

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1119560

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 #	API No. 15
Name:	Spot Description:
Address 1:	
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from Fast / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	County:
Name:	Lease Name: Well #:
	Field Name:
Wellsite Geologist:	
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
Oil WSW SWD SIOW	Amount of Surface Pipe Set and Cemented at: Feet
Gas D&A ENHR SIGW	Multiple Stage Cementing Collar Used?
OG GSW Temp. Abd.	If yes, show depth set: Feet
CM (Coal Bed Methane)	If Alternate II completion, cement circulated from:
Cathodic Other (Core, Expl., etc.):	feet depth to:w/sx cmt
If Workover/Re-entry: Old Well Info as follows:	
Operator:	Drilling Fluid Menogeneet Dien
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:	
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Chloride content: ppm Fluid volume: bbls
Conv. to GSW	Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	
SWD Permit #:	Lease Name: License #:
ENHR         Permit #:	Quarter Sec TwpS. R East West
GSW Permit #:	County: Permit #:
Spud Date or Date Reached TD Completion Date or Recompletion Date	

#### 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:

	Side Two	1119560
Operator Name:	Lease Name:	Well #:
Sec TwpS. 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 (Attach Additional Sh	eets)	Yes No		-	n (Top), Depth and		Sample
Samples Sent to Geolog	gical Survey	Yes No	Nar	ne		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted B (If no, Submit Copy)	Electronically	<ul> <li>Yes</li> <li>No</li> <li>Yes</li> <li>No</li> <li>Yes</li> <li>No</li> </ul>					
List All E. Logs Run:							
		CASIN		lew Used			
		Report all strings se	et-conductor, surface, in	termediate, producti	on, etc.		
Purpose of String	Purpose of String Size Hole Drilled		Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

#### ADDITIONAL CEMENTING / SQUEEZE RECORD

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

Shots Per Foot			N RECORD - Bridge Plugs Set/Type ootage of Each Interval Perforated					Depth		
TUBING RECORD: Size:					Packer	r At:	Liner R	un:	No	
Date of First, Resumed P	₹.	Producing N	1ethod:	ping	Gas Lift	Other (Explain)				
Estimated Production Oil Bl Per 24 Hours		Oil Bb	ls.	Gas Mcf		Wate	ter Bbls.		Gas-Oil Ratio	Gravity
DISPOSITIO	N OF G	BAS:			METHOD	OF COMPLE	TION:		PRODUCTION INT	ERVAL:
Vented Sold		Jsed on Lease		Open Hole	Perf.	Dually (Submit A	Comp. AC <i>O-5)</i>	Commingled (Submit ACO-4)		
(If vented, Subr	nit ACO	-18.)		Other (Specify)						

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	Peach Grove '17' 1
Doc ID	1119560

Tops

Name	Тор	Datum			
Anhy.	1873	(+ 657)			
Base Anhy.	1902	(+ 628)			
Topeka	3566	(-1036)			
Heebner	3835	(-1305)			
Lansing	3878	(-1348)			
ВКС	4177	(-1647)			
Marmaton	4219	(-1689)			
Pawnee	4301	(-1771)			
Ft. Scott	4374	(-1844)			
Miss.	4475	(-1945)			
LTD	4593	(-2063)			



BILL TO

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

- Acidizing
- Cement
- Tool Rental

TERMS	Well No	o. Lease	County	Contractor	ll Type	W	ell Category	Job Purpose	ə	Operator	
Net 30	#1	Peach Grove	Ness	Cheyenne Well Se	Oil	Development		Cement Port Collar		Jason	
PRICE I	PRICE REF. DESCRIPTION							UM	UNIT PRICE	A	MOUNT
575D 576D-D 276 290 330 105 107 581D 583D	I I S S S S S S S S	Mileage - 1 Way Pump Charge - Port Flocele D-Air Swift Multi-Density Port Collar Tool Ren Stripper Head Rental Service Charge Ceme Drayage Subtotal Sales Tax Ness Coun	Standard (MID ital With Man I Per Day ent	CON II)		29	1 33	Gallon(s) Sacks Each Each Sacks	6.00 1,250.00 2.00 35.00 16.50 350.00 2.00 1.00 6.30%		180.00 1,250.00 66.00T 52.50T 2,145.00T 250.00T 400.00 299.55 4,993.05 180.40
We Ap	oprec	iate Your I	Busines	S*:				Tota			\$5,173.45

Thank You!		[]	SWIFT OPERATOR APPROVAL
	the materials and services listed on this ticket.	ATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket	CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES
TOTAL 5173 45	CUSTOMER DID NOT WISH TO RESPOND	0-2000	201 1 20
	YOU SATISFIED WITH OUR SERVICE?	/ 560 ARE	DATE SIGNED ALL IN TIME SIGNED / 20 A.M.
180 40	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTION V2		MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS
	OD AND DS? VAS	SWIFT SERVICES INC OUR SERVICE WAS	LIMITED WARRANTY provisions.
PAGE TOTAL 4993	SURVEY         AGREE         DECIDED         AGREE           MENT PERFORMED         AGREE         AGREE	REMIT PAYMENT TO: OUR EQUIPMENT PERFORMED	LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to DAVMENT DELEASE INCLUSION
2501 25012	T da	STRIPPER HEAD REWTAK	
350100 350100	Aura	TORT COLLAR OPENING TOOL	105
1 12 299 ISS	199701165,299557m	.) RAUPOR	
2 004 10 mg	2003	SERVICE CHARGE COMENT	ja:
16 2145 21/45	130 54	SWIFT MULTI DEWSITY	330
5			
	15 500	D-AIR	290
10/0 1 1 C	33/165	& flockle	274
		1	
1257 2017261		Pump CHARGE	5760
\$ (1/2/ En 0)	30 MIL	MILEAGE 110	575
UNIT AMOUNT	QTY. UM QTY. UM	DESCRIPTION	PRICE SECONDARY REFERENCE/ ACCOUNTING PART NUMBER LOC ACCT DF
			REFERRAL LUCATION
36,45 W/SI+TO	WELL PERMIT NO.	DEVELOPMENT UNBPORPOSE	DIL
ORDER NO.	DELIVERED TO	_	3. LICKET LYPE CONTRACTOR SALES CHEYENNE WELL SERV
SEP/2 OWNER		S ₹	NO.
PAGE OF		CODE	Services, Inc.
Nº 23406		ALOMIND FETROLEWM	ADDRESS
TICKET			CHARGE TO:

JOBL						SWIFT	' Serv	Uices, Inc. DATE 18SEP 12 PAGEN
CUSTOMER VAL	Smino Pi	ETROLEWM	WELL NO.			LEASE TEACH (	SROVE	17 \$ 1 JOB TYPE BORT COLLAR TICKET NO. 2340 Le
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PU	MPS C	PRESSUR		
	1000							ON LOCATION
			ļ					PORTCOLLAR E ( Sale
<b></b>	1033				<u> </u>		1000	JEST-HELD
	1025				_		4 5000050	
	1035	3					400	OPEN PORT COLLAR JAKE INST. RATE.
	1040	4	72			1200		Dath 17D ch ChAD
40000000000000000000000000000000000000	1- 10	3	10	1	<u> </u>	300		MIX 130 SX SMD DISPLACE CEMENT
				<u> </u>	1			CIRCULATE 205x TO TPIT
	1102			1		1000		CLOSE PORT COLLAR-TEST- HELD
				ļ				
								Run 4 ots.
	1112		18		~		300	REVERSE EMENT OUT OF TUBING
	1118							WASH TRUCK
	1770					**************************************		UCABA IRNCK
								JOB COMPLETE
					-+			THANKS \$110
					-+			TOCAL TERR TEORNAL
								JASON JEFF JEREMY
					-+			
					-+			
L	1	l_		L				



BILL TO

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

• Cement

• Tool Rental

TERMS	Well N	No. Lease County Contractor Well							I Type Well Category		Operator
Net 30	#1		Peach Grove	Ness	Val Energy #2	Oil	Development		Cement LongStr	Blaine	
PRICE REF. DESCRIPTION							QTY	ł	UM	UNIT PRICE	AMOUNT
575D 578D-L 402-5 403-5 404-5 406-5 407-5 330 325 284 283 285 276 281 221 290 581D 582D		Pun 5 1/ 5 1/ 5 1/ 5 1/ 5 1/ 5 1/ Swi Stan Cals Salt CFF Floc Muc Liqu D-A Serv Min	R-1 cele d Flush uid KCL (Clayfix .ir vice Charge Ceme imum Drayage C	et Plug & Baffle noe With Auto Standard (MID Standard (MID ) ent harge				50 50	Sack(s) Lb(s) Lb(s)	$\begin{array}{c} 6.00\\ 1.500.00\\ 70.00\\ 250.00\\ 2.400.00\\ 250.00\\ 350.00\\ 90.00\\ 16.50\\ 13.50\\ 35.00\\ 0.20\\ 4.00\\ 2.00\\ 1.25\\ 25.00\\ 35.00\\ 2.00\\ 250.00\\ \end{array}$	120.00 1,500.00 70.00T 750.00T 2,400.00T 250.00T 350.00T 810.00T 2,062.50T 1,350.00T 175.00T 100.00T 200.00T 100.00T 625.00T 100.00T 70.00T 450.00 250.00 11.732.50 592.99
We Aj	ppre	cia	ite Your I	Busines	5				Tota		\$12,325.49

SWIFT OPERATOR	MUST BE SIGNED BY CUS START OF WORK OR DEL X DATE SIGNED	LEGAL TERMS: Customer hereby the terms and conditions on the reve but are not limited to, PAYMENT, I LIMITED WARRANTY provisions.	409	407	clon	403	602	575	PRICE	4. REFERRAL LOCATION	3. 2.	1. The service Locations	Sen	(5)
CUSTON	MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS X DATE SIGNED	<b>LEGAL TERMS:</b> Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, <b>PAYMENT</b> , <b>RELEASE</b> , <b>INDEMNITY</b> , and <b>LIMITED WARRANTY</b> provisions.							SECONDARY REFERENCE/ PART NUMBER	INVOICE INSTRUCTIONS	U SERVICE WELL TYPE	The KS WELL/PROJECT NO	Services, Inc.	WIFT
ER ACCEP1		ges and ag eof which i INDEMNIT	2	1	4		)	-		otions 💉	CONTRACTOR	Ō		CHA ADD
APREOVAL		rees to nclude, 'Y, and							ACCOUNTING ACCT DF	Der			CITY, STATE, ZIP CODE	CHARGE TO: ADDRESS
FERIALS AN	P.O. BOX 466 NESS CITY, KS 67560 785-798-2300	REMIT PAYMENT TO:	TUT-bulizon.	Insect flat she ware	Collar humaling & hall	Cenut Basket	Pump Chevryl	MILEAGE TRK 114	F DESCRIPTION	ewit _	WELL CATEGORY JOB PURPOSE	PackStove 17 Read	CODE	Palanino Petroleum
ledges receipt of	WE OPERATED AND PERFORM CALCULATIONS SATISFACTORIL ARE YOU SATIS	SURVEY OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? WE UNDERSTOOD AND MET YOUR NEEDS? OUR SERVICE WAS		STO FILL					and the second s	X	VICT	STATE		
CUSTOMER DID NOT WISH TO RESPOND opt of the materials and services listed on the customer of the materials.	PERFORMED WITHOUT DELAY? WE OPERFATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? ARE YOU SATISFIED WITH OUR SERVICE? ARE YOU SATISFIED WITH OUR SERVICE?	SURVEY AGREE Alent Performed Reakdown? Tood and Jeeds? E WAS	 	52 4		52 57	53 04	20 mi	QTY. UM		DELIV	CITY UHrea		]
S listed on this ticket	8	E DECIDED AGREE	 9 24	104	1 eu	3 09	00		QTY. VIM			D		
	TOTAL	PAGE TOTAL	 00 m	255 co	2400 00	25000	1500 00	600	UNIT	17-17-25W	ORDER NO.	DATE OWNER	PAGE 1	TICKET
	-592 99 -292 99	6250 00 5482 50 11.732 50	 8/0 00	252 as	00/00/00	many succession of	20/00/00	120 00	AMOUNT	W			_ء بر	90

