00	CEMENT MATERIALS	Defoamer	9.80	156.80
267.91	CEMENT SERVICE	Cubic Feet Charge	2.48	664.42
417.55	CEMENT SERVICE	Ton Mileage Charge	2.60	1,085.63
1.00	CEMENT SERVICE	Production Casing	2,765.75	2,765.75
35.00	CEMENT SERVICE	Pump Truck Mileage	7.70	269.50
1.00	CEMENT SERVICE	Manifold Rental	400.00	400.00
35.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	154.00
1.00	EQUIPMENT SALES	5-1/2 AFU Float Shoe	408.33	408.33
1.00	EQUIPMENT SALES	5-1/2 Latch Down Plug	398.00	398.00
2.00	EQUIPMENT SALES	5-1/2 Basket	394.29	788.58
10.00	EQUIPMENT SALES	5-1/2 Centralizer	57.33	573.30
1.00	EQUIPMENT SALES	5-1/2 Port Collar	3,042.00	3,042.00
1.00	CEMENT SUPER VISOR	Charles Kinyon		
1.00	EQUIPMENT OPERATOR	Mike Scothorn		
ALL DRICE	S ARE NET, PAYABLE	Subtotal		Continued
30 DAYS F	OLLOWING DATE OF	Sales Tax		Continued
INVOICE.	1 1/2% CHARGED	Total Invoice Amount		Continued
THEREAFT	TER. IF ACCOUNT IS , TAKE DISCOUNT OF	Payment/Credit Applied		
GURRENT,		TOTAL		Continued
\$	3,323.15	ka namande densidi des casi contactos entaciones en contra condita de la compositiva de la contra de la subsec	er en staar per in de straat (280	
	PAID ON OR BEFORE			
	Vay 1, 2014			

RECEIVED APR 2 1 2014

# INVOICE

Invoice Number: 142525 Invoice Date: Apr 6, 2014 Page: 1



PO Box 93999 Southlake, TX 76092

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

### Bill To:

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

ALL AND	al al		V	0		C	
In	voi	ce	Num	ber:	14	4252	5

Invoice Date: Apr 6, 2014 Page: 2

Customer ID	Field Ticket #	Payment	Terms
Palo	62719	Net 30	Days
Job Location	Camp Location	Service Date	Due Date
KS1-02	Great Bend	Apr 6, 2014	5/6/14

Quantity	Item	Description	Unit Price	Amount
1.00	EQUIPMENT OPERATOR	Daniel Casper		
				**
ALL PRICE	S ARE NET, PAYABLE	Subtotal		16,615.76
30 DAYS I	OLLOWING DATE OF	Sales Tax		693.50
INVOICE	. 1 1/2% CHARGED TER. IF ACCOUNT IS	Total Invoice Amount		17,309.26
CURRENT	, TAKE DISCOUNT OF	Payment/Credit Applied		
\$	3,323.15	TOTAL		17,309.26
<b>P</b>	0,020.10			
	PAID ON OR BEFORE			
	May 1, 2014			

#### ALLIL JOIL & GAS SERVICE J, LLC 062719 Federal Tax I.D. # 20-8651475 REMIT TO P.O. BOX 93999 SERVICE POINT: SOUTHLAKE, TEXAS 76092 great Beng CALLED OUT 4-6-14 SEC, TWP RANGE JOB START ON LOCATION JOB FINISH 12:30am :000 30 pm reingtin COUNTY STATE let Street WELL # LOCATION anno HR 20 OLD OR NEW(Circle one) 14 NOTA eas ling # 10 CONTRACTOR ZU ZU OWNER -TYPE OF JOB Pres HOLE SIZE T.D. 4660 CEMENT DEPTH 4659.84 CASING SIZE AMOUNT ORDERED 100m clamA 107. andt TUBING SIZE DEPTH <u>1251/1 ela</u> ASC 10% DRILL PIPE gypsen DEPTH 5 callas TOOL Port DEPTH 1900 MINIMUM 900 PRES. MAX @17.90 1790 .00 COMMON. 100 MEAS. LINE SHOE JOINT 9 3.22 POZMIX @ CEMENT LEFT IN CSG. GEL @ PERFS. CHLORIDE @ 2.612.00 DISPLACEMENT H20 @20,90 ASC 125 131.75 @26.35 Salt 500 EQUIPMENT Noisea DV 1100 650 637.00 @. 98 500 gal @ 1.27 00 **PUMP TRUCK** CEMENTER Charles 635 390 @ 34.40 103. 20 # 597 HELPER Mike OF 16 @2.80 156.80 BULK TRUCK #870-844 DRIVER @ @ BULK TRUCK @ DRIVER # HANDLING 267. 91 @ 2. 48 664.11 MILEAGE 11.93 X 3 2.60 1.085. **REMARKS:** TOTAL 7.816 . (1563.26/20%) en 4659.84 C SERVICE DEPTH OF JOB 4659. DVIIDOISBBI + hor 150 3 e 11 75 PUMPTRUCK CHARGE 2.765. my 10044 **EXTRA FOOTAGE** 0 2% 269.50 MILEAGE NVM @ 7-70 @400.00 400.00 MANIFOLD nump. Wach ere 041 0 BBIH20 displace 115 @ 4.YD UM 154. CHARGE TO: Palomine ( 717.85 20% TOTAL 3.589. STREET CITY STATE ZIP. PLUG & FLOAT EQUIPMENT alout did hold 408.33 2hor- 408.33 Diest 20 BBI displace KCI trates 398.00 398.00 0 @ 394.29 788.

To: Allied Oil & Gas Services, LLC.

You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME SIGNATURE

TOTAL 5.210 . SALES TAX (If Any) -75 TOTAL CHARGES 16.615. (20%) PAID IN 30 DAYS DISCOUN 13.292 thank you 60

1042.04/20%

@<u>57.33</u> 573.30

@ 3042.

