



QUALITY OILWELL CEMENTING, INC.
 PO Box 32 - 740 West Wichita Ave, Russell KS 67665
 Phone: 785-324-1041 fax: 785-483-1087
 Email: cementing@ruraltel.net

Date: 10/16/2015
 Invoice # 1642
 P.O.#:
 Due Date: 11/15/2015
 Division: Russell

RECEIVED
 OCT 21 2015

Invoice

Contact:
 Palomino Petroleum Inc
Address/Job Location:
 Palomino Petroleum Inc
 4924 SE 84th
 Newton Ks 67114

Reference:
 GWEN 1

Description of Work:
 SURFACE JOB

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 606.13	No				
Common-Class A	120	\$ 1,652.19	Yes				
Calcium Chloride	6	\$ 276.99	Yes				
POZ Mix-Standard	30	\$ 174.18	Yes				
Bulk Truck Matl-Material Service Charge	159	\$ 131.88	No				
Pump Truck Mileage-Job to Nearest Camp	27	\$ 123.17	No				
Bulk Truck Mileage-Job to Nearest Bulk Plant	27	\$ 78.38	No				
Premium Gel (Bentonite)	3	\$ 40.51	Yes				

Invoice Terms:

Net 30

SubTotal: \$ 3,083.42
 Discount Available ONLY if Invoice is Paid & Received
 within listed terms of invoice: \$ (77.09)

SubTotal for Taxable Items:	\$ 2,090.27
SubTotal for Non-Taxable Items:	\$ 916.07
Total:	\$ 3,006.33
Tax:	\$ 156.77

7.50% Ness County Sales Tax

Thank You For Your Business!

Amount Due: \$ 3,163.10
Applied Payments:
Balance Due: \$ 3,163.10

Past Due Invoices are subject to a service charge (annual rate of 24%)
 This does not include any applicable taxes unless it is listed.
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QUALITY OILWELL CEMENTING, INC.

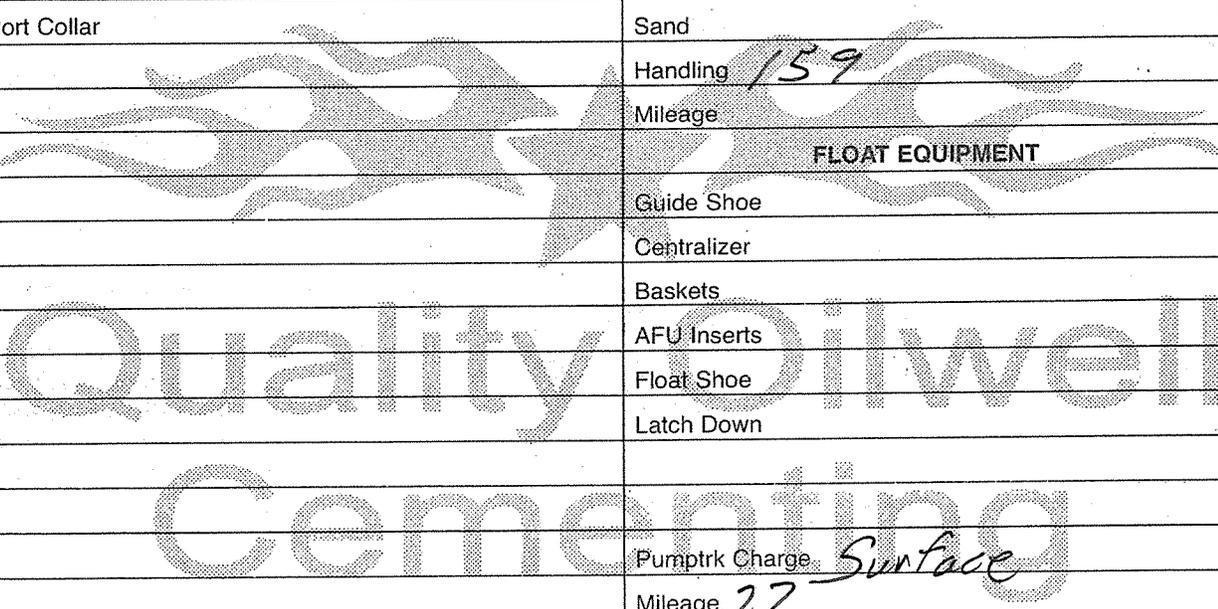
Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 1642