e d	×.	<u> </u>	Left -								290	1 23	188	276	285	283	284	325	330	PRICE S	Setwices,	NINS'
																				SECONDARY REFERENCE/ PART NUMBER	Ness Off	
																		<u> </u>		ACCOUNTING LOC ACCT DF TIME	Ness City, KS 67560 Off: 785-798-2300	PO Box 466.
	CHARGE TOTAL WEIGHT LOADED MILES	SERVICE DHARGE	Dray dial (with)								D-AIR C	KCL line it	mudflush	Arcele	CPR-1	Sact		STOMOARD coment (Forcate)	SMD coment	ME DESCRIPTION	CUSTOMER PENDELOWA	TICKET CONTINUATION
CONTIN	TON MILES	CUBIC FEET	104	 		 	 	 	 		201	Hoel	520 921		50 16	520 16	500/16 5/165	100 SK	125 SK	OTTY. UM OTY. I UM	Well Percenter #1	
CONTINUATION TOTAL		095	-	 	 	 				 	25-100	2.8 00	1 25	2100	400	0 340	35700	13,50	16:50	UNIT PRICE	ME SEP 12	TICKET No. 23280
5482.50		450 00	00 024	 		 	 		 	 	20 07	100 00	62500	20100	200 00	00/00/00	175700	1350 00	2062 50	AMOUNT	PAGE OF	

SWIFT Services, Inc. JOB LOG DATE SEP 12 PAGE NO. Polanino Petroleum WELL NO. coment long string TICKET NO. 232.80 LEASE Peoch GROVE 17 RATE (BPM) VOLUME (BBL) (GAL) CHART PUMPS PRESSURE (PSI) TIME DESCRIPTION OF OPERATION AND MATERIALS NO. TC TUBING CASING 125 52 SMD w/ ## flacele 100sk 202 w/ 4 # Placet RTD 4593' 111 jt = 52 14# 32 4590' Slove jt 31' Bet Coller #66 1832' Controlizer 1, 2, 3, 4, 50, 8, 10, 12,65 Brishet 2, 7, 66 out 109, 110, 111, 112, 115 0930 onloc TPK 114 start 53" 14" Casive in well 1015 Drophall - circulates 1200 43 200 Pump 500gal midFluch 200 Pump 20 bbl KCL fluch 1300 12 43 20 Phy RH - MH 30545 - 2054 フ 1310 Mix SWD cenut 75540 @ 12.7 ppg mix 2A-2 coment 100545 @ 15.3 ppg 437 437 1315 200 27 24 200 Drop latch down olig wesh out pump & line 1335 6 634 1330 Displace plug 200 634 100 45D 63 111 Land plug 1500 Release pressue to truck - doved up 1400 1405 yash teick Rack up Job complete 1440 Hute Blaine, DANE, and ROB 24



# DRILL STEM TEST REPORT

Prepared For:

ş t

**Palomino Petroleum** 

4924 SE 84th Street Newton, KS. 67114

ATTN: John Holdsmith

#1 Peach Grove "17"

### 17-17s-25w Ness,KS

 Start Date:
 2012.09.08 @ 08:36:39

 End Date:
 2012.09.08 @ 18:32:54

 Job Ticket #:
 47861
 DST #: 1

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

Printed: 2012.09.21 @ 10:38:36

	DRILL STEM TE	251 REP	ORI			
	Palomino Petroleum		17-	17s-25w	Ness,KS	
RILOBITE	4924 SE 84th Street New ton, KS. 67114			Peach ( Ticket: 47	Grove "17	" DST#:1
	ATTN: John Holdsmith				)12.09.08 @	
GENERAL INFORMATION:	Į					**********
Formation:Ft ScottDeviated:NoWhipstock:Time Tool Opened:13:48:09Time Test Ended:18:32:54	0.00 ft (KB)		Test Test Unit	ter:	Conventiona Jason McLei 54	l Bottom Hole (Init more
Interval:4360.00 ft (KB) To4Total Depth:4410.00 ft (KB) (THole Diameter:7.88 inchesHol			Refe	erence Ee KB t	evations: to GR/CF:	2530.00 ft (Kl 2520.00 ft (Cl 10.00 ft
Serial #: 8366 Inside						
Serial #.0300InsidePress@RunDepth:48.11 psigStart Date:2012.09.08Start Time:08:36:41	<ul> <li>@ 4397.00 ft (KB)</li> <li>End Date:</li> <li>End Time:</li> </ul>	2012.09.08 18:32:54	Capacity: Last Calit Time On I Time Off	o.: Btm:	2012.09.08 ( 2012.09.08 (	-
Pressure vs. "	Time 5300 Temperature				RE SUMM	
2000 Presure 2000 2000 2000 100		Time (Min.) (Min	Pressure (psig) 2149.20 38.72 38.06 804.03 35.44 48.11 658.27 2135.05	110.50 109.78 110.60 110.35	Shut-In(2) End Shut-I	o-static low (1) n(1) low (2) n(2)
Recovery			+ <b> </b>	Ga	s Rates	
Length (ft) Description	Volume (bbl)			Choke (	inches) Pressu	re (psig) Gas Rate
60.00 Gassy Frothy Oil-70%G	-30%O 0.84 0.00					
0.00 600' Gas In Pipe						

ATT.	RILOBITE	DRILL STEM TE	ST REP	ORT		
	Charles and the second second	Palomino Petroleum		17-17s-2	25w Ness,K	(S
	ESTING , INC	4924 SE 84th Street		#1 Pea	ch Grove "	17"
	-	New ton, KS. 67114			t: 47861	
	-	ATTN: John Holdsmith		Test Star	: 2012.09.08	@ 08:36:39
GENERAL	INFORMATION:					
	<b>Ft Scott</b> No Whipstock: ened: 13:48:09 ded: 18:32:54	0.00 ft (KB)		Test Type Tester: Unit No:	e: Conventio Jason Mc 54	onal Bottom Hole (Initia Lemore
Interval:	4360.00 ft (KB) To 44			Referenc	e ⊟evations:	· ·
Total Depth:	4410.00 ft (KB) (T					2520.00 ft (CF
Hole Diameter	r: 7.88 inchesHole	e Condition: Good			KB to GR/CF:	10.00 ft
Serial #: 4 Press@RunD Start Date: Start Time:		<ul> <li>@ 4397.00 ft (KB)</li> <li>End Date:</li> <li>End Time:</li> </ul>	2012.09.08 18:33:09	Capacity: Last Calib.: Time On Btm: Time Off Btm:		8000.00 psig 2012.09.08
TEST COM	IMENT: IFP-Fair Blow, Bi ISI-Dead FFP-Good Blow, FSI-Dead	BOB in 6 Min.		DDEO		
	ISI-Dead FFP-Good Blow ,	BOB in 6 Min.	Time (Min.)	Pressure Ter	· 1	
	ISI-Dead FFP-Good Blow , FSI-Dead Pressure vs. 1	BOB in 6 Min. Time	5 (Min.) 5 Temperature		np Annota	
	ISI-Dead FFP-Good Blow , FSI-Dead	BOB in 6 Min.	5 (Min.) 5 Temperature	Pressure Ter	np Annota	ation
220 1720 120 120 120 200 200 200 200 2	ISI-Dead FFP-Good Blow , FSI-Dead Pressure vs. 1 COOD Pressure Pressure vs. 1 Pressure vs. 1 Tressure vs. 1 Pressure vs. 1 Tressure vs. 1 Description	BOB in 6 Min.	5 (Min.) 5 Temperature	Pressure Ter (psig) (deg	Gas Rates	ation
220 1720 1200 1000 1	ISI-Dead FFP-Good Blow , FSI-Dead Pressure vs. 1 Pressure vs. 1 Pressure vs. 1 Pressure vs. 1 Tree (Hour) Recovery Description Gassy Frothy Oil-70%G-	BOB in 6 Min.	5 (Min.) 5 Temperature	Pressure Ter (psig) (deg	Gas Rates	ation
220 1720 120 120 120 200 200 200 200 2	ISI-Dead FFP-Good Blow , FSI-Dead Pressure vs. 1 COOD Pressure Pressure vs. 1 Pressure vs. 1 Tressure vs. 1 Pressure vs. 1 Tressure vs. 1 Description	BOB in 6 Min.	5 (Min.) 5 Temperature	Pressure Ter (psig) (deg	Gas Rates	ation

