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

## ORIGINAL October 2008 Form Must Be Typed

Form ACO-1

#### **WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # _ 30742	API No. 15 - 15-135-25030 -0000
Name: Palomino Petroleum, Inc.	Spot Description:
Address 1: 4924 SE 84th St.	E/2 -NW - NE Sec. 20 Twp. 17 S. R. 23 East / West
Address 2:	330 Feet from V North / South Line of Section
City: Newton State: KS Zip: 67114 + 8 8 2 7	2210 Feet from  East / West Line of Section
Contact Person: Klee R. Watchous	
Phone: (316_) 799-1000	Footages Calculated from Nearest Outside Section Corner:
• • •	☑NE □NW □SE □SW
CONTRACTOR: License # 5184	County: Ness  Lease Name: Delaney Well #: 1
Name: Shields Drilling Company, Inc.	
Wellsite Geologist: Sean P. Deenihan	Field Name: None (Wildcat)
Purchaser: NCRA	Producing Formation: Mississippian
Designate Type of Completion:	Elevation: Ground: 2429 Kelly Bushing: 2434
New Well Re-Entry Workover	Total Depth: 4607 Plug Back Total Depth:
Oil SWD SIOW	Amount of Surface Pipe Set and Cemented at: Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used? ✓ Yes ☐ No
CM (Coal Bed Methane) Temp. Abd.	If yes, show depth set:Feet
Dry Other (Core, WSW, Expl., Cathodic, etc.)	If Alternate II completion, cement circulated from: 1705
If Workover/Re-entry: Old Well Info as follows:	feet depth to: surface w/ 150 sx cmt.
Operator:	Drilling Fluid Management Plan AH II NUL 5-12-10
Well Name:	(Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:	Chloride content: ppm Fluid volume: bbls
Deepening Re-perf Conv. to Enhr Conv. to SWD	Dewatering method used:
Plug Back: Plug Back Total Depth	
Commingled Docket No.:	Location of fluid disposal if hauled offsite:
Dual Completion	Operator Name:
Other (SWD or Enhr.?) Docket No.:	Lease Name: License No.:
2/19/10 3/1/10 3/1/10	Quarter Sec TwpS. R
Spud Date or Date Reached TD Completion Date or Recompletion Date	County: Docket No.:
INSTRUCTIONS: An original and two copies of this form shall be filed with Kansas 67202, within 120 days of the spud date, recompletion, workover or coperate two of this form will be held confidential for a period of 12 months if requiality in excess of 12 months). One copy of all wireline logs and geologist we BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 for	onversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information uested in writing and submitted with the form (see rule 82-3-107 for confiden-II report shall be attached with this form. ALL CEMENTING TICKETS MUST
All requirements of the statutes, rules and regulations promulgated to regulate to are complete and correct of the best of my knowledge.	ne oil as industry have been fully complied with and the statements herein
Signature: Nuchaw	VCC Office Hee Chilly
Title: President Date: May 7, 2010	KCC Office Use ONLY
	Letter of Confidentiality Received
Subscribed and sworn to before me this 7th day of May	, If Denied, Yes Date: RECEIVED
$20 \underline{10}$ $\Omega$ $\Omega$ $\Omega$	Whenhe Log Received TONA NON COM
Notary Public: ( ala K Penisell	Geologist Report Received
Carla R. Penwell 1 A NOTARY PUBLIC - State of Kar	ISSS UIC Distribution 2010
Date Commission Expires: October 6, 2013 CARLA R. PENWELL  My Appt. Expires 10 - 12-13	CONSERVATION DIVIS
wy Appl. Expires 10 10	WICHITA, KS