Date	10-16-15	Sec.	22	Twp.	20	Range	21	County	Ness	State	Ks	On Location		Finish	11:30PM
Lease								Well No.		Owner					
Contractor								Well No.		To Quality Oilwell Cementing, Inc.					
Type Job								Well No.		You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.					
Hole Size								T.D.		Charge To					
Csg.								Depth		Palamino Petroleum					
Tbg. Size								Depth		Street					
Tool								Depth		City					
Cement Left in Csg.								Shoe Joint		State					
Meas Line								Displace		The above was done to satisfaction and supervision of owner agent or contractor.					
EQUIPMENT								Displace		Cement Amount Ordered					
Pumptrk								Displace		150 8 1/2 3 1/2 cc 2% Gel					
Bulktrk								Displace		Common					
Bulktrk								Displace		Poz. Mix					
JOB SERVICES & REMARKS								Displace		Gel.					
Remarks:								Displace		Calcium					
Rat Hole								Displace		Hulls					
Mouse Hole								Displace		Salt					
Centralizers								Displace		Flowseal					
Baskets								Displace		Kol-Seal					
D/V or Port Collar								Displace		Mud CLR 48'					
Handling								Displace		CFL-117 or CD110 CAF 38					
Mileage								Displace		Sand					
FLOAT EQUIPMENT								Displace		Handling					
Guide Shoe								Displace		Mileage					
Centralizer								Displace		Guide Shoe					
Baskets								Displace		Centralizer					
AFU Inserts								Displace		Baskets					
Float Shoe								Displace		AFU Inserts					
Latch Down								Displace		Float Shoe					
Pumptrk Charge								Displace		Latch Down					
Mileage								Displace		Pumptrk Charge					
Tax								Displace		Mileage					
Discount								Displace		Tax					
Total Charge								Displace		Discount					
Signature								Displace		Total Charge					



X Signature *Mark B...*



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



RECEIVED

NOV 07 2015

Invoice

DATE	INVOICE #
11/4/2015	29076

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

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1	Gwen	Ness	Express Well Serv...	Oil	Development	Cement Port Collar	Jason

PRICE REF.	DESCRIPTION	QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way	30	Miles	5.00	150.00
576D-D	Pump Charge - Port Collar	1	Job	1,250.00	1,250.00
105	Port Collar Tool Rental With Man	1	Each	275.00	275.00T
276	Flocele	35	Lb(s)	2.25	78.75T
290	D-Air	2	Gallon(s)	42.00	84.00T
330	Swift Multi-Density Standard (MIDCON II)	135	Sacks	15.75	2,126.25T
581D	Service Charge Cement	175	Sacks	1.50	262.50
582D	Minimum Drayage Charge	1	Each	250.00	250.00
	Subtotal				4,476.50
	Sales Tax Ness County			6.50%	166.66

We Appreciate Your Business!	Total	\$4,643.16
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CHARGE TO: Palomino Petroleum
 ADDRESS:
 CITY, STATE, ZIP CODE

TICKET 29076

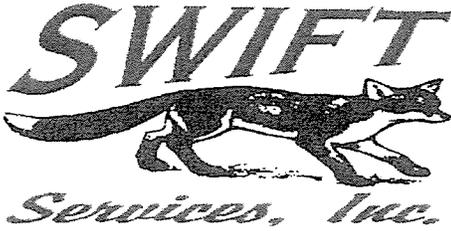
PAGE 1 OF 1

SERVICE LOCATION: Ness City, KS WELL/PROJECT NO.: GUEN #1 LEASE: GUEN #1 COUNTY/PARISH: NESS STATE: KS CITY: BAZINE, KS DATE: 4 Nov 15 OWNER:
 1. Ness City, KS CONTRACTOR: Express Well Serv RIG NAME/NO.: NESS SHIPPED VIA: KS DELIVERED TO: 4 Nov 15
 2. TICKET TYPE: SERVICE SALES WELL TYPE: OIL WELL CATEGORY: DEVELOPMENT JOB PURPOSE: CEMENT PORT COLLAR WELL PERMIT NO.: 4E, 115, W FWD
 3. REFERRAL LOCATION: OIL INVOICE INSTRUCTIONS: DEVELOPMENT CEMENT PORT COLLAR