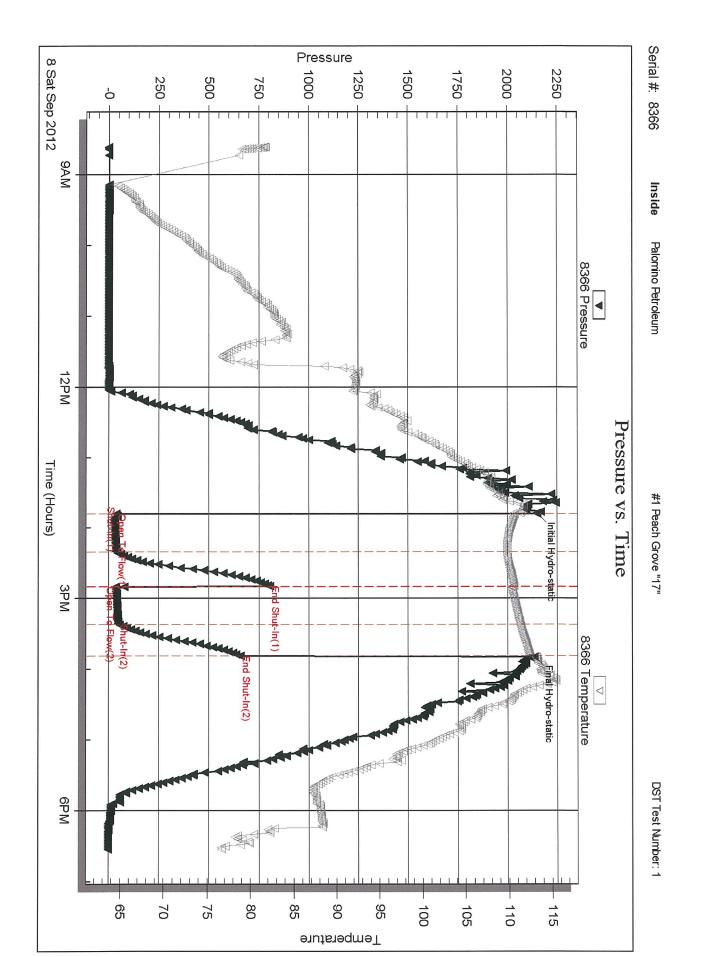
RILOE		DRIL	L STE	MTEST	REPOR	Т	TOOL DIAG
		Palomino	Petroleum			17-17s-25w Ness,KS	;
	<b>FING</b> , INC	4924 SE	84th Street			#1 Peach Grove "1	7"
		New ton,	KS. 67114			Job Ticket: 47861	DST#:1
		ATTN:	John Holdsmi	ith		Test Start: 2012.09.08 @	08:36:39
Tool Information							
Drill Pipe: Length:	4358.00 ft	Diameter:	3.80 inc	hes Volume:	61.13 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe: Length:		Diameter:	2.70 inc	hes Volume:	0.00 bbl	Weight set on Packer	: 25000.00 lb
Drill Collar: Length:	0.00 ft	Diameter:	2.25 inc	hes Volume:	0.00 bbl	Weight to Pull Loose:	
Drill Pipe Above KB:	26.00 ft		-	Total Volume:	61.13 bbl	Tool Chased	0.00 ft
Depth to Top Packer:	4360.00 ft					String Weight: Initial	90000.00 lb
Depth to Bottom Packer:	ft					Final	91000.00 lb
Interval between Packers:	50.00 ft						
Tool Length:	78.00 ft						
Number of Packers:	2	Diameter:	6.75 inc	hes			
Tool Comments:							
Tool Description	Lei		Serial No.	Position		ccum. Lengths	
Tool Description Change Over Sub	Lei	1.00	Serial No.	Position	4333.00	ccum. Lengths	
Tool Description Change Over Sub Shut In Tool	Lei	1.00 5.00	Serial No.	Position	4333.00 4338.00	ccum. Lengths	
<b>Tool Description</b> Change Over Sub Shut In Tool Hydraulic tool	Lei	1.00 5.00 5.00	Serial No.	Position	4333.00 4338.00 4343.00	ccum. Lengths	
<b>Tool Description</b> Change Over Sub Shut In Tool Hydraulic tool Jars	Lei	1.00 5.00 5.00 5.00 5.00	Serial No.	Position	4333.00 4338.00 4343.00 4348.00	ccum. Lengths	
Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint	Lei	1.00 5.00 5.00 5.00 2.00	Serial No.	Position	4333.00 4338.00 4343.00 4348.00 4350.00		
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 5.00	Serial No.	Position	4333.00 4338.00 4343.00 4348.00 4350.00 4355.00	ccum. Lengths	Bottom Of Top Pa
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 5.00	Serial No.	Position	4333.00 4338.00 4343.00 4348.00 4350.00 4355.00 4360.00		Bottom Of Top Pa
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 1.00	Serial No.	Position	4333.00 4338.00 4343.00 4348.00 4350.00 4355.00 4360.00 4361.00		Bottom Of Top Pa
Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Perforations	Lei	1.00 5.00 5.00 2.00 5.00 5.00 5.00 1.00 3.00	Serial No.	Position	4333.00 4338.00 4343.00 4348.00 4350.00 4355.00 4360.00 4361.00 4364.00		Bottom Of Top Pa
Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Perforations Change Over Sub	Lei	1.00 5.00 5.00 2.00 5.00 5.00 1.00 3.00 1.00	Serial No.	Position	4333.00 4338.00 4343.00 4348.00 4355.00 4355.00 4360.00 4361.00 4364.00 4365.00		Bottom Of Top Pa
Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Perforations Change Over Sub Blank Spacing	Lei	1.00 5.00 5.00 5.00 5.00 5.00 5.00 1.00 3.00 1.00 31.00	Serial No.	Position	4333.00 4338.00 4343.00 4348.00 4355.00 4355.00 4360.00 4361.00 4364.00 4365.00 4396.00		Bottom Of Top Pa
Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Packer Stubb Perforations Change Over Sub Blank Spacing Change Over Sub	Lei	1.00 5.00 5.00 2.00 5.00 5.00 1.00 3.00 1.00 31.00 1.00			4333.00 4338.00 4343.00 4348.00 4355.00 4355.00 4360.00 4364.00 4364.00 4365.00 4396.00 4397.00		Bottom Of Top Pa
Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Packer Stubb Perforations Change Over Sub Blank Spacing Change Over Sub Recorder	Lei	1.00 5.00 5.00 2.00 5.00 5.00 1.00 3.00 1.00 31.00 1.00 0.00	8366	Inside	4333.00 4338.00 4343.00 4348.00 4355.00 4355.00 4360.00 4364.00 4364.00 4365.00 4396.00 4397.00		Bottom Of Top Pa
Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Packer Stubb Perforations Change Over Sub Blank Spacing Change Over Sub Recorder Recorder	Lei	1.00 5.00 5.00 2.00 5.00 5.00 1.00 3.00 1.00 31.00 1.00 0.00 0.00			4333.00 4338.00 4343.00 4348.00 4355.00 4355.00 4360.00 4361.00 4365.00 4365.00 4396.00 4397.00 4397.00		Bottom Of Top Pa
Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Packer Stubb Perforations Change Over Sub Blank Spacing Change Over Sub Recorder	Lei	1.00 5.00 5.00 2.00 5.00 5.00 1.00 3.00 1.00 31.00 1.00 0.00	8366	Inside	4333.00 4338.00 4343.00 4348.00 4355.00 4355.00 4360.00 4364.00 4364.00 4365.00 4396.00 4397.00	28.00	Bottom Of Top Pa

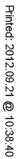
		DRIL	L STEM TEST REP	ORT		FLUID S	
	RILOBITE	Palomino	Petroleum	17 <b>-1</b> 7s	-25w Ness,KS		
	ESTING , INC	4924 SE	84th Street	#1 Pea	ch Grove "17	***	
		New ton,	KS. 67114	Job Tick	et: 47861	DST#:1	
		ATTN: 、	John Holdsmith	Test Sta	rt: 2012.09.08 @	) 08:36:39	
Mud and Cu	shion Information						
	el Chem		Cushion Type:		Oil API:		deg A
Mud Weight:	9.00 lb/gal		Cushion Length:	ft	Water Salini	ty:	ppm
Viscosity:	41.00 sec/qt		Cushion Volume:	bbl			
Water Loss:	8.38 in <sup>3</sup>		Gas Cushion Type:				
Resistivity:	ohm.m		Gas Cushion Pressure:	psig			
Salinity: Filter Cake:	2200.00 ppm inches						
Recovery In	formation		D 7 1 1				
			Recovery Table				
	Lengt ft	h	Description	Volur bbl			
		60.00	Gassy Frothy Oil-70%G-30%O		).842		
			600' Gas In Pipe		0.000		
	Total Length:	60.0		42 bbl			
	Num Fluid Sampl	les: 0	Num Gas Bombs: 0	Sei	rial #:		
	Num Fluid Sampl Laboratory Nam			Se	rial #:		
	Laboratory Nam	e:	Num Gas Bombs: 0 Laboratory Location:	Se	rial #:		
		e:		Se	rial #:		
	Laboratory Nam	e:		Se	rial #:		
	Laboratory Nam	e:		Se	rial #:		
	Laboratory Nam	e:		Se	rial #:		
	Laboratory Nam	e:		Se	rial #:		
	Laboratory Nam	e:		Se	rial #:		
	Laboratory Nam	e:		Se	rial #:		
	Laboratory Nam	e:		Se	rial #:		
	Laboratory Nam	e:		Se	rial #:		
	Laboratory Nam	e:		Se	rial #:		
	Laboratory Nam	e:		Se	rial #:		
	Laboratory Nam	e:		Se	rial #:		
	Laboratory Nam	e:		Se	rial #:		
	Laboratory Nam	e:		Se	rial #:		
	Laboratory Nam	e:		Se	rial #:		
	Laboratory Nam	e:		Se	rial #:		
	Laboratory Nam	e:		Se	rial #:		
	Laboratory Nam	e:		Se	rial #:		
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	Laboratory Nam	e:		Se	rial #:		
	Laboratory Nam	e:		Se	rial #:		



Ref. No: 47861

Trilobite Testing, Inc

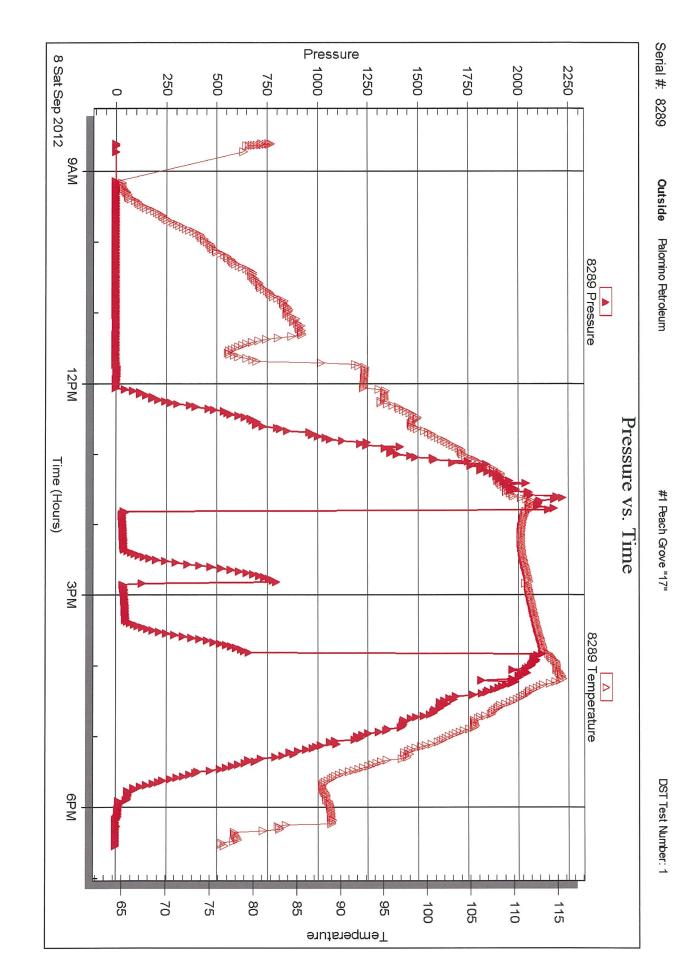




Ref. No:

47861

Trilobite Testing, Inc





# DRILL STEM TEST REPORT

Prepared For:

### **Palomino Petroleum**

4924 SE 84th Street Newton, KS. 67114

ATTN: John Holdsmith

#1 Peach Grove "17"