0

3042.00

				RECEIVED	
	CONSOLIDATED Oil Well Services, LLC	Consolidated Oil Well Se Dept. 970 P.O. Box 4346 Houston, TX 77210		AFR 0.2 2014 Char 620/431-9210 • 1	MAIN OFFICE P.O. Box 884 nute, KS 66720 -800/467-8676 : 620/431-0012
INVOICE				Invoice #	266991
Invoice Da	ite: 03/31/2014	Terms: 10/10/30,n/30			Page 1
	IINO PETROLEUM, INC SE 84TH STREET ON KS 67114-8827 -	446 16-	16-25 29-2014		
Part Numbe	r Descrip	+ i o -	0.555	Trait Drains	
Part Numbe 1104S 1102 1118B 1111	CLASS CALCIUM PREMIUM	A" CEMENT (SALE) CHLORIDE (50#) GEL / BENTONITE CHLORIDE (GRANULA	165.00 465.00 310.00	Unit Price 18.5500 .9400 .2700 .0000	
Sublet Per 9996-130 9995-130	CEMENT	tion MATERIAL DISCOUNT EQUIPMENT DISCOUNT			Total -358.16 -190.32
399 CEME 399 EQUI	ription NT PUMP (SURFACE) PMENT MILEAGE (ONE MILEAGE DELIVERY	WAY)	Hours 1.00 40.00 1.00	5.25	and the day when them

Amount Due 5705.02 if paid after 04/30/2014

		anna anna fhais anna anna anna anna anna anna anna a	anne anne anne anne anne anne anne anne			na kuci bala pila p	
Parts:	3581.55	Freight:	.00	Tax:	198.24	AR	5134.51
Labor:	.00	Misc:	.00	Total:	5134.51		
Sublt:	-548.48	Supplies:	.00	Change:	.00		
		tan man ben men per per sen ann ben ben tan tan tan pan ;	THE ADDRESS TARGED BORNED BOLLET SCALE TARGET BORNED B	nen ante allas ante mall bane dina bane a Nel Gilla dinas dinas dinas bane bane bane b	and been been been took took took took took took took too		

266991

TICKET NUMBER 44660 LOCATION DANCEY KS. FOREMAN DAMON M.

120

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

11

Inco. LLC

# FIELD TICKET & TREATMENT REPORT CEMENT

DATE	L OLIOZOMIED II			1			
DATE	CUSTOMER #	WELL NAME & NU		SECTION	TO\WNSHIP	RANGE	COUNTY
3-29-14	6285	FARRINGTON		16	16	25	NESS
CUSTOMER	0		ARNOW				
	PALAMI	NO	300	TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRE	ESS		14N	399	MIKER.		
492	4 SE 84	yth ST	EINto	566	STEVEN		
CITY		STATE ZIP CODE					
NEWE	NAME OF TAXABLE PARTY AND ADDRESS OF TAXABLE PARTY.	KS. 67114	1				
JOB TYPE <u>Su</u>		HOLE SIZE 12/4	HOLE DEPTH	1221	CASING SIZE & W	EIGHT 85	8
CASING DEPTH	221,37	DRILL PIPE	TUBING			OTHER	
SLURRY WEIGH	т <u>14.8</u>	SLURRY VOL	WATER gal/s		<b>CEMENT LEFT in</b>	CASING 20	, /
DISPLACEMENT	13.0	DISPLACEMENT PSI	MIX PSI		RATE		à
		EtING Rig L					
Botton	mixi	65 30 5KS C	on class	5 A 3%	CC 290	GEL DI	SPLACED
13 BBL	0f H20	SHUT IN W	ASHED 0	up 9 Ric	AGEN DO	Was.	
	,				1		

CEMENTE DID CIRC. APROX 2BBL NO THE PIE.

				1
-		THANK 3	Ion DAmon	J I CREW
ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	1150,00	1158.00
5406	40	MILEAGE		210.00
5407A	2.76	ton MILAGE DELIVERY	1.75	543.20
11045 1102 111_BB	165515	Cam CLASS R.	18.55	3060.75
1102	#465	CALCIUM CHLORIDE	294	432.100
IIIBB	#310	BENTONITE	127	83,70
1111	#160	SALT	N/e	NIC
		52-	SUBJOTAL	
		·	12551090	548.48
			SUBTOTAL	
	· · · · · · · · · · · · · · · · · · ·		ampleter	
			UNIPIOIOU	
			SALES TAX	198.24
in 3737	Alt	TD	IVIAL	5134.51
JTHORIZTION	CT Tex		DATE 3-	19-19

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 Petroluem Inc

4924 SE 84th St.

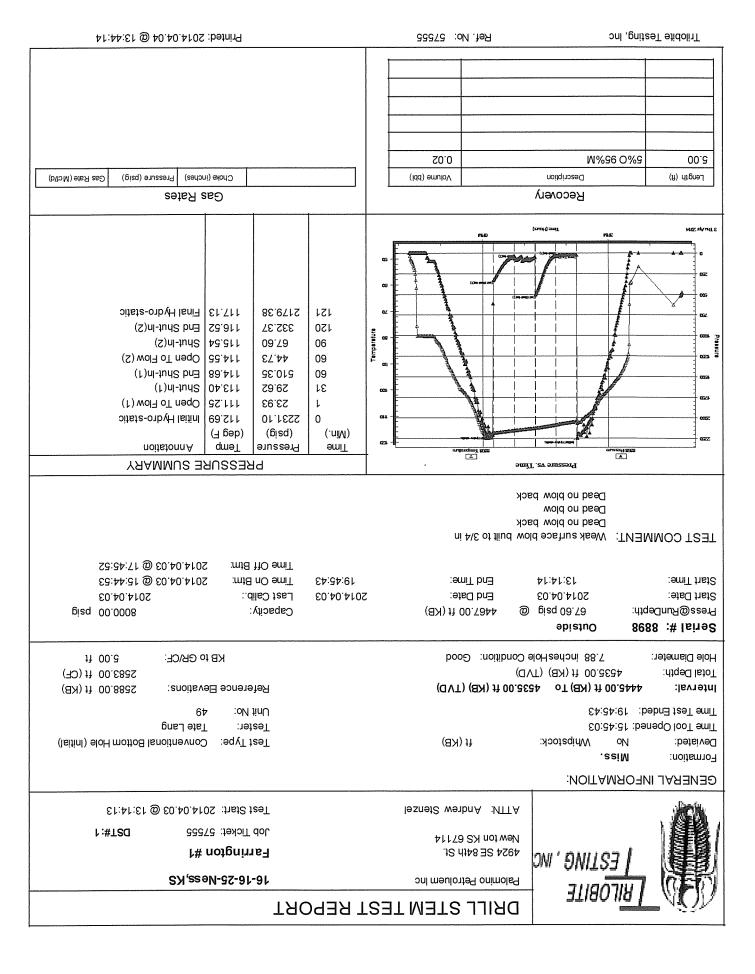
ATTN: Andrew Stenzel

### Farrington #1

### 28, 255-Ness, KS

ŀ	:# TSQ	<u>9997</u>	Jop ∏cket #:
	84:84:61 @	2014.04.03	End Date:
	S1:41:51 @	2014.04.03	Start Date:

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



Printed: 2014.04 @ 13:44:15	Trilobite Testing, Inc
Gas Rate (Mcf/d) Choke (inches) Pressure (psig) Gas Rate (Mcf/d)	Recovery           5.00         5%0 95%M           0.02
<ul> <li>YAAMMUS BAUSSBA9</li> <li>miT</li> <li>moitstonnA</li> <li>(ameT</li> <li>meters</li> <li>moitstonnA</li> <li>(apeb)</li> <li>(gisq)</li> <li>(mM)</li> </ul>	Dead no blow back
Capacity: 2014.04.03 psig 4.04.03 Last Calib.: 2014.04.03 mbd Off Btm: Time Off Btm: Time Off Btm:	
Test Type: Conventional Bottom Hole (Initial) Tester: Tate Lang Unit No: 49 Reference Elevations: 2588.00 ft (KB) Reference Elevations: 5583.00 ft (CF) KB to GR/CF: 5.00 ft	ENERAL INFORMATION: Misted: No Wnipstock: ft (KB) me Tool Opened: 15:45:03 me Test Ended: 19:45:43 me Test Ended: 19:
۲۲۲۰۲۲ مربق ک <b>5-۷<i>6-</i>25-۷<i>6-</i>25-۷<i>6-</i>25-۷<i>6-</i>25-۷<i>6-</i>25-۷ امه Ticket: 57555 DST#:1 Test Start: 2014.04.03 @ 13:14:13 Test Start: 2014.04.03 @ 13:14:13</b>	ESTING, INC PRILL STEMTEST Palomino Patroluem Inc Palomino Patroluem Inc Palomino Patroluem Inc Palomino Patroluem Inc Palomino Patroluem Inc Palomino Patroluem Inc

MARDAID JOOT	16-16-25-Ness,KS	ЯОЧЭЯ					19 <u>3  </u> 80118	
	רֿarrington #1				4924 SE 8	ow' ' €NI		
r:#T80	Job Ticket: 57555			#1 U O O	N not weV			
13:14:13	Test Start: 2014.04.03 @		lə	ndrew Stenz	A :NTTA			, ARCÓN
							u	Tool Informatic
di 00.001b	Tool Weight:	Idd 88.08	:əwn∣o∧ sə		Diameter:		:qj6uə7	Drill Lipe:
	Weight to Pull Loose:	IGG 00.0	:emuloV se		Diameter:		reudip: :utgnad	Heavy Wt. Pipe:
dl 00.00009 11 00.8	Weight to Pull Loose: Tool Chased	1dd 03.0	es Volume:		Diameter:	11 00.221	:436097	Drill Collar:
al 00.00058		100 07110				30.00 ft		Drill Pipe Above I
al 00.00058	l Isnif					11 00.2444		Depth to Top Pac
						11 11 00.00		Depth to Bottom I nterval betw een
						11 00.711		Tool Length:
			sə	dəni 08.8	Ciameter:	2	:51	Number of Packe
								:stnemmoD looT
	- <b>1</b>			-141-,	0 (11) 11-			
	sdibnə. Lengihs		noitieo	erial No.		uən	uc	Tool Descriptic
		4423.00 4428.00			5.00 5.00			Shut In Tool Hydraulic tool
		4433.00			90.6			Jars
		4432.00			2.00			Safety Joint
Bottom Of Top Packer	27.00	4440.00			00.3			Packer
		4442.00			9.00			Packer
		00.9444			00.1			ddutS
		00.0444			00.1			aano

Ref. No: 57555

00.06

4232.00

4235.00

4631.00

4468.00

00.7044

00.7844

00.7044

əbiztuO

əpisul

8688

2688

Bottom Packers & Anchor

Bullnose Change Over Sub

Drill Pipe

Recorder

Recorder

Perforations

Change Over Sub

Total Tool Length:

00.711

3.00

۲.00

63.00

۲.00

00.00

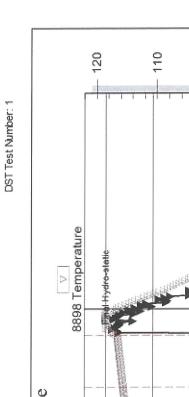
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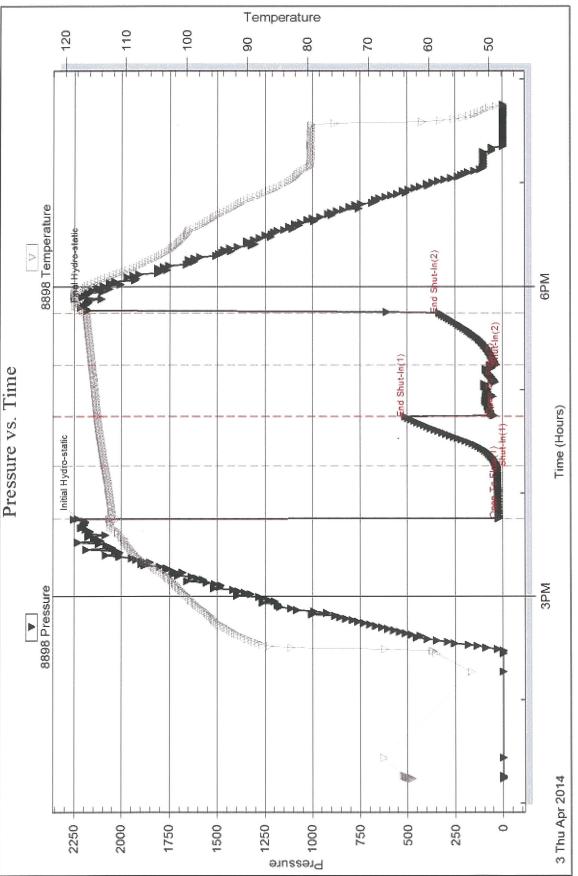
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91.77.51 @ 70 70 71	7C -hetnirg			<u>Bet 10.</u>			ni nitza	
	Serial #:	u: 0 0.055 PPI	Total Volume: Num Gas Bombs: Laboratory Location	11 00.8	lame: 1906: 0 1906:	Total Length Solian Cluid Sa Aum Fluid Sa Aporatory Co Recovery Co		
	emuloV Idd 250.0		5%M Description Recovery Table		5.00 11 5.00	9η		
APi deg APi mqq :vjinity: Pater Salinity:			Cushion Type: Cushion Length: Gas Cushion Volume: Gas Cushion Pressure	) ) )	u	الهو/ما 200 الهوام الموركة 1. 10 دود/مز ۳. ما و ۲. ۲ ۳. ما و ۲. ۲ ۳. ما و ۲. ۲ ۳. ما و ۲. ۲ ۳. ما الم الموركة ۳. ما الموركة ۳. موركة ۳.	məri) ləc) 5400 7400 7400	
L	29/-22-31-31 Farrington # Job Ticket: 575		ן. ז≮	ulotte9 onir S dth St 178 SY no X Odrew	торяя 1 мэи 1 мэи 1 мэи 1 мэи 1 мэи		3	