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575					MILEAGE @ 115	30	mi			54.00	1570.00
576D					Pump CHARGE	1	SB			1250.00	1250.00
105					PORT COLLAR OPENING TOOL	1	SB			275.00	275.00
276					FLUKE	35	lb			2.25	78.75
290					D-AIR	2	hr			42.00	84.00
330					SMD CEMENT	135	sq			15.75	2126.25
581					Cement SERVICE CHARGE	175	sq			7.50	2102.50
582					Minimum DRAGAGE	17400	lbs	210	DTM	250.00	250.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY**, and **LIMITED WARRANTY** provisions.
 MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS
 X Stem Wanda
 DATE SIGNED: 4 Nov 15 TIME SIGNED: 0930 A.M. P.M.
 REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.
 SWIFT OPERATOR: J. E. Ruff APPROVAL: J. E. Ruff
 TOTAL: 4643.16
 TAX: 7.55
 TAX: 16.57%
 TOTAL: 4643.16
 Thank You!



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



RECEIVED

NOV 07 2015

Invoice

DATE	INVOICE #
11/3/2015	29000

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

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1	Gwen	Ness	Express Well Serv...	Oil	Development	Squeeze Perfs	Jason
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				30	Miles	5.00	150.00
578D-D	Pump Charge - Deep Squeeze (> 1500 Ft.)				1	Job	1,250.00	1,250.00
300 - 15%	Regular Acid				200	Gallons	1.75	350.00
286	Halad-1 (Halad 9)				15	Lb(s)	8.00	120.00T
325	Standard Cement				75	Sacks	12.25	918.75T
581D	Service Charge Cement				75	Sacks	1.50	112.50
582D	Minimum Drayage Charge				1	Each	250.00	250.00
	Subtotal							3,151.25
	Sales Tax Ness County						6.50%	67.52

We Appreciate Your Business!	Total	\$3,218.77
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CHARGE TO: PAIDMIND PETROLEUM
 ADDRESS: _____
 CITY, STATE, ZIP CODE: _____

TICKET 29000

PAGE 1 OF 1

SERVICE LOCATION: NESS CITY, KS WELLS/PROJECT NO.: _____ LEASE: GUEN #1 COUNTY: JEFFERSON STATE: KS CITY: BAZINE, KS DATE: 3 NOV 15 OWNER: _____
 TICKET TYPE: SERVICE SALES CONTRACTOR: EXPRESS WELLS SERV. RIG NAME/NO.: NESS SHIPPED VIA: _____ DELIVERED TO: _____ ORDER NO.: _____
 WELL TYPE: OIL WELL CATEGORY: DEVELOPMENT JOB PURPOSE: FERROUS SQUEEZE WELL PERMIT NO.: _____ WELL LOCATION: 4E, 11S, W 10 RD
 REFERRAL LOCATION: _____ INVOICE INSTRUCTIONS: _____

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575					MILEAGE @ 115	30	mi			5.00	150.00
300					PUMP CHARGE	1	CHG			125.00	125.00
281					REGULAR ACID	200	gal		15%	1.75	350.00
325					HAAD-1	15	lbs			8.00	120.00
581					STANDARD CEMENT	75	bx			12.25	918.75
382					CEMENT SERVICE CHARGE	75	bx			1.50	112.50
					MINIMUM DRAVAGE	7050	lbs	105.75	Tim	25.00	250.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.
 MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS.
 DATE SIGNED: 3 NOV 15 TIME SIGNED: 1:20 A.M. P.M.
 SIGNED: [Signature]
 REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300
 SURVEY: OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? WE UNDERSTOOD AND MET YOUR NEEDS? OUR SERVICE WAS PERFORMED WITHOUT DELAY? WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? ARE YOU SATISFIED WITH OUR SERVICE? YES NO
 CUSTOMER DID NOT WISH TO RESPOND
 PAGE TOTAL: 3151 TAX: 7.55% TOTAL: 3218.77

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.
 SWIFT OPERATOR: [Signature] APPROVAL: _____
 Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 3 Nov 15 PAGE NO.