### 17-17s-25w Ness,KS

 Start Date:
 2012.09.09 @ 08:20:44

 End Date:
 2012.09.09 @ 15:50:44

 Job Ticket #:
 47862
 DST #:
 2

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

Printed: 2012.09.21 @ 10:37:50

The Tou on		RILL STEM TE	EST REP	ORT			
RILOBI	IIE Pal	lomino Petroleum		17-	17s-25w	Ness,KS	
I ESTI		24 SE 84th Street w ton, KS. 67114		#1	Peach (	Grove "17"	
		TN: John Holdsmith			Ticket: 47	7862 )12.09.09 @ (	DST#: 2
				165			
GENERAL INFORMATION Formation: Mississ							
Deviated: No V	Whipstock:	0.00 ft (KB)				Conventional	Bottom Hole (Rese
Time Tool Opened: 11:19:29 Time Test Ended: 15:50:44				Tes Unit		Jason McLerr 54	nore
	KB) To 4489.00	0 ft (KB) (TVD)			erence Ee		2530.00 ft (KB)
	) ft (KB) (TVD)						2520.00 ft (CF)
Hole Diameter: 7.88	3 inchesHole Con	dition: Good			KB t	to GR/CF:	10.00 ft
Serial #: 8366 In:	side						
	87.70 psig @	4456.00 ft (KB)		Capacity			8000.00 psig
	2012.09.09	End Date:	2012.09.09	Last Cali			012.09.09
Start Time:	08:20:46	End Time:	15:50:44	Time On Time Off		2012.09.09 @ 2012.09.09 @	
	Weak Blow , Built	10 2					
		10 2					
FSH				PI		RE SUMMA	
	Dead	년 전 8580 Temperaure	20 Time	Pressure	Temp	RE SUMMA	
FSHI 8000 Presure	Dead	Example           Store Hydrostanc           Store Hydrostanc	(Min.)	Pressure (psig)	Temp (deg F)	Annotatior	ו
220 220 220 Tresure	Dead	Example           Store Hydrostanc           Store Hydrostanc	" (Min.)	Pressure	Temp (deg F) 113.98	Annotatior	n -static
220 220 200 Presure	Dead	Example           Store Hydrostanc           Store Hydrostanc	(Min.) (0) (0) (0) (0) (0) (0) (0) (0) (0) (0	Pressure (psig) 2165.86 37.19 63.09	Temp (deg F) 113.98 113.15 113.29	Annotation Initial Hydro Open To Flo Shut-In(1)	-static bw (1)
220 000 Presure	Dead	Example           Store Hydrostanc           Store Hydrostanc	(Min.) (Min.) (0 1 (0 1 31 61	Pressure (psig) 2165.86 37.19 63.09 976.34	Temp (deg F) 113.98 113.15 113.29 114.88	Annotation Initial Hydro- Open To Flo Shut-In(1) End Shut-In	-static ow (1) (1)
220 200 Presure 200 100 Presure 200 100 100 100 100 100 100 100 100 100	Dead	8000 Temperature	(Min.) (0) (0) (0) (0) (0) (0) (0) (0) (0) (0	Pressure (psig) 2165.86 37.19 63.09 976.34 69.48	Temp (deg F) 113.98 113.15 113.29 114.88 114.55	Annotation Initial Hydro- Open To Flo Shut-In(1) End Shut-In Open To Flo	-static ow (1) (1)
220 000 Presure	Dead		(Min.) (0) (0) (0) (0) (0) (0) (0) (0) (0) (0	Pressure (psig) 2165.86 37.19 63.09 976.34 69.48 87.70	Temp (deg F) 113.98 113.15 113.29 114.88 114.55 117.76	Annotation Initial Hydro Open To Flo Shut-In(1) End Shut-In Open To Flo Shut-In(2)	-static bw (1) (1) bw (2)
220 200 Presure 200 100 Presure 200 100 100 100 100 100 100 100 100 100	Dead	800 Temperature	(Min.) (0) (0) (0) (0) (0) (0) (0) (0) (0) (0	Pressure (psig) 2165.86 37.19 63.09 976.34 69.48	Temp (deg F) 113.98 113.15 113.29 114.88 114.55	Annotation Initial Hydro Open To Flo Shut-In(1) End Shut-In(1) Open To Flo Shut-In(2) End Shut-In(2)	-static bw (1) (1) (2) (2)
220 2000 Presure 2000 Presure 2	Dead		(Min.) (Min.) (Min.) (Min.) (Min.) (Min.) (Min.) (Min.) (Min.) (Min.) (Min.) (Min.) (Min.) (1) (1) (1) (1) (2) (2) (2) (2) (2) (2) (2) (2	Pressure (psig) 2165.86 37.19 63.09 976.34 69.48 87.70 921.92	Temp (deg F) 113.98 113.15 113.29 114.88 114.55 117.76 118.06	Annotation Initial Hydro Open To Flo Shut-In(1) End Shut-In(1) Open To Flo Shut-In(2) End Shut-In(2)	-static bw (1) (1) (2) (2)
FSHI	Dead		(Min.) (Min.) (Min.) (Min.) (Min.) (Min.) (Min.) (Min.) (Min.) (Min.) (Min.) (Min.) (Min.) (1) (1) (1) (1) (2) (2) (2) (2) (2) (2) (2) (2	Pressure (psig) 2165.86 37.19 63.09 976.34 69.48 87.70 921.92	Temp (deg F) 113.98 113.15 113.29 114.88 114.55 117.76 118.06	Annotation Initial Hydro Open To Flo Shut-In(1) End Shut-In(1) Open To Flo Shut-In(2) End Shut-In(2)	-static bw (1) (1) (2) (2)
FSHI	Dead		(Min.) (0 (Min.) (1 (1) (0) (0) (0) (0) (0) (0) (0) (0) (0) (0	Pressure (psig) 2165.86 37.19 63.09 976.34 69.48 87.70 921.92	Temp (deg F) 113.98 113.15 113.29 114.88 114.55 117.76 118.06	Annotation Initial Hydro Open To Flo Shut-In(1) End Shut-In(1) Open To Flo Shut-In(2) End Shut-In(2)	-static bw (1) (1) (2) (2)
FSHI	Dead	2000 Temperature	(Min.) (0 (Min.) (1 (1) (0) (0) (0) (0) (0) (0) (0) (0) (0) (0	Pressure (psig) 2165.86 37.19 63.09 976.34 69.48 87.70 921.92	Temp (deg F) 113.98 113.15 113.29 114.88 114.55 117.76 118.06	Annotation Initial Hydro Open To Flo Shut-In(1) End Shut-In(1) Open To Flo Shut-In(2) End Shut-In(2)	-static bw (1) (1) (2) (2)
FSHI	Dead	EXE         1           EXE         1           EXE         1           Frage         1           Frage     <	(Min.) (0 (Min.) (1 (1) (0) (0) (0) (0) (0) (0) (0) (0) (0) (0	Pressure (psig) 2165.86 37.19 63.09 976.34 69.48 87.70 921.92	Temp (deg F) 113.98 113.15 113.29 114.88 114.55 117.76 118.06	Annotation Initial Hydro Open To Flo Shut-In(1) End Shut-In(1) Open To Flo Shut-In(2) End Shut-In(2)	-static bw (1) (1) (2) (2)
FSHI	Dead Pressure vs. Time	SOD Temperature	(Min.) (0 (Min.) (1 (1) (0) (0) (0) (0) (0) (0) (0) (0) (0) (0	Pressure (psig) 2165.86 37.19 63.09 976.34 69.48 87.70 921.92	Temp (deg F) 113.98 113.15 113.29 114.88 114.55 117.76 118.06 118.26	Annotation Initial Hydro Open To Flo Shut-In(1) End Shut-In Open To Flo Shut-In(2) End Shut-In Final Hydro-	-static bw (1) (1) bw (2) (2) -static
FSHI 200 170 120 120 120 120 120 120 120 120 120 12	Dead Pressure vs. Time Pressure vs. Time Pressur	ESC TETPERUre	(Min.) (0 (Min.) (1 (1) (0) (0) (0) (0) (0) (0) (0) (0) (0) (0	Pressure (psig) 2165.86 37.19 63.09 976.34 69.48 87.70 921.92	Temp (deg F) 113.98 113.15 113.29 114.88 114.55 117.76 118.06 118.26	Annotation Initial Hydro Open To Flo Shut-In(1) End Shut-In Open To Flo Shut-In(2) End Shut-In Final Hydro-	-static bw (1) (1) bw (2) (2) -static
FSHI 200 170 120 120 120 120 120 120 120 120 120 12	Dead Pressure vs. Time	SOD Temperature	(Min.) (0 (Min.) (1 (1) (0) (0) (0) (0) (0) (0) (0) (0) (0) (0	Pressure (psig) 2165.86 37.19 63.09 976.34 69.48 87.70 921.92	Temp (deg F) 113.98 113.15 113.29 114.88 114.55 117.76 118.06 118.26	Annotation Initial Hydro Open To Flo Shut-In(1) End Shut-In Open To Flo Shut-In(2) End Shut-In Final Hydro-	-static bw (1) (1) bw (2) (2) -static
FSHI 200 170 120 120 120 120 120 120 120 120 120 12	Dead Pressure vs. Time Pressure vs. Time Pressur	ESC TETPERUre	(Min.) (0 (Min.) (1 (1) (0) (0) (0) (0) (0) (0) (0) (0) (0) (0	Pressure (psig) 2165.86 37.19 63.09 976.34 69.48 87.70 921.92	Temp (deg F) 113.98 113.15 113.29 114.88 114.55 117.76 118.06 118.26	Annotation Initial Hydro Open To Flo Shut-In(1) End Shut-In Open To Flo Shut-In(2) End Shut-In Final Hydro-	-static bw (1) (1) bw (2) (2) -static
FSHI 200 170 120 120 120 120 120 120 120 120 120 12	Dead Pressure vs. Time Pressure vs. Time Pressur	ESC TETPERUre	(Min.) (0 (Min.) (1 (1) (0) (0) (0) (0) (0) (0) (0) (0) (0) (0	Pressure (psig) 2165.86 37.19 63.09 976.34 69.48 87.70 921.92	Temp (deg F) 113.98 113.15 113.29 114.88 114.55 117.76 118.06 118.26	Annotation Initial Hydro Open To Flo Shut-In(1) End Shut-In Open To Flo Shut-In(2) End Shut-In Final Hydro-	-static bw (1) (1) bw (2) (2) -static
FSHI 200 170 120 120 120 120 120 120 120 120 120 12	Dead Pressure vs. Time Pressure vs. Time Pressur	ESC TETPERUre	(Min.) (0 (Min.) (1 (1) (0) (0) (0) (0) (0) (0) (0) (0) (0) (0	Pressure (psig) 2165.86 37.19 63.09 976.34 69.48 87.70 921.92	Temp (deg F) 113.98 113.15 113.29 114.88 114.55 117.76 118.06 118.26	Annotation Initial Hydro Open To Flo Shut-In(1) End Shut-In Open To Flo Shut-In(2) End Shut-In Final Hydro-	-static bw (1) (1) bw (2) (2) -static
FSHI 200 170 120 120 120 120 120 120 120 120 120 12	Dead Pressure vs. Time Pressure vs. Time Pressur	ESC TETPERUre	(Min.) (0 (Min.) (1 (1) (0) (0) (0) (0) (0) (0) (0) (0) (0) (0	Pressure (psig) 2165.86 37.19 63.09 976.34 69.48 87.70 921.92	Temp (deg F) 113.98 113.15 113.29 114.88 114.55 117.76 118.06 118.26	Annotation Initial Hydro Open To Flo Shut-In(1) End Shut-In Open To Flo Shut-In(2) End Shut-In Final Hydro-	-static bw (1) (1) bw (2) (2) -static