Outside Palomino Petroluem Inc Serial #: 8898

Farrington #1



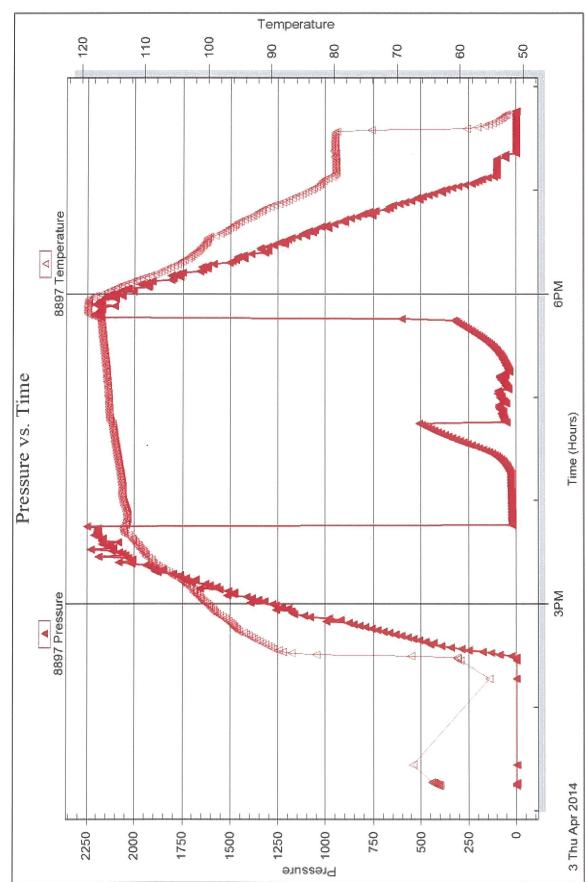


Printed: 2014.04.04 @ 13:44:16

57555 Ref. No:







Ref. No: 57555



# DRILL STEM TEST REPORT

Prepared For: Palomino Petroluem Inc

4924 SE 84fh St.

Isznst& Wardrew Stenzel

### רֿarrington #1

### 28,225-Ness,KS

2	:# 1SO	99929	Jop ∏cket #:
	80:44:00 @	2014.04.04	End Date:
	@ 05:48:38	2014.04.04	Start Date:

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

Printed: 2014.04.04 @ 13:43:43

Printed: 2014.04.04 @ 13:43:43		Ref. No: 57556	onl, louite	Trilobite Tes
		•••••••••••••••••	steət əlqü	* Recovery from mul
		00.0	80 GIb	00.00
		5:52	9%G 22%O 40%W	220.00
		0.30	2%C 32%O 60%W	00.09
Choke (inches) Pressure (psig) Gas Rate (Mcfid)		(idd) emuloV	Description	(ມູ) ປຸງນິດລາ
Case Rates			Recovery	
		n.G	ામ્ટ્ર (મનગ) આવ્યું (આગ	NGE LIVH.
2220.89 116.03 Final Hydro-static	281			
1122.03 115.70 End Shut-In(2)	181	Temperature (2015)		
9.05 111.40 Open To Flow (2) 144.77 113.23 Shut-In(2)	221 29		(united by the second s	cz.
1173.34 111.73 End Shut-In(1)	19			
63.12 109.50 Shut-In(1)	32			
(1) wolf oT negO 00.701 49.18	L			
2219.86 107.71 Initial Hydro-static	0	at		
Pressure Temp Annotation Pressure Temp Annotation	∋miT (.niM)			
YAAMMUS ANUSSAA		arendus 200	Pressure vs. Time	
		u	NENT: Good blow built to 7 i Dead no blow back B.O.B. in 45 mins Dead no blow back	rest comn
Time Off Bfm: 2014.04 @ 0735	00111-000		00:01:70	
Last Calib.: 2014.04.04.00 Time On Btm: 2014.04.04 @ 04:49:58	40.40.4102 80:44:00	End Date: State:	2014.04.04 02:48:39	start Date: Start Time:
Capacity: 8000.00 psig	10 10 1100	4421.00 ft (KB)		Pess@RunDe
			əbiztuO 868	38 :# lsin98
KB to GEVCF: 5.00 ft		noition: Good	noD eloHeentoni 88.7	iole Diameter:
			4550.00 ft (KB) (TVD)	otal Depth:
Reference Eevations: 2588.00 ft (KB)		0 t+ (KB) (TVD)	4444.00 ft (KB) To 4550.0	nterval:
Tester∵ Tate Lang Unit No∷ 49				nəqO looT əmi əbn∃ t≳əT əmi
Tester: Conventional Bottom Hole (Reset)		ft (KB)	No Wripstock:	betsived: inegO looT emi
			ssiM	ormation:
			:NOITAMAOAN	
Test Start: 2014.04.04 @ 02:48:38		ITN: Andrew Stenzel	-4	
10P Ticket: 57556 DST#: 2				
Farrington #1		3M fou KS 67114 124 SE 84th St.	· · ·	目的
88,825-Ne25-81-81			OW DWITZA	团
		lomino Petroluem Inc	I BIFOBILE	
DRT DRT	T REP	BILL STEM TES		- 13 <i>11</i> /
			······································	