Operator Name: Pal	omino Petroleum,	Inc.		Lease I	Name: _	Delaney		Well #: _1_	
Sec20 Twp1	17 S. R. 23	. [] Ea	st 🗸 West	County	. Nes	5			
time tool open and cl	osed, flowing and sh tes if gas to surface t	ut-in pres est, alonç	sures, whether s	shut-in pres	sure rea	ched static leve	l, hydrostatic pre	ssures, bottom	giving interval tested, hole temperature, fluid Electric Wireline Logs
Drill Stem Tests Take (Attach Additional		<b>V</b>	Yes 🗌 No		<b>✓</b> ι	.og Formati	on (Top), Depth	and Datum	☐ Sample
Samples Sent to Geo	ological Survey		Yes 🗌 No		Nan Anhy			Top 1734	Datum (+ 700)
Cores Taken Electric Log Run (Submit Copy)			Yes 📝 No Yes 🗍 No		Base	Anhy. ka		1766 3518	(+ 668) (-1084)
List All E. Logs Run:					Heet			3800	(-1366)
-	ard, Sonic, M	icro. D	ual Inductio	on.	Lans	•		3836	(-1402)
	d Density/Neu			J. 1,	BKC			4120 4196	(-1686)
			CACINIC	DECODE	L	naton		4190	(-1762)
		Rep	CASING port all strings set-c	RECORD conductor, sur	√ N rface, int		tion, etc.		
Purpose of String	Size Hole Drilled		iize Casing et (In O.D.)	Weig Lbs./		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4"	8 5/8"		20#		507'	Common	230	2% gel, 3% c.c.
Production	7 7/8"	5 1/2		14#		4595'	SMD	500	500 gal. mud flush,
							EA-2	100	w/add., 20 bbls. KCL water
		-	ADDITIONAL	CEMENTIN	IG / SQL	JEEZE RECORD	)		
Purpose:  —— Perforate  —— Protect Casing  —— Plug Back TD	Depth Top Bottom	Тур	e of Cement	#Sacks l	Used		Type and	Percent Additives	
Plug Off Zone									
Shots Per Foot	PERFORATI Specify	ON RECO Footage of	RD - Bridge Plugs Each Interval Perfo	s Set/Type orated			cture, Shot, Cemer mount and Kind of N		d Depth
4	4438-4440							- KANSAS CO	RECEIVED RPORATION COMMISSION
			<u> </u>						Y 1 0 2010
İ					-	706.77		CONSE	RVATION DIVISION
								W	HICHITA, KS
TUBING RECORD:	Size: 2 7/8"	Set At 4568'		Packer At:		Liner Run:	Yes 🗸 No	<del></del>	
Date of First, Resumed F 4/10/10	Production, SWD or Enl	nr.	Producing Metho		] Flowing	<b>✓</b> Pumpir	ng 🔲 Gas Li	ft 🔲 Othe	er (Explain)
Estimated Production Per 24 Hours	Oil 1 2%	3bls.	Gas N	<b>Acf</b>	Wate		ols. <b>94</b>	Gas-Oil Ratio	Gravity
DISPOSITIO	N OF GAS:		ME	ETHOD OF C	OMPLE	TION:		PRODUCTIO	N INTERVAL:
Vented Sold	Used on Lease			Perf.	Dually		nmingled		

## **LOGS**

Pawnee	4230	(-1796)
Ft. Scott	4324	(-1890)
Cherokee	4348	(-1914)
Warsaw	4425	(-1991)
Gilmore City	4556	(-2122)
LTD	4607	(-2173)

RECEIVED KANSAS CORPORATION COMMISSION

MAY 1 0 2010

CONSERVATION DIVISION WICHITA. KS



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



Invoice

DATE	INVOICE#
3/16/2010	18345

RECEIVED

Acidizing

MAR 1 8 2010

Cement

• Tool Rental

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

TERMS	Well N	Ю.	Lease	County	Contractor	We	II Type	We	ell Category	Job Purpose	е	Operator
Net 30	#1		Delaney	Ness	DS&W Well Servi		Oil	Do	evelopment	Cement Port Co	llar	Brett
PRICE	REF.			DESCRIPT	ION		QTY	′	UM	UNIT PRICE	1	MOUNT
575D 576D-D 581D 582D 330 276 290 105		Pun Serv Min Swi Floo D-A Port	ir Collar Tool Ren	ent harge Standard (MID tal With Man	CON II)			1 200 1 150 50 2	Miles Job Sacks Each Sacks Lb(s) Gallon(s) Each	5.00 1,100.00 1.50 250.00 14.00 1.50 35.00 300.00		50.00 1,100.00 300.00 250.00 2,100.00T 75.00T 70.00T 300.00T
We Ap	prec	cia	te Your B	usiness	E KANSAS COF	RECE	IVED TON COMM	ISSION	Total			\$4 370 80