	DRILL STEM TE	EST REPO	ORT				
RILOBITE	Palomino Petroleum		17-1	17s-25w	/ Ness,K	s	
TESTING, INC			#1 F	Peach	Grove "1	17"	
	New ton, KS. 67114		Job	Ticket: 4	7862	DST	#:2
	ATTN: John Holdsmith		Test	Start: 2	012.09.09 (	@ 08:20:44	1
GENERAL INFORMATION:	• · · · · · · · · · · · · · · · · · · ·						
Formation:MississippiDeviated:NoWhipstock:Time Tool Opened:11:19:29Time Test Ended:15:50:44	0.00 ft (KB)		Test Test Unit	er:	Conventior Jason McL 54	nal Bottom	Hole (Rese
Interval:4420.00 ft (KB) To44Total Depth:4489.00 ft (KB) (THole Diameter:7.88 inchesHole			Refe		evations: to GR/CF:	2520.	00 ft(KB) 00 ft(CF) 00 ft
Serial #: 8289OutsidePress@RunDepth:psigStart Date:2012.09.09Start Time:08:20:45	@ 4456.00 ft (KB) End Date: End Time:	2012.09.09 15:50:58	Capacity: Last Calib Time On E Time Off	o.: Btm:		8000. 2012.09.	00 psig 09
FFP-Weak Blow FSI-Dead	, Built to 2"						
FSI-Dead Pressure vs. 7	Time 6300 Temperature	Time	PF	RESSU	RE SUM		
FSI-Dead Pressure vs. 7	Fime ESSD Temperature Tempera	22 Time (Min.) 20 20 20 20 20 20 20			Annota		
FSI-Dead	Fime ESSP Temperature Tempera	122 (Min.) 110 20 τ τ τ τ τ τ τ τ τ τ τ τ τ τ τ τ τ τ τ	Pressure	Temp (deg F)	Annota		
FSI-Dead Pressure vs. 1 200 100 100 100 100 100 100 10	Fime ESSD Temperature Temperature SPM	122 (Min.) 110 20 τ τ τ τ τ τ τ τ τ τ τ τ τ τ τ τ τ τ τ	Pressure	Temp (deg F)	Annota		Gas Rate (M
FSI-Dead Pressure vs. T	Fime ESSD Temperature Temperature SPM	122 (Min.) 110 20 τ τ τ τ τ τ τ τ τ τ τ τ τ τ τ τ τ τ τ	Pressure	Temp (deg F)	Annota	tion	Gas Rate (M
FSI-Dead Pressure vs. 1 200 100 100 100 100 100 100 10	Fime ESSD Temperature Temperature SPM	122 (Min.) 110 20 τ τ τ τ τ τ τ τ τ τ τ τ τ τ τ τ τ τ τ	Pressure	Temp (deg F)	Annota	tion	Gas Rate (M

			DRII	LL STE	M TEST	REPOR	<del>۲</del> ۲	TOOL DIAGR
	RILOE			o Petroleum			17-17s-25w Ness,	KS
	I EST	TING , INC	4924 SI	E84th Street			#1 Peach Grove	"17"
			New ton	, KS. 67114			Job Ticket: 47862	DST#:2
			ATTN:	John Holdsm	ith		Test Start: 2012.09.0	9 @ 08:20:44
Tool Informatio	on			**************************************				
Drill Pipe:	Length:	4419.00 ft	Diameter:	3.80 inc	hes Volume:	61.99 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	-		Diameter:		hes Volume:	0.00 bbl	Weight set on Pac	ker: 25000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	2.25 inc	hes Volume:	0.00 bbl	Weight to Pull Loos	se: 94000.00 lb
	/D·	27.00 ft			Total Volume:	61.99 bbl		0.00 ft
Drill Pipe Above k Depth to Top Pac		4420.00 ft					String Weight: Initi	
Depth to Bottom F		4420.00 ft					Fina	al 91000.00 lb
Interval between		69.00 ft						
Tool Length:		97.00 ft						
Number of Packe	rs:	2	Diameter:	6.75 inc	hes			
Tool Comments:								
	n	Le	nath (ff)	Serial No.	Position	Depth (ft)	Accum Lengths	
Tool Descriptic		Le		Serial No.	Position		Accum. Lengths	
<b>Tool Descriptic</b> Change Over Sub		Le	1.00	Serial No.	Position	4393.00	Accum. Lengths	
<b>Tool Descriptic</b> Change Over Sul Shut In Tool		Le		Serial No.	Position		Accum. Lengths	
<b>Tool Descriptic</b> Change Over Sut Shut In Tool Hydraulic tool		Le	1.00 5.00	Serial No.	Position	4393.00 4398.00	Accum. Lengths	
<b>Tool Descriptic</b> Change Over Sul Shut In Tool Hydraulic tool Jars		Le	1.00 5.00 5.00	Serial No.	Position	4393.00 4398.00 4403.00	Accum. Lengths	
<b>Tool Descriptic</b> Change Over Sul Shut In Tool Hydraulic tool Jars Safety Joint		Le	1.00 5.00 5.00 5.00	Serial No.	Position	4393.00 4398.00 4403.00 4408.00	Accum. Lengths	Bottom Of Top Pack
<b>Tool Descriptic</b> Change Over Sut Shut In Tool Hydraulic tool Jars Safety Joint Packer		Le	1.00 5.00 5.00 5.00 2.00	Serial No.	Position	4393.00 4398.00 4403.00 4408.00 4410.00		Bottom Of Top Pack
Tool Descriptic Change Over Sul Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb		Le	1.00 5.00 5.00 2.00 5.00 5.00 5.00 1.00	Serial No.	Position	4393.00 4398.00 4403.00 4408.00 4410.00 4415.00 4420.00 4421.00		Bottom Of Top Pack
Tool Descriptic Change Over Sut Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Perforations	b	Le	1.00 5.00 5.00 2.00 5.00 5.00 5.00 1.00 2.00	Serial No.	Position	4393.00 4398.00 4403.00 4408.00 4410.00 4415.00 4420.00 4421.00 4423.00		Bottom Of Top Pack
Tool Descriptic Change Over Sut Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Perforations Change Over Sut	b	Le	1.00 5.00 5.00 2.00 5.00 5.00 1.00 2.00 1.00	Serial No.	Position	4393.00 4398.00 4403.00 4408.00 4410.00 4415.00 4420.00 4421.00 4423.00 4424.00		Bottom Of Top Pack
Tool Descriptic Change Over Sut Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Perforations Change Over Sut Blank Spacing	þ	Le	1.00 5.00 5.00 2.00 5.00 5.00 1.00 2.00 1.00 31.00	Serial No.	Position	4393.00 4398.00 4403.00 4408.00 4410.00 4415.00 4420.00 4421.00 4423.00 4424.00 4455.00		Bottom Of Top Pack
Tool Descriptic Change Over Sul Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Perforations Change Over Sul Blank Spacing Change Over Sul	þ	Le	1.00 5.00 5.00 2.00 5.00 5.00 1.00 2.00 1.00 31.00			4393.00 4398.00 4403.00 4408.00 4410.00 4415.00 4420.00 4421.00 4423.00 4423.00 4425.00 4455.00		Bottom Of Top Pack
Tool Descriptic Change Over Sut Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Perforations Change Over Sut Blank Spacing Change Over Sut Recorder	þ	Le	1.00 5.00 5.00 2.00 5.00 5.00 1.00 2.00 1.00 31.00 1.00 0.00	8366	Inside	4393.00 4398.00 4403.00 4408.00 4410.00 4415.00 4420.00 4421.00 4423.00 4424.00 4455.00 4456.00		Bottom Of Top Pack
Tool Descriptic Change Over Sul Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Perforations Change Over Sul Blank Spacing Change Over Sul Recorder Recorder	þ	Le	1.00 5.00 5.00 2.00 5.00 5.00 1.00 2.00 1.00 31.00 1.00 0.00			4393.00 4398.00 4403.00 4408.00 4410.00 4415.00 4420.00 4421.00 4423.00 4424.00 4425.00 4456.00 4456.00		Bottom Of Top Pack
Tool Descriptic Change Over Sul Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Perforations Change Over Sul Blank Spacing Change Over Sul Recorder Recorder Perforations	þ	Le	1.00 5.00 5.00 2.00 5.00 5.00 1.00 2.00 1.00 31.00 1.00 0.00 0.00 30.00	8366	Inside	4393.00 4398.00 4403.00 4408.00 4410.00 4415.00 4420.00 4421.00 4423.00 4424.00 4455.00 4456.00 4456.00 4456.00 4486.00	28.00	
Tool Description Change Over Sut Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Packer Stubb Perforations Change Over Sut Blank Spacing Change Over Sut Blank Spacing Change Over Sut Recorder Recorder Perforations Bullnose	þ		1.00 5.00 5.00 2.00 5.00 5.00 1.00 2.00 1.00 31.00 1.00 0.00	8366	Inside	4393.00 4398.00 4403.00 4408.00 4410.00 4415.00 4420.00 4421.00 4423.00 4424.00 4425.00 4456.00 4456.00		Bottom Of Top Packs