CUSTOMER TALAMINO PETROLEUM WELL NO. LEASE GWEN #1 JOB TYPE PERF SQUEEZE TICKET NO. 29000

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1000							ON LOCATION
	1212			✓		3000		TEST TOOLS - HELD
	1220	3	25½	✓				MDUE PACKER UP. CIRCULATE ACID TO BOTTOM
	1239			✓		71500		MDUE PACKER UP - SET PACKER 4293
		½	26	✓		1500		LOAD TUBING - STAGE. TREATING.
		1	27	✓		1500		
		2	28	✓		2200		
		5	30	✓		2300		
	1258		37	✓		1400		ISIP.
						VAC.		COMINSAUTIN - VAC - 6 min
								SWAB ACID BACK
	1430		1½		✓	500		LOAD ANNULUS PSI UP - SHUT IN.
	1432	2	20	✓		1000		TAKE INJECTION RATE.
	1440	½	16	✓		1200		MIX 75 SX STANDARD 1 ST 15 SX w/HALAD
		2		✓		1200		DISPLACE CEMENT
		2	10	✓		1600		
		1	20	✓		2000		
		½	24	✓		1800		
	1515	Ø	26	✓		1000		SHUT WELL IN - WASH TRUCK
	1537			✓		1200		STAGING.
	1544			✓		2500		
	1547							RELEASE PSI - DRY
	1555							WASH THRU SQUEEZE TO 4/4/11
								PULL PACKER BACK TO 4293
	1639			✓		11000		PSI UP
								RELEASE PSI - DRY.
	1700							JOB COMPLETE.
								THANKS #115
								JASON COLE ISAAC

RECEIVED

OCT 30 2015

Invoice



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



DATE	INVOICE #
10/23/2015	28861

BILL TO

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

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1	Gwen	Ness	WW Drilling	Oil	Development	Cement LongStri...	Blaine
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				30	Miles	5.00	150.00
578D-L	Pump Charge - Long String				1	Job	1,250.00	1,250.00
403-5	5 1/2" Cement Basket				2	Each	250.00	500.00T
404-5	5 1/2" Port Collar				1	Each	2,500.00	2,500.00T
406-5	5 1/2" Latch Down Plug & Baffle				1	Each	225.00	225.00T
407-5	5 1/2" Insert Float Shoe With Auto Fill				1	Each	300.00	300.00T
409-5	5 1/2" Turbolizer				10	Each	75.00	750.00T
325	Standard Cement				100	Sacks	12.25	1,225.00T
330	Swift Multi-Density Standard (MIDCON II)				125	Sacks	15.75	1,968.75T
284	Calseal				5	Sack(s)	30.00	150.00T
283	Salt				500	Lb(s)	0.20	100.00T
285	CFR-1				50	Lb(s)	4.50	225.00T
276	Flocele				50	Lb(s)	2.25	112.50T
281	Mud Flush				500	Gallon(s)	1.25	625.00T
221	Liquid KCL (Clayfix)				4	Gallon(s)	25.00	100.00T
290	D-Air				2	Gallon(s)	42.00	84.00T
581D	Service Charge Cement				225	Sacks	1.50	337.50
583D	Drayage				343.71	Ton Miles	0.75	257.78
	Subtotal							10,860.53
	Sales Tax Ness County						6.50%	576.24
We Appreciate Your Business!						Total		\$11,436.77



CHARGE TO: Palaming Petroleum
 ADDRESS:
 CITY, STATE, ZIP CODE

TICKET 28861

PAGE 1 OF 2

SERVICE LOCATIONS: New City KS WELL/PROJECT NO. #1 LEASE Guern COUNTY/PARISH Woods STATE KS CITY Bozine DATE 230215 OWNER
 TICKET TYPE SERVICE SALES CONTRACTOR WWS RIG NAME/NO. 10 SHIPPED WPT DELIVERED TO location ORDER NO.
 WELL TYPE OT-1 WELL CATEGORY Development JOB PURPOSE concrete long string WELL PERMIT NO. 22-20-21 WELL LOCATION