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Printed: 2014.04.04 @ 13:43:43	Trilobite Testing, Inc Ref. No: 57556
	* Recovery from multiple tests
	0.00 80 Glb 0.00
	500 2%C 22%O 40%W 5.225
	000         2x/G 32%O 60%W         0.30
Choke (inches) Pressure (psig) Gas Rate (Mcfid)	Length (ft) Description Volume (bbl)
Gas Rates	кесолецу
YAAMMUS BAUSSBPA Time Pressure qmaT amiT (T geb) (gizq) (.niM) (pizq) (.niM)	Submyori (CS) Control (CS) C
	TEST COMMENT: Good blow built to 7 in Dead no blow back B.O.B. in 45 mins Dead no blow back
Capacity: Calib.: 2014.04.04.04.04 کا4.04.04.04 Last Calib.: 2014.04.04 mite on Stim: 2014.04.04 Time Off Bim:	Sterial #: 8897         Inside           Start Date:         2014.04.04         End Date:         2           Start Date:         2014.04.04         End Date:         2           Start Time:         02:48:39         End Time:         2
KB to GR/CE: 5.00 ft	booo :noitibnoo eloHsentoni 88.7 : Good : Good
2583.00 ft (CF)	Total Depth: 4550.00 ft (KB) (TVD)
Reference Eevations: 2588.00 ft (KB)	lsv1ətri) (TVD) (KB) To 4550.00 ft (KB) (TVD)
Test Type: Conventional Bottom Hole (Reset) Tester: Tate Lang Unit No: 49	Formation: Miss Deviated: No Whipstock: ft (KB) Time Test Ended: 09:44:08 Time Test Ended: 09:44:08
Test Start: 2014.04.04 @ 02:48:38	Isznałże wartenia i Intra
Job Ticket: 57556 DST#: 2	Hew ton KS 67114 CHING , INC
16-16-25-Ness,KS	
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lank spacing		31.00				4483.00		
hange Over Sub		00.f				4462.00		
ecorder		00.00	8688	3 C	əbiətu(	00.1344		
scorder		00.0	2688	2	əbiznl	00.1344		
erforations		00.9				00.1344		
qqn		00.r				00.8444		
acker		00.8				00.4444	100V3 · · · · · · · · · · · · · · · · · · ·	
icker		5.00				4439.00	00.72	Bottom Of Top Packer
atety Joint		2.00				4434.00		
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draulic tool		5.00				4427.00		
looT nl tur		5.00				4422.00		
ool Description	гөл	oc (11) Atbr	oN Isited	ю <b>Ч</b> . (	noitia	Depth (ft) 🖌	sdîbn∍⊥.muɔɔA	
ו Pipe Above KB: סלו לם Packer: איראו לם Bottom Packer: מלו לבמצל אירי איראו לבמצל אירי איראו לבמצל אירי אירים איריי אירים אירים איריי אירים אירים אירים איריי אירים אירים אירים אירים איריי אירים אירים אי	31.00 ft 11 00.10 ft 11 10.600 ft 133.00 ft 133.00 ft	Diameter:	05.9	Total	:emuloV	144 85.19	Tool Chased String Weight: Initial Final	5.00 ft 62000.00 lb 62000.00 lb
Il Collar: Length:		Diameter:			:emuloV	1dd 03.0	:esool IIV to Pull Loose:	
avy Wt. Pipe: Length:		Diameter:			:∋muloV	0.00 bbl	Weight set on Packer:	
II Lipe: Length:	4326.00 ft	Diameter:	08.5	səqoni	∶əmulo∨	Idd 89.08	:tdpiəW loo⊺	al 00.0022
ol Information								
	:	A :NTTA	Andrew S	ləznətö			Test Start: 2014.04.04 @	02:48:38
			511 / D C				Job Ticket: 57556	2:#T80
	تنفقه ومعيس	8 38 4264 Mew ton K					Farrington #1	
	l'INI ÉIAILI	0 10 / 00/	.0					
LS3   L	MI VINIL						18-18-52-Ness,KS	
			Petroluem	ouln			SN 35 0N 3C 31 31	
		7 onimole9			IST	ЯСЧЭЯ		ARDAID JOOT

Total Tool Length: 133.00

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63.00

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4646.00

Bottom Packers & Anchor

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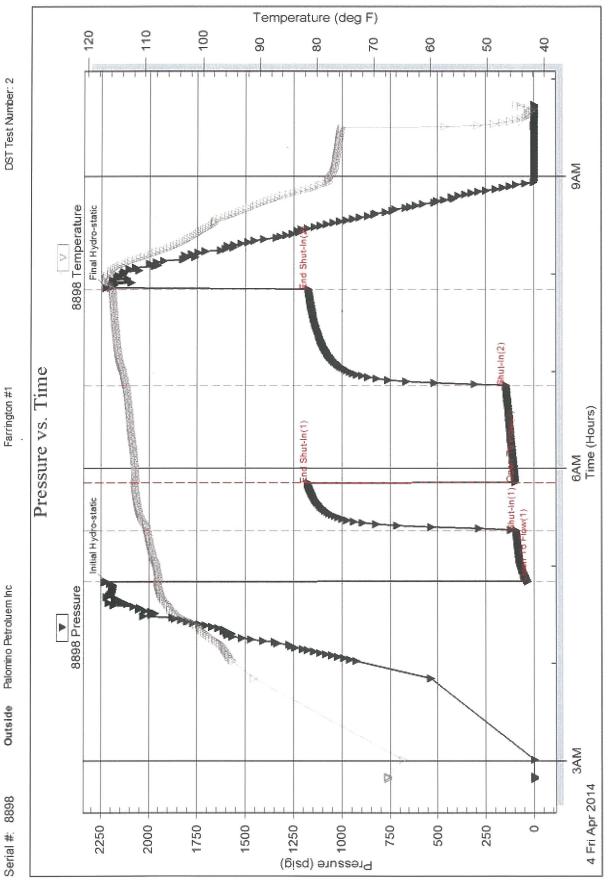
Drill Pipe