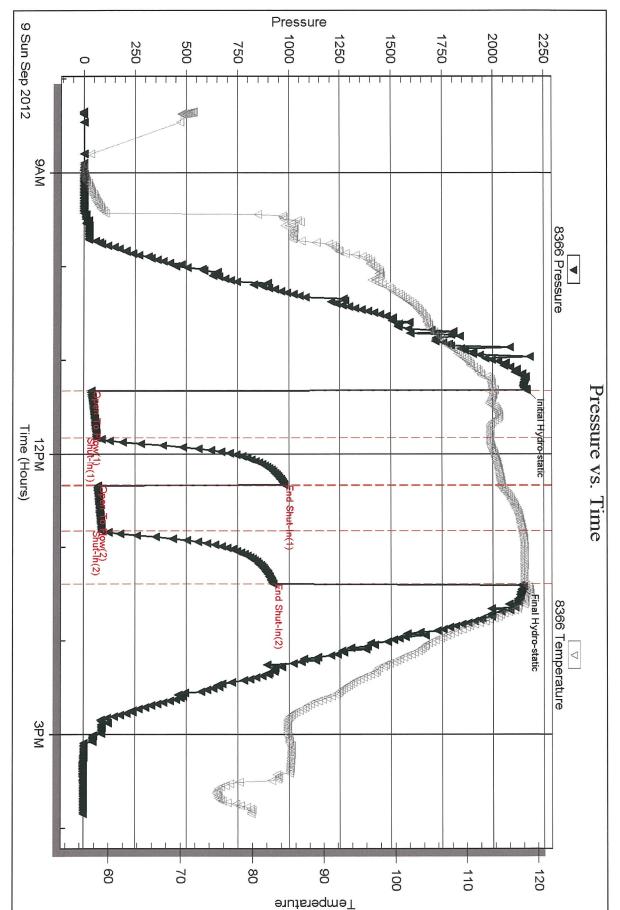
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ATTEN T		, D	RILL S	TEM TEST R	REPORT	-		FLUID S	UMMAF
	RILOBIT	Fai	omino Petrole	um		17-17s-25v	v Ness,KS		
	<b>E</b> STIN	1 10	24 SE 84th St			#1 Peach	Grove "17"		
		Ne	w ton, KS. 67	'114		Job Ticket: 4	7862	DST#: 2	
		AT	TN: John Ho	ldsmith		Test Start: 2	012.09.09 @ 0	8:20:44	
Mud and Cus	hion Inform	nation							
Mud Type: Gel				Cushion Type:			Oil API:		deg AP
Mud Weight:	9.00 lb/ga			Cushion Length:		ft	Water Salinity		ppm
Viscosity:	41.00 sec.	/qt		Cushion Volume:		bbl			
Water Loss:	8.37 in³			Gas Cushion Type:					
Resistivity:	ohm	ı.m	(	Gas Cushion Pressure	:	psig			
Salinity:	2200.00 ppm	ı							
Filter Cake:	inch	ies							
	[	Longth		Recovery Table		Volume	7		
		Length ft		Description		Volume bbl			
		130.0		t Oil-55%O-45%M		1.824	Ŀ		
		U U	130.00 ft	Total Volume:	1.824 bbl				
		luid Samples: 0	1	Num Gas Bombs:	0	Serial #	:		
		atory Name:		Laboratory Location	1:				
	Recov	ery Comments							



Ref. No: 47862

Trilobite Testing, Inc

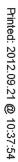


Serial #: 8366 Inside Pa

ide Palomino Petroleum

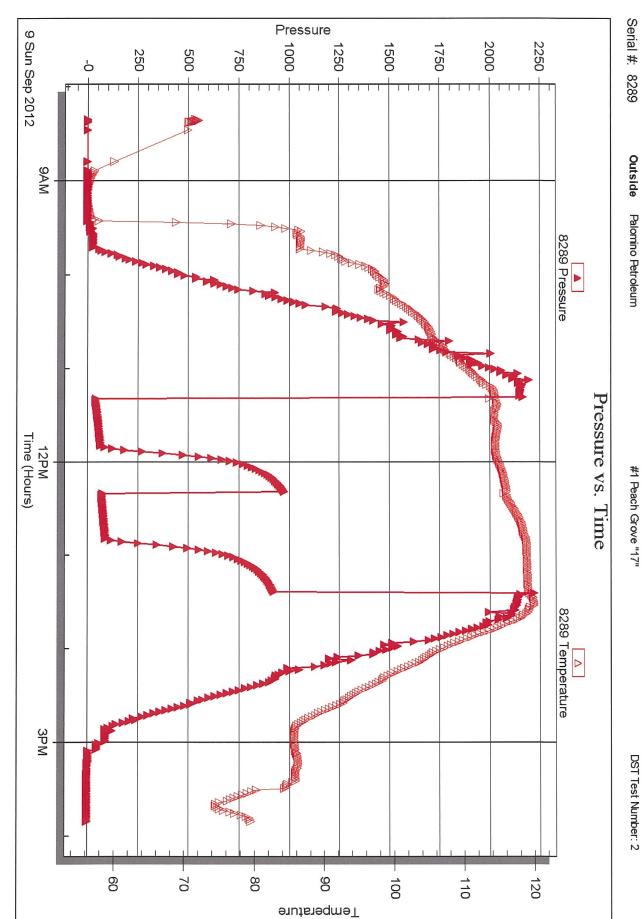
#1 Peach Grove "17"

DST Test Number: 2



Ref. No: 47862

Trilobite Testing, Inc



DST Test Number: 2

Serial #: 8289 Outside Palomino Petroleum



# DRILL STEM TEST REPORT

Prepared For: Palomino Petroleum

4924 SE 84th Street Newton, KS. 67114

ATTN: John Holdsmith

#1 Peach Grove "17"

### 17-17s-25w Ness,KS

 Start Date:
 2012.09.10 @ 00:36:14

 End Date:
 2012.09.10 @ 09:42:29

 Job Ticket #:
 47863
 DST #:
 3

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

Printed: 2012.09.21 @ 10:37:05

RILOBITE	Palomino Petroleum		17-'	17s-25w	Ness,KS		
ESTING, INC							
	4924 SE 84th Street New ton, KS. 67114			Ticket: 47	<b>Grove "17</b> '863	DST#:3	
	ATTN: John Holdsmith		Test	Start: 20	12.09.10 @		
GENERAL INFORMATION:							
ormation: <b>Mississippi</b> Veviated: No Whipstock: Time Tool Opened: 04:51:14 Time Test Ended: 09:42:29	0.00 ft (KB)		Test Test Unit	ter: J	Conventiona Jason McLei 54	ll Bottom Hole (R more	eset)
tterval:         4486.00 ft (KB) To         45           otal Depth:         4507.00 ft (KB) (TV)         (TV)           ole Diameter:         7.88 inchesHole			Refe	erence ⊟e KB te	evations: o GR/CF:	2530.00 ft (I 2520.00 ft (I 10.00 ft	
erial #: 8366 Inside							
ess@RunDepth:         270.04 psig           art Date:         2012.09.10           art Time:         00:36:16	<ul> <li>@ 4489.00 ft (KB)</li> <li>End Date:</li> <li>End Time:</li> </ul>	2012.09.10 09:42:29	Capacity: Last Calib Time On I Time Off	o.: Btm: 2	2012.09.10 ( 2012.09.10 (	-	g
ISI-Dead FFP-Good Blow , FSI-Dead	Built to 10" BOB in 20 min.						
FFP-Good Blow , FSI-Dead Pressure vs. T	BOB in 20 min.		PF	RESSUR	RESUMM	ARY	
FFP-Good Blow , FSI-Dead Pressure vs. T	BOB in 20 min.	, 130 Time (Min.)	Pressure	Temp	RE SUMM		
FFP-Good Blow , FSI-Dead Pressure vs. I	BOB in 20 min.	(Min.)	Pressure (psig) 2196.11	Temp (deg F) 115.75	Annotatic Initial Hydro	on o-static	
FFP-Good Blow , FSI-Dead Pressure vs. T	BOB in 20 min.	(Min.)	Pressure (psig)	Temp (deg F)	Annotatic	on o-static	
FFP-Good Blow , FSI-Dead Pressure vs. T	BOB in 20 min.	(Min.) 120 0 110 34 100 34 100 3	Pressure (psig) 2196.11 28.97 164.46 1038.68	Temp (deg F) 115.75 115.23 127.19 126.75	Annotatic Initial Hydro Open To F Shut-In(1) End Shut-I	o-static low (1) n(1)	
FFP-Good Blow , FSI-Dead Pressure vs. T	BOB in 20 min.	(Min.) 120 0 110 34 100 34 100 3	Pressure (psig) 2196.11 28.97 164.46 1038.68 170.98	Temp (deg F) 115.75 115.23 127.19 126.75 126.34	Annotatic Initial Hydro Open To F Shut-In(1) End Shut-Ii Open To F	o-static low (1) n(1)	
FFP-Good Blow , FSI-Dead	BOB in 20 min.	(Min.) 120 0 110 34 100 34 100 3	Pressure (psig) 2196.11 28.97 164.46 1038.68	Temp (deg F) 115.75 115.23 127.19 126.75	Annotatic Initial Hydro Open To F Shut-In(1) End Shut-In Open To F Shut-In(2) End Shut-In	o-static low (1) n(1) low (2) n(2)	
FFP-Good Blow , FSI-Dead	BOB in 20 min.	(Min.) 122 0 110 34 100 7 100 63 100 63 63 63 92	Pressure (psig) 2196.11 28.97 164.46 1038.68 170.98 270.04	Temp (deg F) 115.75 115.23 127.19 126.75 126.34 128.07	Annotatic Initial Hydro Open To F Shut-In(1) End Shut-Ii Open To F Shut-In(2)	o-static low (1) n(1) low (2) n(2)	
FFP-Good Blow , FSI-Dead	BOB in 20 min.	(Min.) (Min.)	Pressure (psig) 2196.11 28.97 164.46 1038.68 170.98 270.04 1037.79	Temp (deg F) 115.75 115.23 127.19 126.75 126.34 128.07 127.10 127.37	Annotatic Initial Hydro Open To F Shut-In(1) End Shut-In Open To F Shut-In(2) End Shut-In	o-static low (1) n(1) low (2) n(2)	
FFP-Good Blow , FSI-Dead	BOB in 20 min.	(Min.) (Min.)	Pressure (psig) 2196.11 28.97 164.46 1038.68 170.98 270.04 1037.79	Temp (deg F) 115.75 115.23 127.19 126.75 126.34 128.07 127.10 127.37	Annotatic Open To F Shut-In(1) End Shut-II Open To F Shut-In(2) End Shut-II Final Hydro	o-static low (1) n(1) low (2) n(2) o-static	e (Mcf/d)
FFP-Good Blow , FSI-Dead	BOB in 20 min.	(Min.) (Min.)	Pressure (psig) 2196.11 28.97 164.46 1038.68 170.98 270.04 1037.79	Temp (deg F) 115.75 115.23 127.19 126.75 126.34 128.07 127.10 127.37	Annotatic Open To F Shut-In(1) End Shut-II Open To F Shut-In(2) End Shut-II Final Hydro	o-static low (1) n(1) low (2) n(2) o-static	e (Mcf/d)
FFP-Good Blow , FSI-Dead	BOB in 20 min.	(Min.) (Min.)	Pressure (psig) 2196.11 28.97 164.46 1038.68 170.98 270.04 1037.79	Temp (deg F) 115.75 115.23 127.19 126.75 126.34 128.07 127.10 127.37	Annotatic Open To F Shut-In(1) End Shut-II Open To F Shut-In(2) End Shut-II Final Hydro	o-static low (1) n(1) low (2) n(2) o-static	e (Mcf/d)
FFP-Good Blow , FSI-Dead	BOB in 20 min.	(Min.) (Min.)	Pressure (psig) 2196.11 28.97 164.46 1038.68 170.98 270.04 1037.79	Temp (deg F) 115.75 115.23 127.19 126.75 126.34 128.07 127.10 127.37	Annotatic Open To F Shut-In(1) End Shut-II Open To F Shut-In(2) End Shut-II Final Hydro	o-static low (1) n(1) low (2) n(2) o-static	e (Mcf/d)
FFP-Good Blow , FSI-Dead	BOB in 20 min.	(Min.) (Min.)	Pressure (psig) 2196.11 28.97 164.46 1038.68 170.98 270.04 1037.79	Temp (deg F) 115.75 115.23 127.19 126.75 126.34 128.07 127.10 127.37	Annotatic Open To F Shut-In(1) End Shut-II Open To F Shut-In(2) End Shut-II Final Hydro	o-static low (1) n(1) low (2) n(2) o-static	e (Mcf/d)