\$4,379.89

MAY 1 0 2919



CHARGE TO:	omino	Petro	lang	
CITY, STATE, ZIP CODE				 -

T	IC	K	E	T

18345

PAG	E	OF	
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	OWN	ER	

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SERVICE LOCATIONS	VC	WELL/PROJECT NO	<u>).</u>	L	EASE		COUNTY/PARISH	STATE	ICITY			DAT	E	Town	FR	
1. Ness Cit	J 1-2	-i		- 1,	/) <sub>æ</sub> [	ane g	Ness	KS	Nes:	50	`	1	~16~10			
2.		TICKET TYPE CO	ONTRAC	TOR	<u> </u>		RIG NAME/NO.	SHIPPED	DELIVERED TO	<u> </u>	19		DER NO.			
		SERVICE SALES	15	4-W	W	11Service		VIA	Ranso	5) ((4	•	I one	LIVIO.			
3.		WELL TYPE	<del></del>	V	VELL CA	TEGORY JOB P	URPOSE	L	WELL PERMIT	NO.		WEI	L LOCATION			
4.		Oil		1	lkve	dopinent Ce.	ment PortCo	ila -						~	BILLE	- +
REFERRAL LOCATION		INVOICE INSTRUC	TIONS		74.	The state of the s	men / o / fab	1000	L		<del></del>		6 2) C' L	<del>3 /</del>	NKES	1910
PRICE	SECONDAR	Y REFERENCE/	<del></del>	ACCOUNTI	NG				<del></del>							
REFERENCE	PART	NUMBER	LOC		DF		DESCRIPTION		QTY.	U/M	QTY.	U/M	UNIT PRICE		AMOUNT	
575					İ	MILEAGE T. RF	F114		10!	mi			5	loc	50	
5761						Pump Ch	arge Port	-Coller	, ,				1100	00	1100	
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276			$\perp \perp$			Flocele			50	bs			1	50	75	$\overline{OO}$
290				[A@am		N-Air			2				35	00		00
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LEGAL TERMS:	Customer here	eby acknowledg	es and	d agrees t				SUR	VEY	AGREE	UN- DECIDED	DIS-	-	-	<u> </u>	<del> </del>
the terms and cond						REMIT PAY	MENT TO:	OUR EQUIPMENT		+	DECIDED	AGREE	PAGE TOT	AL	4245	100
but are not limited								WITHOUT BREAK	DOWN?		<u> </u>				12 10	$\overline{\square}$
LIMITED WARRA			ADEI	ivii i, aii	lu			WE UNDERSTOO MET YOUR NEED								
MUST BE SIGNED BY CU						SWIFT SER	VICES, INC.	OUR SERVICE WA		<b>†</b>				ľ		1
START OF WORK OR DE	LIVERY OF GOODS	OMER'S AGENT PRIC	OR TO		1					+	<del> </del>		ness	5		
A = A = A		Le,					OX 466	WE OPERATED T AND PERFORMED CALCULATIONS	O JOB				TAX	37	134	189
X Forket	esnovi					NESS CITY	', KS 67560	SATISFACTORILY	<b>'</b> ?	EDWICE?		<u> </u>	5.3	10	101	0
DATÉ SIGNED		IME SIGNED		24 A.M.				ARE YOU SATISF	IED WITH OUR S		NO					
3-16-		1030		45 P.M.	_	785-79	8-2300	E CUS	TOMED DID NOT		DE000110	-	TOTAL	- 1	4379	189

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket. Brett Corsair

Thank You!

SWIFT Services, Inc. JOB LOG DATE 3-16-10 PAGE NO. LEASE () e | ane i PRESSURE (PST) WELL NO. Sustance Petroleum VOLUME (BBL) (GAL) PUMPS DESCRIPTION OF OPERATION AND MATERIALS T C TUBING CASING 1030 On Location 21/5×5/2 1000 Pressure Test Annulus-Held 1100 Open Tool - Injection Rate 1105 400 1110 400 Cement to Surface & 400 Shut Down-Start Displacement 150sks Total - 15skstopit Shut Down-Shut in 400 1135 200 Close Tool-PressureTest-Helo 1000 Run 5Tts Reverse Clear 1230 RECEIVED KANSAS CORPORATION COMMISSION MAY 1 0 2010 CONSERVATION DIVISION WICHITA, KS