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING		DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT							
575		1		MILEAGE	30	mi			5.00	150.00
578		1		Pump Charge	1	ea			1250.00	1250.00
403		1		Concrt Pstlet	52	in	2	ea	2500.00	500.00
404		1		Port collar	52	in	1	ea	2500.00	2500.00
406		1		Latch down Plug, 5/8" x 1/2"	52	in	1	ea	225.00	225.00
407		1		Insert Flat shoe w/ AUTO FILE	52	in	1	ea	300.00	300.00
409		1		Turbolizer	52	in	10	ea	75.00	750.00
419		1		Rotary head rental	52	ft	1	ea	200.00	200.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.
 MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS
 DATE SIGNED Jerry D. Harrison TIME SIGNED 8:45 A.M. P.M.
 REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300
 SURVEY: OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? WE UNDERSTOOD AND MET YOUR NEEDS? OUR SERVICE WAS PERFORMED WITHOUT DELAY? WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? ARE YOU SATISFIED WITH OUR SERVICE? CUSTOMER DID NOT WISH TO RESPOND UN-DECIDED DIS-AGREE
 PAGE TOTAL 1 5675.00
 TAX 17.55 576.24
 TOTAL 11,436.77
 CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES: APM APPROVAL
 The customer hereby acknowledges receipt of the materials and services listed on this ticket.
 Thank You!



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

TICKET CONTINUATION

TICKET No. 28861

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	WELL				DATE	UNIT PRICE	AMOUNT
		LOC	ACCT	DF			QTY	U/M	QTY	U/M			

325						STANDARD CONST (FOR BT-2)	100	SK				12.25	1225.00
330						SMD CONST	125	SK				15.75	1968.75
284						CRUSEAL	500	LB				30.00	1500.00
283						SALT	500	LB				0.20	100.00
285						CFR-1	50	LB				4.50	225.00
276						Fluore	50	LB				2.25	112.50
281						mudflush	500	gal				1.25	625.00
281						WCL Liquid	4	gal				25.00	100.00
290						D-AIR	2	gal				42.00	84.00
581						SERVICE CHARGE							337.50
583						MILEAGE CHARGE							257.28

Customer: Palumbo Petroleum #1
MEL: Given #1

Service Charge: 225
Mileage Charge: 229.14
Loaded Miles: 30
Ton Miles: 343.71

Continuation Total: 5185.53

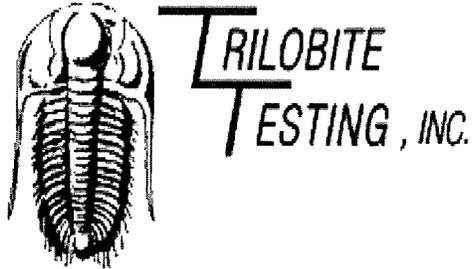
JOB LOG

SWIFT Services, Inc.

DATE 53 OCT 15 PAGE NO. 1

CUSTOMER Palmar Petroleum WELL NO. 41 LEASE Gwen JOB TYPE Cement long string TICKET NO. 28861

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								125sk SMD cement w/ 1/4" flange 100sk SA-2 cement w/ 1/4" flange 5 1/2 x 15 1/2" casing TD = 4515 shut 45.22 foot a/cr #85 1456' Cenr 1, 2, 3, 4, 6, 8, 10, 12, 14, 84 Basket. 2, 85
	0000							mlcr TRK 114
	0220							start 5 1/2 x 15.5" casing in well
	0500							Drop ball - circulate - ROTATE
	0650	3 1/2	12				100	Pump 500 gal mud flush
		3 1/2	20				100	Pump 20 bbl KCL flush
			7					Plug RH 30sk
	0703	3 1/2	39				100	Mix SMD cement 95sk @ 12.7 ppg
		3 1/2	24				100	Mix SA-2 cement 100sk @ 15.3 ppg
								Drop latch down plug wash out pump & line
	0732	6					0	Displace plug (KCL in forest 20 bbl)
		6	103				700	
	0800	6	107				1500	Land Plug
								Release pressure to truck - dried up
	0905							wash truck
	0845							Back up
								Blane. Plot 1/2 TYLER