1 1<sup>1</sup> 2 5

<b>ESTING</b> , INC         4         N         A         GENERAL INFORMATION:         Formation:         Mississippi         Deviated:       No         Whipstock:         Time Tool Opened:       04:51:14         Time Test Ended:       09:42:29         Interval:       4486.00 ft (KB) To       4507.00         Hole Diameter:       7.88 inchesHole Co	Palomino Petroleum 924 SE 84th Street lew ton, KS. 67114 ATTN: John Holdsmith 0.00 ft (KB) 00 ft (KB) (TVD)		<b>#1 Peach</b> Job Ticket:	2012.09.10 @ 	DST#: 3
GENERAL INFORMATION:         Formation:       Mississippi         Deviated:       No         Whipstock:         Time Tool Opened:       04:51:14         Time Test Ended:       09:42:29         Interval:       4486.00 ft (KB) To       4507.00         Total Depth:       4507.00 ft (KB) (TVD)         Hole Diameter:       7.88 inchesHole Co	lew ton, KS. 67114 NTTN: John Holdsmith 		Job Ticket: Test Start: Test Type:	47863 2012.09.10 @ 	<b>DST#: 3</b> 2 00:36:14
GENERAL INFORMATION: Formation: Mississippi Deviated: No Whipstock: Time Tool Opened: 04:51:14 Time Test Ended: 09:42:29 Interval: 4486.00 ft (KB) To 4507.0 Total Depth: 4507.00 ft (KB) (TVD) Hole Diameter: 7.88 inchesHole Co	ATTN: John Holdsmith		Test Start: Test Type:	2012.09.10 @ 	00:36:14
GENERAL INFORMATION: Formation: Mississippi Deviated: No Whipstock: Time Tool Opened: 04:51:14 Time Test Ended: 09:42:29 Interval: 4486.00 ft (KB) To 4507.0 Total Depth: 4507.00 ft (KB) (TVD) Hole Diameter: 7.88 inchesHole Co	0.00 ft (KB)		Test Type:	Conventiona	
Formation:MississippiDeviated:NoWhipstock:Time Tool Opened:04:51:14Time Test Ended:09:42:29Interval:4486.00 ft (KB) To4507.0Total Depth:4507.00 ft (KB) (TVD)Hole Diameter:7.88 inchesHole Co					al Bottom Hole (Recet)
Deviated: No Whipstock: Time Tool Opened: 04:51:14 Time Test Ended: 09:42:29 Interval: 4486.00 ft (KB) To 4507.0 Total Depth: 4507.00 ft (KB) (TVD) Hole Diameter: 7.88 inchesHole Co					al Bottom Hole (Reset)
Total Depth:4507.00 ft (KB) (TVD)Hole Diameter:7.88 inches Hole Co	00 ft (KB) (TVD)		Unit No:	Jason McLe 54	
	ndition: Good		Reference I	∃evations: 3 to GR/CF:	2530.00 ft (KB) 2520.00 ft (CF) 10.00 ft
Serial #: 8289OutsidePress@RunDepth:psig @Start Date:2012.09.10Start Time:00:36:01	4489.00 ft (KB) End Date: End Time:	2012.09.10 09:42:44	Capacity: Last Calib.: Time On Btm: Time Off Btm:		8000.00 psig 2012.09.10
ISI-Dead FFP-Good Blow , BO FSI-Dead Pressure vs. Time			PRESSU	JRE SUMM	ARY
200 200 100 100 100 100 100 100	E2020 Temperature 100 100 100 100 100 100 00 00	Time (Min.)	Pressure Temp (psig) (deg F	Annotati	
Recovery			G	as Rates	
Length (ft) Description	Volume (bbi)		Chok	e (inches) Press	ure (psig) Gas Rate (Mcf/d)
520.00         Muddy Water-90%W-10%M           50.00         Free Oil	7.29           0.70				
* Recovery from multiple tests					

Trilobite Testing, Inc

4 P - 4 P

	RIIO	RITE				REPOR	<u> </u>	TOOL DIAGRA
<b>运出</b>		BITE FING , INC	Palomin	o Petroleum			17-17s-25w Ness,K	S
	I EST	<b>FING</b> , INC	4924 S	E 84th Street			#1 Peach Grove "	17"
			New tor	n, KS. 67114			Job Ticket: 47863	DST#: 3
			ATTN:	John Holdsn	nith		Test Start: 2012.09.10	@ 00:36:14
Tool Informatio	on	k						
Drill Pipe:	Length:	4482.00 ft	Diameter:	3.80 in	ches Volume:	62.87 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	2.70 in	ches Volume:	0.00 bbl	Weight set on Packe	er: 25000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	2.25 in	ches Volume:	0.00 bbl	Weight to Pull Loose	: 96000.00 lb
Drill Pipe Above K	(B·	24.00 ft			Total Volume:	62.87 bbl	Tool Chased	0.00 ft
Depth to Top Pacl		4486.00 ft					String Weight: Initial	
Depth to Bottom F		ft					Final	95000.00 lb
Interval betw een		21.00 ft						
Taallan-th		49.00 ft						
roor Length:								
Tool Length: Number of Packer Tool Comments:	rs:	2	Diameter:	6.75 in	ches			
Number of Packer	rs:	2	Diameter:	6.75 in	ches			
Number of Packer			Diameter: ngth (ft)	6.75 in Serial No.	ches Position	Depth (ft) 4	Accum. Lengths	
Number of Packer Tool Comments: Tool Descriptio	on					<b>Depth (ft)</b> <i>A</i> 4459.00	Accum. Lengths	
Number of Packer Tool Comments: <b>Tool Descriptio</b> Change Over Sub	on		ngth (ft)				Accum. Lengths	
Number of Packer Tool Comments: Tool Descriptio Change Over Sub Shut In Tool	on		<b>ngth (ft)</b> 1.00			4459.00	Accum. Lengths	
Number of Packer Tool Comments: Tool Descriptio Change Over Sub Shut In Tool Hydraulic tool	on		<b>ngth (ft)</b> 1.00 5.00			4459.00 4464.00	Accum. Lengths	
Number of Packer Tool Comments: Tool Descriptio Change Over Sub Shut In Tool Hydraulic tool Jars	on		<b>ngth (ft)</b> 1.00 5.00 5.00			4459.00 4464.00 4469.00	Accum. Lengths	
Number of Packer Tool Comments: Tool Descriptio Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint	on		<b>ngth (ft)</b> 1.00 5.00 5.00 5.00			4459.00 4464.00 4469.00 4474.00	Accum. Lengths	Bottom Of Top Packe
Number of Packer Tool Comments: Tool Descriptio Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer	on		ngth (ft) 1.00 5.00 5.00 5.00 2.00			4459.00 4464.00 4469.00 4474.00 4476.00		Bottom Of Top Packe
Number of Packer Tool Comments: Tool Descriptio Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer	on		ngth (ft) 1.00 5.00 5.00 5.00 2.00 5.00			4459.00 4464.00 4469.00 4474.00 4476.00 4481.00		Bottom Of Top Packe
Number of Packer Tool Comments: Tool Descriptio Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb	on		ngth (ft) 1.00 5.00 5.00 2.00 5.00 5.00			4459.00 4464.00 4469.00 4474.00 4476.00 4476.00 4481.00 4486.00		Bottom Of Top Packe
Number of Packer Tool Comments: Tool Descriptio Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Perforations	on		ngth (ft) 1.00 5.00 5.00 2.00 5.00 5.00 1.00			4459.00 4464.00 4469.00 4474.00 4476.00 4481.00 4486.00 4487.00		Bottom Of Top Packe
Number of Packer Tool Comments: Tool Descriptio Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Perforations Recorder	on		ngth (ft) 1.00 5.00 5.00 2.00 5.00 5.00 1.00 2.00	Serial No.	Position	4459.00 4464.00 4469.00 4474.00 4476.00 4481.00 4486.00 4487.00 4489.00		Bottom Of Top Packe
Number of Packer Tool Comments:	on		ngth (ft) 1.00 5.00 5.00 2.00 5.00 5.00 1.00 2.00 0.00	Serial No. 8366	Position	4459.00 4464.00 4469.00 4474.00 4476.00 4481.00 4486.00 4486.00 4489.00 4489.00		Bottom Of Top Packe

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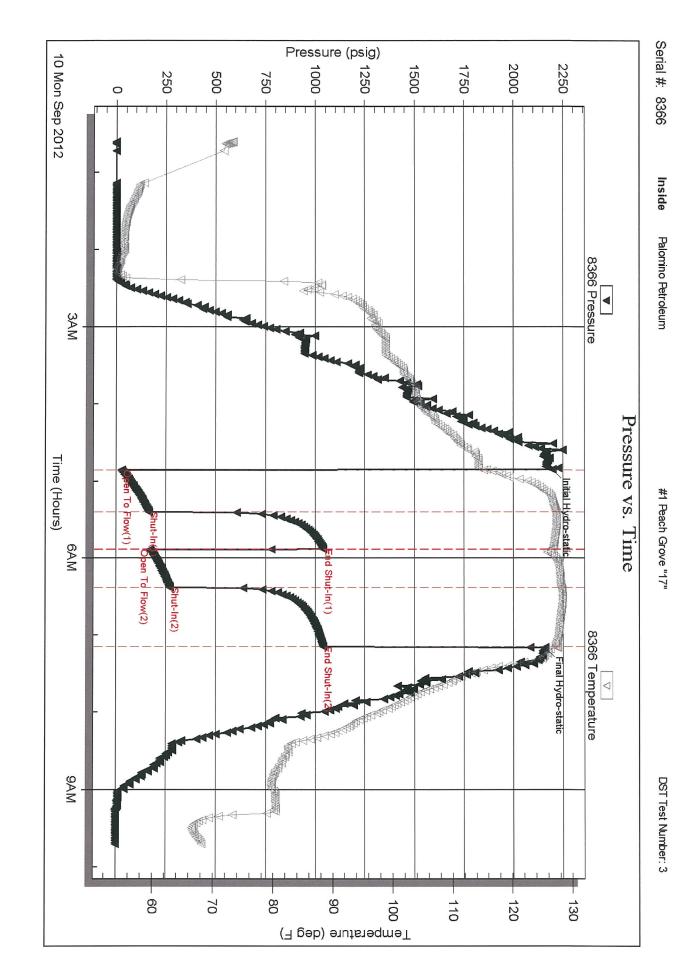
ACT.		DRIL	L STEM TEST	REPOR	Γ	F	LUID SUMMAF
	RILOBITE	Palomino	Petroleum		17-17s-25	w Ness,KS	
	ESTING , INC	4924 SE	84th Street		#1 Peach	Grove "17"	
		New ton,	New ton, KS. 67114 ATTN: John Holdsmith			47863	DST#:3
		ATTN: 、				2012.09.10 @ 00:	36:14
Mud and Cu	shion Information						
	el Chem		Cushion Type:			Oil API:	36 deg AP
Mud Weight:	9.00 lb/gal		Cushion Length:		ft	Water Salinity:	10700 ppm
√iscosity:	41.00 sec/qt		Cushion Volume:		bbl		
Water Loss:	8.38 in <sup>3</sup>		Gas Cushion Type:				
Resistivity:	ohm.m		Gas Cushion Press	ure:	psig		
Salinity: Filter Cake:	2200.00 ppm inches						
Recovery In							
tecovery in	nonnation		Recovery Table				
	Leng	th	Description		Volume bbl		
		520.00 N	/uddy Water-90%W-10%	M	7.29	4	
			Free Oil		0.70		
	Total Length:	570.0		7.995 bbl			
	Num Fluid Sam	oles: 0	Num Gas Bomb	s: 0	Serial	#:	
	Laboratory Nar		Laboratory Loca	ation:			
	Recovery Com	ments:					