Change Over Sub

Image: Solution S
New fon KS 67114       Job Ticket: 57556       DST#: 2         New fon KS 67114       Job Ticket: 57556       DST#: 2         ATTN: Andrew Stenzel       Job Ticket: 57556       DST#: 2         Att Cases       ATTN: Andrew Stenzel       Job Ticket: 57556       DST#: 2         Att Cases       Att Cases       Cashion Logan       Gag Att Cashion Logan       Gag Att Cashion Logan         Att Cases       Att Cases       Cashion Logan       Gas Cushion Types       Att Cases       Att Cases         Att Cases       7:16 in'       Cashion Volume:       bbl       Dst       Dst       Dst         Att Cases       7:16 in'       Cashion Types       Cashion Types       Distance       Dst       Dst         Att Cases       7:16 in'       Cashion Yolume:       bbl       Dst
الالالالال       الحالة: 2
id and Cushion Information 1 Type: Gel Ohem Cushion Type: 1 Weight: 9.00 b/gal Cushion Type: 1 Weight: 9.00 b/gal Cushion Type: 1 Weight: 9.00 b/gal Cashon Type: 1 Weight: 9.00 b/gal Cashon Type: 1 Weight: 9.00 b/gal Cashon Type: 1 Meight: 9.00 b/gal Cashon Type: 1 Covery Information 1 Cashe: 7.10 inches 1 Min Fluid Camples: 0 1 Mun Fluid Samples: 0 1 Mun Fluid Sample
1 Weight: 9.00 b/gal Cushion Length: 1 Water Salinity: ppn cosity: 54.00 sec/qt Cushion Yolume: bbl der Loss: 7,18 in³ Gas Cushion Pype: istivity: ohm.m Gas Cushion Pype: istivity: ohm.m Gas Cushion Pype: nity: 54.00 isofice istivity: ohm.m Gas Cushion Pipes ure: psig nity: 54.00 isofice istivity: ohm.m Gas Cushion Pessure: psig nity: 54.00 isofice istivity: 0 inches recovery Table <u>fit</u> Description Volume <u>fit</u> Description <u>fit</u> Description <u>fit</u> Description <u>fit</u> Description <u>fit</u> Description <u>fit</u> Description <u>fit</u> Description <u>fit</u> Description <u>Vum Gas Bombs: 0</u> <u>6000</u> <u>fit</u> Description: <u>10000</u> <u>fit</u> Description <u>fit</u> Descriptio
cosity: 54.00 seo/qt Cushion Volume: bbl istivity: ohm.m Gas Cushion Type: nity: 5400.00 ppm r Cake: 1.00 inches Covery Information r Cake: 1.00 inches r Cake: 1.00 inche
er Loss: 7.18 in* Gas Cushion Type: istivity: ohm.m Gas Cushion Type: nity: 5400.00 ppm r Cake: 1.00 inches r Cake: 1.00 inches r Cake: 2,000 <u>5%G 55%O 40%M 0.0596</u> <u>0.000 <u>5%G 55%O 40%M 0.0596</u> <u>0.000 <u>0.0596</u> <u>0.000 <u>5%G 55%O 40%M 0.0596</u> <u>0.000 <u>0.0596</u> <u>0.000 <u>0.0596</u> <u>0.000 <u>0.0596</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.00</u></u></u></u></u></u></u>
jetivity: ohr.m.n Gas Cushion Pressure: psig nity: 5400.00 ppm r Cake: 1.00 inches r Cake: 21.00 inches Recovery Table Recovery Table Recovery Table Recovery Table 0.000 0.000 0.000 1. Cake: 0.001 0.000 1. Cake: 0.001 0.000 1. Cake: 0.001 0.000 1. Cake: 0.001 0.000 1. Cake: 0.001 0.000 1. Cake: 0.001 0.000 1. Cake: 0.001 1. Cake: 0.001 1. Cake: 0.000 1. Cake: 0.001 1. Cake: 0.000 1. Cake: 0.001 1. Cake: 0.000 1. Cake: 0.0000 1. Cake: 0.0000 1. Cake:
nity: 5400.00 ppm r Cake: 1.00 inches r Cake: 1.00 inches r Cake: 2.00 inches Covery Table 220.00 5%C 55%O 40%M 2220.00 5%C 55%O 40%M 2220.00 5%C 55%O 40%M 2220.00 5%C 55%O 40%M 225.20 5%C 40%M 225.20 5%C 40%M 225.20 5%C 40%M 225.20 5%C 40%M 225.21 280 5%C 225.21 280 5%C
Covery Information Recovery Table Recovery Location Recovery Lo
Length       Description       Volume         ft       0.00       5%G 55%O 60%M       0.295         220.00       5%G 55%O 40%M       2.621         0.00       5%G 55%O 40%M       2.621         Total Length:       280.00 ft       Total Volume:       2.816 bbl         Mum Fluid Samples: 0       80 GlP       0.000       0.000         Laboratory Name:       2.816 bbl       0.000       0.000         Mum Fluid Samples: 0       Num Gas Bombs:       0       0.000         Laboratory Varme:       Laboratory Location:       2.61a h;       2.61a h;
ft     bbl       60.00     5%G 35%O 60%M     0.295       220.00     5%G 55%O 40%M     2.557       Total Length:     280.00 ft     Total Volume:     2.816 bbl       Num Fluid Samples:     0     Num Gas Bombs:     0       Laboratory Name:     Laboratory Location:     Serial #:
60.00       5%G 35%O 60%M       0.295         220.00       5%G 55%O 40%M       2.5621         Total Length:       280.00 ft       Total Volume:       2.816 bbl         Num Fluid Samples:       0       Num Gas Bombs:       0       0.000         Laboratory Name:       Laboratory Location:       2.816 pbl       Serial #:
220.00       5%G 55%O 40%M       2.521         0.00       80 GIP       0.000         Total Length:       280.00 ft       Total Volume:       2.816 bbl         Num Fluid Samples:       0       Num Gas Bombs:       0       Serial #:         Laboratory Name:       Laboratory Location:       1       Laboratory Location:
0.00     80 GIP     0.00       Total Length:     280.00 ft     Total Volume:     2.816 bbl       Num Fluid Samples:     0     Num Gas Bombs:     0       Laboratory Name:     Laboratory Location:     Laboratory Location:
Num Fluid Samples: 0     Num Gas Bombs: 0     Serial #:       Laboratory Name:     Laboratory Location:
Laboratory Name: Laboratory Location:

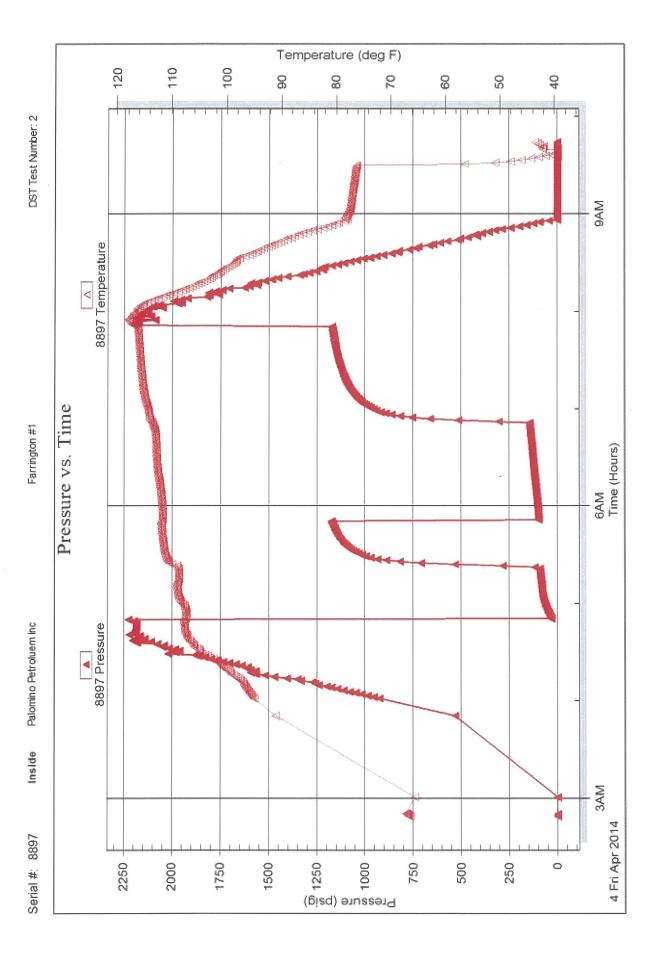


DST Test Number: 2



Printed: 2014.04.04 @ 13:43:45

Ref. No: 57556



Printed: 2014.04.04 @ 13:43:45

Ref. No: 57556



# DRILL STEM TEST REPORT

Prepared For: Palomino Petroluem Inc

Newton KS 67114 4924 SE 84th St.