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum, Inc**

4924 SE 84th St
Newton KS, 67114

ATTN: Ryan Seib

Gwen #1

22-20s-21w Ness,KS

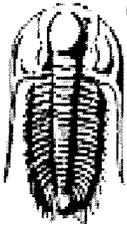
Start Date: 2015.10.21 @ 18:30:00

End Date: 2015.10.22 @ 03:12:45

Job Ticket #: 62447 DST #: 1

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.10.22 @ 11:13:35



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum, Inc

22-20s-21w Ness, KS

4924 SE 84th St
New ton KS, 67114

Gwen #1

Job Ticket: 62447

DST#: 1

ATTN: Ryan Seib

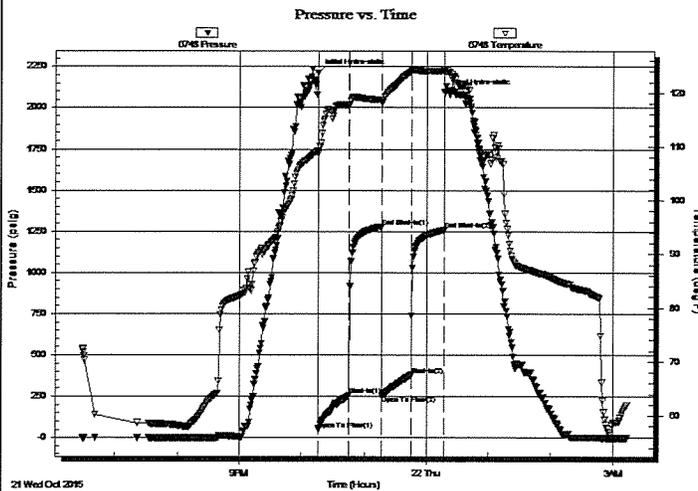
Test Start: 2015.10.21 @ 18:30:00

GENERAL INFORMATION:

Formation: **Mississippian**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 22:16:15
 Tester: Cody Bloedorn
 Time Test Ended: 03:12:45
 Unit No: 73
 Interval: **4342.00 ft (KB) To 4414.00 ft (KB) (TVD)**
 Reference Elevations: 2225.00 ft (KB)
 Total Depth: 4414.00 ft (KB) (TVD)
 2220.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Fair
 KB to GR/CF: 5.00 ft

Serial #: 6748 Inside
 Press@RunDepth: 380.85 psig @ 4408.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.10.21 End Date: 2015.10.22 Last Calib.: 2015.10.22
 Start Time: 18:30:05 End Time: 03:12:45 Time On Btm: 2015.10.21 @ 22:15:45
 Time Off Btm: 2015.10.22 @ 00:17:30

TEST COMMENT: 30 - IF- B.O.B. in 5 minutes
 30 - IS- No return
 30 - FF- B.O.B. in 10 minutes
 30 - FS- No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2210.35	109.32	Initial Hydro-static
1	50.53	108.67	Open To Flow (1)
31	256.45	117.71	Shut-In(1)
61	1277.86	118.65	End Shut-In(1)
62	258.43	118.21	Open To Flow (2)
90	380.85	124.01	Shut-In(2)
122	1257.78	124.06	End Shut-In(2)
122	2090.08	124.46	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
186.00	MV - Oil spots, 20%M, 80%W	1.52
124.00	GMWCO, 10%G, 10%M, 30%W, 50%O	1.74
310.00	GWO, 30%G, 30%W, 40%O	4.35
248.00	SOCM, 5%O, 95%M	3.48