BILL TO

P. O. Box 466

Ness City, KS 67560

Off: 785-798-2300



Invoice

DATE	INVOICE#
3/1/2010	18332

## RECEIVED

MAR 0 4 2010

- Acidizing
- Cement
- Tool Rental

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

TERMS	Well N	o. Lease	County	Contractor	We	ІІ Туре	w	/ell Category	Job Purpose	е	Operator
Net 30	#1	Delaney	Ness	Shields Drilling		Oil	Г	Development	Cement 5-1/2" C		Brett
PRICE I	PRICE REF. DESCRIPTION		ION		QTY	1	UM	UNIT PRICE	Α	MOUNT	
575D 578D-L 221 281 402-5 403-5 404-5 406-5 407-5 419-5 325 330 276 283 284 285 290 581D 582D		Mileage - 1 Way Pump Charge - Long Liquid KCL (Clayfix Mud Flush 5 1/2" Centralizer 5 1/2" Cement Baske 5 1/2" Port Collar 5 1/2" Latch Down P 5 1/2" Insert Float Sh 5 1/2" Rotating Head Standard Cement Swift Multi-Density S Flocele Calseal CFR-1 D-Air Service Charge Ceme Minimum Drayage Colladiant Subtotal Sales Tax Ness Count	et  Plug & Baffle noe With Auto I Rental Standard (MID) ent harge	CON II)	<del>-CEIV</del>		1 2 500 10 3 1 1 1 100 100 50 50 5 50 2	Each Each Each Each Each Each	5.00 1,400.00 25.00 1.00 55.00 180.00 1,900.00 225.00 275.00 150.00 11.00 14.00 1.50 0.15 30.00 4.00 35.00 1.50 250.00		50.00 1,400.00 50.00T 500.00T 550.00T 540.00T 1,900.00T 225.00T 150.00T 1,100.00T 1,400.00T 75.00T 150.00T 200.00T 70.00T 300.00 250.00  9,260.00 384.78
We Ap	prec	iate Your E	Business	MANSAS CORPO	ORATIO	N COMMISS	SION	Total			\$9,644.78



REFERRAL LOCATION

PRICE

22

28

404

RENCE

WELL TYPE

PART NUMBER

RECEIVE COMMISSION RANSAS CORPORATION COMMISSION CHARGE TO: Petroleum **TICKET** alomine ADDRESS MAY 10 2013 18332 CONSERVATION DIVISION WICHITA, KS CITY, STATE, ZIP CODE PAGE WELL/PROJECT NO. LEASE COUNTY/PARISH STATE DATE OWNER Ness 3-1-10 TICKET TYPE | CONTRACTOR SHIPPED DELIVERED TO SERVICE SALES ORDER NO Ransom JOB PURPOSE WELL PERMIT NO. WELL LOCATION 5 1/2 Casine Ness City 8N, 34E Sinto INVOICE INSTRUCTIONS SECONDARY REFERENCE/ ACCOUNTING DESCRIPTION LOC ACCT DF UNIT QTY. **AMOUNT** U/M QTY. U/M **PRICE** MILEAGE ြပ္သည Longstring 1400 25pc5% 5/2 80 51/2 らん 5 % 5000 50

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 SUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X DATE SIGNED TIME SIGNED A.M. 0.30

**REMIT PAYMENT TO:** 

SWIFT SERVICES, INC. P.O. BOX 466 NESS CITY, KS 67560 785-798-2300

	SURVEY	AGREE	UN- DECIDED	DIS- AGREE				<del> </del>
	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				PAGE TOTA	AL /	5640	1 100
	WE UNDERSTOOD AND MET YOUR NEEDS? OUR SERVICE WAS				Paget			
	PERFORMED WITHOUT DELAY?				Ti alge	_	3620	$\bigcirc \mathcal{C}$
i	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS				Subto-	le l	9260	00
	SATISFACTORILY?  ARE YOU SATISFIED WITH OUR SE	D)#OF2			TAX 2.55 5.	3%	384	78
	THE TOO SATISFIED WITH OUR SE		NO	- (				
	CUSTOMER DID NOT	WISH TO F	RESPOND		TOTAL		9644	78

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket

SWIFT OPERATOR Orsair

Thank You!



PO Box 466

## **TICKET CONTINUATION**

No. 18332\_

Service			y, KS 675 5-798-23		CUSTOMER Palaniac	e trale : -	WELL Delan		#1 /		DATE 3-1-10		PAGE OF	
PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	LÓC	ACCT	TIME	Providence and the second	SCRIPTION			QTY.	U/M	UNIT PRICE		AMOUNT	Tagaint.
325		ì			Standard	Cement EA-2	100			C/III		$ \infty $	- 1100	ار
330		1			Swift Multi	n-Density Stanlar	100	ske			14	00		
276		li			Flocele	7 170101 13	50	165		 		50	75	<u>60</u>
283		i			Salt		500				0	15	75	
284		1			Celseal			sks	_		30	<u>60</u>		
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290		li			D-Air		2	00.1			35		70	
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581 582		1			SERVICE CHARGE		CUBIC FEET	20	0		ſ.	<u>50</u>	300	$\overline{\infty}$
582					MILEAGE TOTAL WEIGHT CHARGE 2096	LOADED MILES	TON MILES				250	<u>ه</u>	250	
										ONTINI	ATION TOTAL		3/00	
										DMITHE	AIUNIUIAL	7 (58.7) Post-14.2	3620.	CC