Instruction Stenzel Stenzel

### Farrington #1

### 16-16s-25w Ness,KS

3	:# LSO	97198	Job Ticket #:
	00:45:21 (	2014.04.05 @	End Date:
	00:84:90 (	2014.04.05 @	Start Date:

ph: 785-625-4778 fax: 785-626-5620 PO Box 362 Hays, KS 67601 Trilobite Testing, Inc

78:04:31 @ 80.40.404:05 :bəʃni거	Trilobite Testing, Inc S6175
	* Recovery from multiple tests
	83'00 CO 0'63
	63.00 SWCOM 5% W 10% O 85% M 0.31
Choke (inches) Pressure (psig) Gas Rate (Mcf/d)	Fenditiv (tt)         Description         Adume (bpl)
Gas Rates	Recovery
PRESSURE SUMMARY         Time       Tensure       Temp         Nin.)       (psig)       (deg F)         0       2291.28       121.17         0       2291.28       121.17         1       22.565       121.17         0       225.65       121.17         0       2291.25       5hut-In(1)         1       22.55       5hut-In(1)         66       725.55       5hut-In(1)         62       70.89       725.05         62       725.93       5hut-In(2)         92       82.53       124.00         93       82.63       125.09         94       76       725.13         92       70.89       72.00         93       82.63       125.09         94       74.00       5hut-In(2)         92       125.09       5hut-In(2)         126       12546.09       728.53         126       125.63       728.53         126       12546.09       5hut-In(2)         128       728.53       728.53         128       728.53       728.53         128       728.53       728.53	ELECT INCLUENT CONTRACTOR OF C
	TEST COMMENT: ו.F 30 - Weak blow built to 5 1/4" ו.S.I 30 - No blow back F.F 30 - Weak blow built to 5 1/2" F.S.I 30 - Weak surface blow back
Capacity: 2014.04.06 @ 000.00 psig 014.04.05 Last Calib.: 2014.04.05 @ 08:00:30 12:34:00 Time On Btm: 2014.04.05 @ 08:00:30 Time Off Btm: 2014.04.05 @ 10:80:00	Serial #: 8679         Outside           Pess@RunDepth:         82.53 psig @         4540.00 ft (KB)           Pist Date:         2014.04.05         End Date:         2           Start Date:         2014.04.05         End Date:         2
Reference Elevations: 2588.00 ft (KB) 2583.00 ft (CF) KB to GR/CF: 5.00 ft	nterval: 4539.00 ft (KB) To 4566.00 ft (KB) (TVD) fotal Depth: 4539.00 ft (KB) (TVD) fole Diameter: 7.88 inchesHole Condition: Fair
Test Type: Conventional Straddle (Reset) Tester: Bob Hamel Unit No: 67	=ormation: Mississippi Deviated: No Whipstock: ft (KB) Time Tool Opened: 08:01:30 Time Test Ended: 12:34:00
Test Start: 2014.04.05 @ 05:48:00	Isznejč wendrew Stenzel
Job Ticket: 56175         DST#:3	Arra 23 not well
ראריוחפנסת #1	ESTING, INC 4924 SE 8419 SL
16-16s-25w Ness,KS	Balomino Petroluem Inc
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entional Straddle (Reset) Hamel		səT			ţI (KB)	:אסכא:	iqqississiM btsqinW oV 05:10:80∷	3ENERAL INF ormation: Deviated: Time Tool Opened Time Test Ended:
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	rtington #1 Ticket: 56175 Ticket: 5014.0	Job			924 SE 84th St. 924 SE 84th St.	N	' 9NILSƏ <b> </b>	
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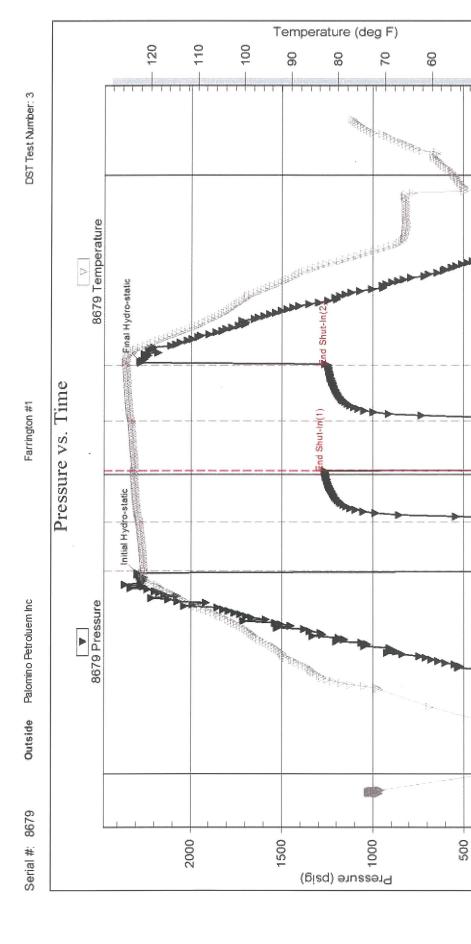
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Bottom Packers & Anchor

FLUID SUMMARY 16-16s-25w Ness,KS Farrington #1		DRILL STEM TEST REPORT			NI ESTING, № ESTING, №				
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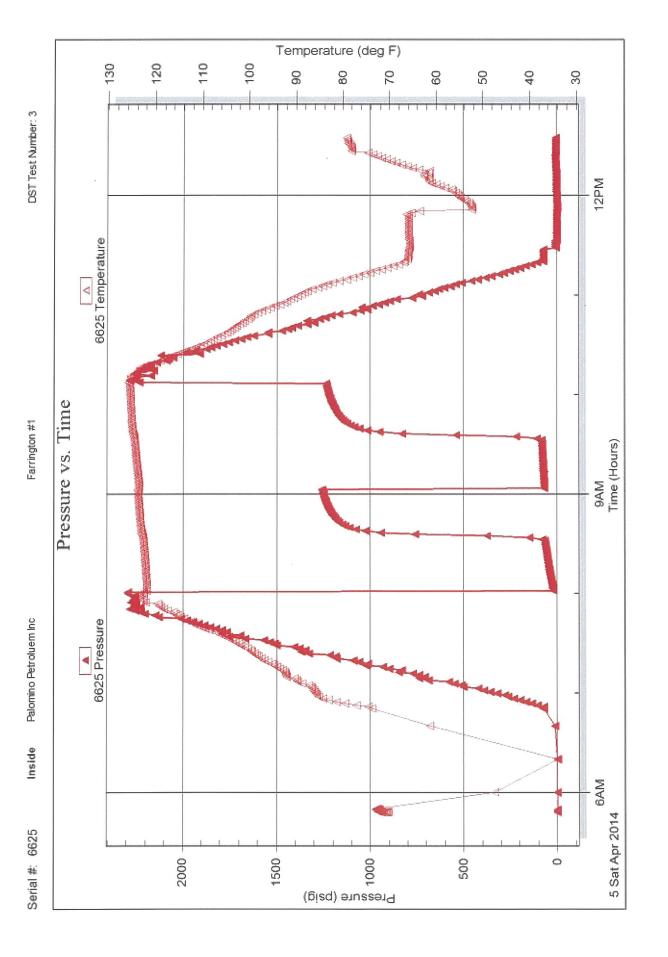
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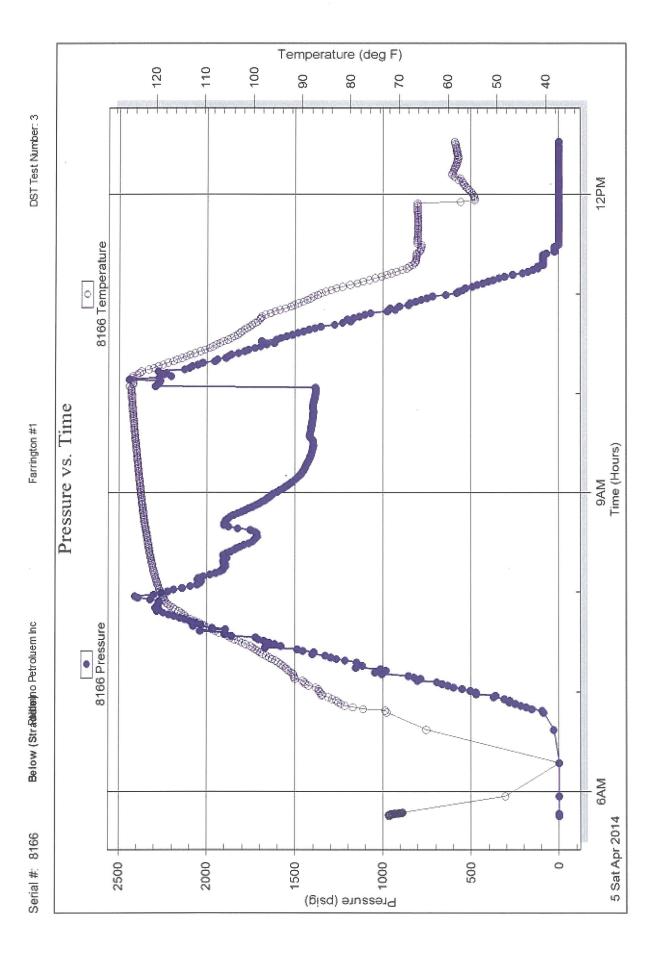
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		ESTING INC.	
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Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any joss suffered or (sustained, directly or indifectly, through the use of it equipment, or its statements or opinion concerning the results of any test, fools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