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum, Inc

22-20s-21w Ness, KS

4924 SE 84th St
New ton KS, 67114

Gwen #1

Job Ticket: 62447

DST#: 1

ATTN: Ryan Seib

Test Start: 2015.10.21 @ 18:30:00

Tool Information

Drill Pipe:	Length: 4215.00 ft	Diameter: 3.80 inches	Volume: 59.13 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 52000.00 lb
			<u>Total Volume: 59.72 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 47000.00 lb
Depth to Top Packer:	4342.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	72.00 ft			
Tool Length:	100.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4315.00	
Shut In Tool	5.00			4320.00	
Hydraulic tool	5.00			4325.00	
Jars	5.00			4330.00	
Safety Joint	3.00			4333.00	
Packer	5.00			4338.00	28.00 Bottom Of Top Packer
Packer	4.00			4342.00	
Stubb	1.00			4343.00	
Perforations	1.00			4344.00	
Change Over Sub	1.00			4345.00	
Drill Pipe	62.00			4407.00	
Change Over Sub	1.00			4408.00	
Recorder	0.00	6748	Inside	4408.00	
Recorder	0.00	8940	Outside	4408.00	
Perforations	3.00			4411.00	
Bullnose	3.00			4414.00	72.00 Bottom Packers & Anchor
Total Tool Length:	100.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc

22-20s-21w Ness,KS

4924 SE 84th St
New ton KS, 67114

Gwen #1

Job Ticket: 62447

DST#: 1

ATTN: Ryan Seib

Test Start: 2015.10.21 @ 18:30:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	43000 ppm
Viscosity: 49.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.59 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 7000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
186.00	MW - Oil spots, 20%M, 80%W	1.516
124.00	GMWCO, 10%G, 10%M, 30%W, 50%O	1.739
310.00	GWO, 30%G, 30%W, 40%O	4.348
248.00	SOCM, 5%O, 95%M	3.479

Total Length: 868.00 ft Total Volume: 11.082 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: .24 @ 50 Degrees = 43000ppm