s 2<sup>1</sup> > 1

Printed: 2012.09.21 @ 10:37:09

Ref. No: 47863

Trilobite Testing, Inc

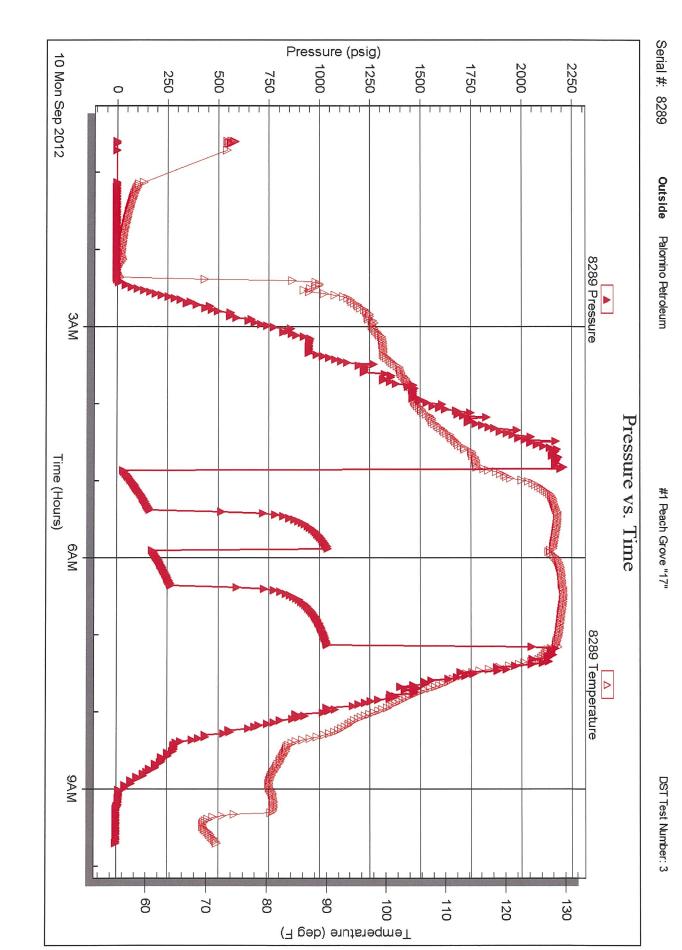


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Printed: 2012.09.21 @ 10:37:10

Ref. No: 47863





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RILOBITE		Test Ticket				
4/10 <b>ESTING INC</b> P.O. Box 1733 • Hay			<b>NO.</b> 47	861		
Well Name & No. $ \frac{\#1}{240} \frac{\#1}{240} Peuch Group Company Palominu Petroleum Address 4924 SE 84th Stre Co. Rep / Geo. John Goldsmith Location: Sec. 17 Twp. 175 Interval Tested 4360 - 4410 Anchor Length 50 Top Packer Depth 4355 Bottom Packer Depth 4360 Total Depth 4910$	Rge. <u>25</u> Zone Tested Drill Pipe Run Drill Collars R Wt. Pipe Run Chlorides <u>2</u>	KS, $G T$ Rig Va Co. Ness F+ Scott 4358 O O 200 ppr	533 (-( 2 Mu Vis WL n System LC	KB 2522 $State KS$ $d Wt. 9.9$ $41$ $8.7$ $41$	GL	
Blow Description <u>IFP-Fair Blow</u> , <u>ISI-Dead</u> <u>FFP-Good Blow</u> , BO. <u>FSI-Dead</u> Rec <u>GO</u> Feet of <u>Frothy</u> Oil	B in 6 mi	л.	3 ~ %oil	%water	%mud	
Rec         Feet of		/ / //gas	%oil	%water	%mud	
Rec Feet of 600' GIF	)	%gas	%oil	%water	%mud	
Rec Feet of		%gas	%oil	%water	%mud	
Rec Feet of		%gas	%oil	%water	%mud	
Rec Total 60 BHT 112	Gravity	API RW	@°F CI	hlorides		
(A) Initial Hydrostatic $2/49$ (B) First Initial Flow $39$ (C) First Final Flow $38$ (D) Initial Shut-In $804$ (E) Second Initial Flow $35$ (F) Second Final Flow $48$ (G) Final Shut-In $658$ (H) Final Hydrostatic $2135$ Initial Open $30$ Final Flow $30$ Final Flow $30$	<ul> <li>Safety Joint</li> <li>Circ Sub</li> <li>Hourly Standb</li> <li>Mileage</li> <li>Sampler</li> <li>Straddle</li> <li>Shale Packer</li> <li>Extra Packer</li> <li>Extra Recorder</li> </ul>	75 Y	T-Started _ T-Open T-Pulled Comments Comments Comments Ruinec Ruinec Sub Total	3;46  5;46  8:33  Shale Packer  Packer Copies 0		
Final Shut-In-30				Disc't		
	Sub Total 1823		$\Lambda$	74. 1	Thank	
Approved By		Our Representative	(arony	M Jonw	- Y 02	

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

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RILOBITE		Test Ticket			
4/10 ESTING INC. P.O. Box 1733 • Hays	Kansas 67601		NO.	47862	
Well Name & No. <u>#1 Peach Grove</u> Company <u>Palomino Petroleum</u> Address <u>4924</u> SE <u>84th</u> Stree Co. Rep/Geo. John Goldsmith	et, Newton, KS	Elevation $\underline{\mathbb{Z}}$ , $\underline{\mathbb{C}}$ $\underline{\mathbb{C}}$ $\underline{\mathbb{C}}$ (	14 42	_ Date <u>9-9-</u> 1 КВ_2520	)GL
Location: Sec Twp7	_Rge. <u>25w</u> c	D. Ness		StateK	<u>S</u>
Interval Tested 4420 - 4489	_ Zone Tested	sissipp	o i		
Anchor Length 69.	r			Mud Wt. 9, 3	
Top Packer Depth	Drill Collars Run 🕐			Vis 53	
Bottom Packer Depth_ 4423	Wt. Pipe Run			WL 8,0	
Total Depth イイタロ	Chlorides 2,400	рр	m System	LCM Trace	
Blow Description IFP - Weak Blow					00000000000000000000000000000000000000
ISI- Dead			99-996 (1900) (1900) (1909) (1909) (1909) (1909) (1909) (1909) (1909) (1909) (1909) (1909) (1909) (1909) (1909)		
FFP - Weak Blow But	:14 +2 2"	·······			
FSI - Dead					
Rec <u>/ 30</u> Feet of <u>MCD</u>		%gas	55 %oil	%water	4 5%mud
Rec Feet of		%gas	%oil	%water	%mud
Rec Feet of		%gas	%oil	%water	%mud
Rec Feet of		%gas	%oil	%water	%mud
Rec         Feet of           Rec Total         130         BHT	<i>i</i>	%gas	%oil	%water	%mud
	Gravity 36 API	RW		Chlorides	ppm
(A) Initial Hydrostatic 2166	Test 1250			ocation 8:07	
(B) First Initial Flow 37	Jars			ed <u>8:18</u> (1:16	
(C) First Final Flow 63	Safety Joint 75		T-Oper	1 <u>`</u>	
(D) Initial Shut-In 776	Circ Sub			13:14 15:48	
(E) Second Initial Flow 69	Hourly Standby		-	ents	
(F) Second Final Flow	Mileage 160rt	248		ems	
(G) Final Shut-In <u>922</u>	Sampler	antipantin oli intelli sono antenna della sono della sono della sono della sono della sono della sono della so			
(H) Final Hydrostatic 2135	G Straddle			ined Shale Packer_	
	Shale Packer			ined Packer	
Initial Open 30	Extra Packer			tra Copies	
Initial Shut-In	Extra Recorder			otal0	
Final Flow	Day Standby			1823	
Final Shut-In 3 O	Accessibility		MP/D	ST Disc't	
	Sub Total1823		-1 -		Thanor
Approved By	Our Rep	resentative_	Jason?	Mc Lemore	· ( ·

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

	RILOBITE			Test 1	<b>Ficket</b>	
4/10	<b>ESTING IN</b> P.O. Box 1733 • Ha			NO. 47	863	
Company Palor	1 Peach Grove nino Petroleum 1 SE 84th S	Street New+	Test No Elevation 2.5	30 11 4	Date <u>9-9-12</u> _KB <u>252</u> 3	GL
Co. Rep / Geo Location: Sec	shn Goldsmith Twp17s	Rge25w	RigVal CoVcss	#2		
•	481	Drill Collars Rur Wt. Pipe Run <u>C</u> Chlorides <u>2</u> ,	4482 0 0 9 900 ppm	Vis	id Wt. <u>9,3</u> 5 <u>5</u> <u>8.0</u> M Trac -	
FFI FSI-	Dead Blow,		μίη.			
	Feet of Free Oil Feet of Muddy Wa		%gas %gas	%oil %oil	%water %water	%mud %mud
Rec	Feet of		%gas	%oil	%water	%mud
	Feet of		%gas %gas	%oil %oil	%water %water	%mud %mud
<ul> <li>(B) First Initial Flow</li></ul>	ВНТ 29 169 169 1039 171 270 1038 2159	<ul> <li>Test <u>1250</u></li> <li>Jars <u>250</u></li> <li>Safety Joint <u>1250</u></li> <li>Circ Sub <u>1250</u></li> <li>Circ Sub <u>1250</u></li> <li>Circ Sub <u>1250</u></li> <li>Hourly Standby</li> <li>Hourly Standby</li> <li>Mileage <u>1250</u></li> <li>Sampler <u>1250</u></li> <li>Straddle <u>1250</u></li> <li>Straddle <u>1250</u></li> <li>Straddle <u>1250</u></li> <li>Shale Packer <u>1250</u></li> <li>Extra Packer <u>1250</u></li> <li>Extra Recorder</li> <li>Day Standby <u>1250</u></li> <li>Accessibility <u>1250</u></li> </ul>	248	T-On Loca T-Started T-Open T-Pulled T-Out Comments  Ruines  Ruines  Sub Total Total1 MP/DST	tion $24:24$ 24:34 4:52 6:52 1'41 s d Shale Packer d Packer 0 323 Disc't	2
Approved By		Sub Total <u>1823</u>	our Representative	Jaron 9	Mc Jamore	thank

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