Approved By Our Representative. 1742.40 Sub Total\_ C Accessibility 1,0sto LSO/dW Final Shut-In (20) Day Standby Wol7 Ibni7 1742.40 Total Sub Total 0 Extra Recorder Initial Shut-In □ Extra Copies Extra Packer neqO lsifinl 🗖 Ruined Packer Shale Packer\_ 🗖 Ruined Shale Packer □ Straddle (H) Final Hydrostatic 🗆 Sampler (G) Final Shut-In 167.40 ¥ Mileage (F) Second Final Flow Comments □ Hourly Standby (E) Second Initial Flow 100-T Circ Sub \_nl-tud2 Ibitinl (0) belluq-T InioL ytets 2 Wolf Isnif final Flow 94 T-Open\_ 520 Jars (B) First Initial Flow X T-Started T-On Location 1520 ISOT (A) Initial Hydrostatic K "F Chlorides udď Gravity Rec Total 0 WH I9A THA Rec to real sep% 1:0% pnu% ">>> Water SED% Teet of Rec %water 110% pnu% SED% Feet of Rec pnu% %water 1:0% C %water 10% sep% Feet of Rec pnu% 7 to real pnu% Jelbw% 110% sep% Rec C the SU Blow Description ppm System Chlorides Total Depth **LCM** Mt. Pipe Run Bottom Packer Depth. ML SIV Drill Collars Run Top Packer Depth Drill Pipe Run Anchor Length .1W buM beizeT enoS Interval Tested 51 CO. Bge. dwl Location: Sec. State **DiA** Co. Rep / Geo. Address Company Elevation KB 79 Vell Name & No. .oN issT **Date** 37 Th 01/2 1515 Commerce Parkway • Hays, Kansas 67601 'ON 9999/9 ESTING INC. Test Ticket RILOBITE

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 of sustained directly or indirectly, through the use of its equipment, or its stating inc. shall not be paid for a cost by the part for whom the test is made.

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 Approved By Our Representative\_ Sub Total 2342.40 95 □ Accessibility 1'osid T20/9M nl-tud& IsniT P E \_letoT 🗌 Day Standby 5345.40 wol7 Inni7 08 \_ lstoT du 2 0 Extra Recorder Initial Shut-In Extra Copies RE Extra Packer Initial Open 🗖 Buined Packer 🗖 Shaje Packer PTCL SitetsorbyH Inni (H) 🗋 Ruined Shale Packer 009 Straddle ~ nn-nvoy/ L Sampler (G) Final Shut-In 1,246 (F) Second Final Flow **9**gs9liM 18 04.701 \_ennemeots\_ wts. 🗖 Hourly Standoy wol7 Isitini broce2 (3) CH: SR. (1) pallud-T Circ Sub nl-tud& leitinl (O) Obisois non Thiol Visites 92 Wolf Isnif tarial (O) ารเร 250 🖉 First Initial Flow Traned 03, 48. W isət 🕡 (A) Initial Hydrostatic noitsooJ nO-T  $(\Lambda, \mathcal{O})$ 0 1520 160 C sebinoldO 7 mqq 9"68 Gravity \_ TH8 Rec Total Ð 501 961 MR I9A Teet of 10% seb% Rec 1916W% pnu% сээЯ Feet of 1916W% 110% sep% pnu% 10 1997 Rec %water 110% sep% pnu% 29 Feet of S.W.C.D.M Rec sep% %water 5 110% 01 pnu% \$3 רובטט סין Feet of 22 seb% Гec pnu% %water 10% (10/ 5'M 10321400 -98-I'S'= R VWVS (n)1, 20- 10 + 10 1 1 Blow Build UT (Vill OC 5.I-30-NOB Blow Description ZE -Cinimus ni " M'2) and ut Hind wild INH. Total Depth 4660 LCM Male ppm System ang s Chlorides \_ Bottom Packer Depth. . nuA sqi9 .†W LLSH ٦M 96 Top Packer Depth Drill Collars Run 12.2 - h & Sh IS siV Апсћог Length\_ nuR sqi9 Ilin .IW buM 66 Tlhh Interval Tested beteaT enoS 683h 25.55, 99*5*h \$7 91 .qwT Location: Sec. ζ SCT BIEIS SSAN Andrew Stenze M. W PiA Co. Rep / Geo. 0 \$ HLPP REPART ath sζ .sV 6111.9 45 Not 2852 Flevation Company ags I BX Partition 1 ल ้าย SNIMSWONTS ev, moj - ON & 9msN II9W Pale 41-5-12 ON IS9T Ę 01/7 1515 Commerce Parkway • Hays, Kansas 67601 'ON <u>91199</u> ESTING INC. Test Ticket RILOBITE

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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