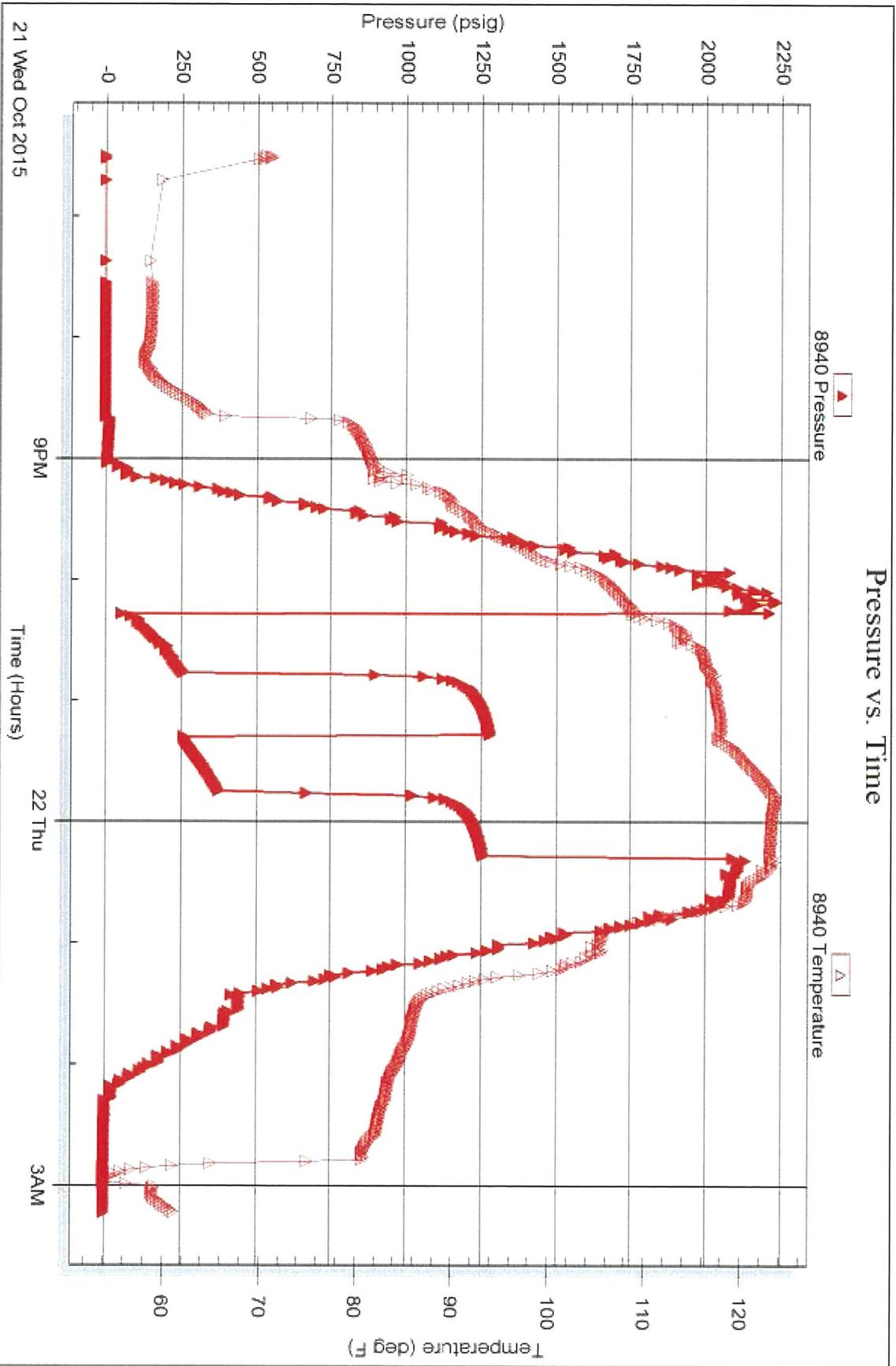
Serial #: 8940

Outside

Palomino Petroleum, Inc

Gw en #1

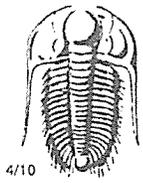
DST Test Number: 1



Triobite Testing, Inc

Ref. No: 62447

Printed 2015 10 22 @ 11:13:36



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 62447

Well Name & No. Gwen #1 Test No. 1 Date 10-21-15
 Company Palomino Petroleum, Inc Elevation 2225 KB 2226 GL
 Address 4924 SE 84th St, Newton KS, 67114
 Co. Rep / Geo. Ryan Scib Rig WW6
 Location: Sec. 22 Twp. 20S Rge. 21W Co. Ness State KS

Interval Tested 4342-4414 Zone Tested Miss
 Anchor Length 72' Drill Pipe Run 4215' Mud Wt. 9.4
 Top Packer Depth 4338 Drill Collars Run 120' Vis 49
 Bottom Packer Depth 4342 Wt. Pipe Run — WL 9.6
 Total Depth 4414 Chlorides 7,000 ppm System LCM 1

Blow Description IF - B.O.B. in 5 minutes
ISI - No return
FF - B.O.B. in 10 minutes
FST - No return

Rec	Feet of	%gas	%oil	%water	%mud
186	MW-oil spots		80	20	
124	GHOCMW	10	50	30	10
310	GHOCW	30	40	30	
248	USOCM		5		95

Rec Total 868' BHT 1240 Gravity — API RW .24 @ 50° F Chlorides 43,000 ppm

(A) Initial Hydrostatic 2210 Test 1150 T-On Location 1814
 (B) First Initial Flow 50 Jars 250 T-Started 1830
 (C) First Final Flow 256 Safety Joint 75 T-Open 2217
 (D) Initial Shut-In 1277 Circ Sub _____ T-Pulled 1217
 (E) Second Initial Flow 258 Hourly Standby _____ T-Out 0312
 (F) Second Final Flow 380 Mileage 123RT Comments _____
 (G) Final Shut-In 1257 Sampler _____
 (H) Final Hydrostatic 2090 Straddle _____ Ruined Shale Packer _____

Initial Open 30 Shale Packer _____ Ruined Packer _____
 Initial Shut-In 30 Extra Packer _____ Extra Copies _____
 Final Flow 30 Extra Recorder _____ Sub Total 0
 Final Shut-In 30 Day Standby _____ Total 1598
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1598

Approved By _____ Our Representative Cody Blakely Thank You

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