SWIFT Services, Inc. JOB LOG LEASE Delaney PRESSURE (PSI) customer Palomino fetrak-m JOB TYPE +5 1/2 Casing 18332 WELL NO. RATE (BPM) VOLUME (BBL) (GAL) DESCRIPTION OF OPERATION AND MATERIALS TUBING CASING 1030 On Location Cent. 1, 3, 4, 5, 6, 7, 8, 10, 12, 68 + SY2 Casing 1230 Bresk Circulation 1445 1600 Mud Flush +KCL Flush 32 + Hole 30sks 1610 1615 Cemen + 50sks SMDQ 12.789 Switch Convent 100sks EA-2015,5 pr Shut Down-ReleasePing-Wash Fumplines 1430 isplacement 85 lug-Release-Helo 1645 111.6 Wash Truck KANSAS GORPORATION COMMISSION 1715 MAY 1 0 2010 ICHITA. KS

## Quality Oilwell Cementing Inc.

Invoice

740 W WICHITA P.O. Box 32 Russell, KS 67665

## RECEIVED

FEB 24 2010

Date	Invoice #
2/22/2010	2314

Bill To	
Palomino Petroleum Inc 4924 SE 84th Newton Ks 67114	

P.O. No.	Terms	Project
	Net 30	

Quantity	Description	Rate		Amount
230	common		10.00	2,300.00T
	GEL		17.00	68.00T
	Calcium		42.00	336.00T
	handling		2.00	484.00
	MILEAGE CHARGE	3	350.00	350.00
	8 5/8 wooden plug		69.00	69.00T
	surface pipe 500-1500ft pump truck mileage charge		550.00	550.00
555	discount if paid within 30 days DISCOUNT HAS ALREADY BEEN DEDUCTED		7.00	56.00
288	discount if paid within 30 days DISCOUNT HAS ALREADY BEEN DEDUCTED		-1.00	-555.00T
200	discount it paid within 30 days DISCOUNT HAS ALKEAD I BEEN DEDUCTED		-1.00	-288.00
	LEASE: DELANEY WELL #1			
	Ness county Sales Tax		5.30%	117.55
]	•	·	3.5070	117.33
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	RECEIVED		j	;
	KANSAS CORPORATION COMMISSION		İ	
	TO STORING WOLLD CO.		1	
	MAY 1 0 2010			
Thank you for your	COMPETANTICIA DIVICION	<del></del>		
	WICHITA, KS	Total		\$3,487.55

# QUALITY OILWELL CEMENTING, INC.

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

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

No. 3570

2 20 2014 Sec.	Twp. Range	County	State	On Location	Finish
Date 0 0 000 00	11 dsw	Ness	1 5		1:30 PM
Lease Delaney W	/ell No. #	Location Hwy	4 + Hwy 28	13 J.t. 5	55, &E, 3
Contractor Sheilds Do	Hinox	Owner		·	
Type Job Sustace Casing		To Quality O	oilwell Cementing, Inc. eby requested to rent c	ementina equinme	nt and furnish
Hole Size 124	T.D. 510'	cementer an	nd helper to assist owner	er or contractor to	do work as listed.
Csg. 8 /8 204	Depth 510.60	Charge P	Jamino Pet	coleum	
Tbg. Size	Depth	Street			·
	Depth	City		State	
Cement Left in Csg. 30	Shoe Joint 301		as done to satisfaction and	supervision of owne	er agent or contractor
		BLS	230 CE	MENT	· · · · · · · · · · · · · · · · · · ·
EQUIPMI	ENT	Amount Orde	ered 🐲 SX 🥒	mon 3% CC	2%621
Pumptrk 5 No. Cementer To	e	Common	medy. William ye		migrupe grier
Bulktrk Driver Driver	7	Poz. Mix			
Bulktrk Pick y 800. Driver Driver		Gel.	e de la companya de l	·	1.2
JOB SERVICES &	REMARKS	Calcium	A SAME OF SAME		41 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Remarks:		Hulls			
		Salt			
		Flowseal			
			· · · · · · · · · · · · · · · · · · ·		
				٠.	
Cement did	Cicculate				
.,		Handling	Robert Colonia		-11 4 F. 3 W
		Mileage		<b></b>	
	ORATION COMMISSION		FLOAT EQUIPMEN	IT	às
		Guide Shoe			
MAY	Y 10 2010	Centralizer	-		
CONSE	RVATION DIVISION	Baskets		***	#
	RVATION DIVISION NICHITA KS	AFU Inserts			
		8 % "	Double cup ph	4	1010 B.M.
	publicano. Ma puntos polico.		<u> </u>	y	
		Pumptrk Char	- 9000.00 100 1000		
		Mileage			100 (9)
	:			Tax	10 10 10 10 10 10 10 10 10 10 10 10 10 1
				Discount	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Signature American I may				Total Charge	ilanor a simi
The state of the s	)				

RICKETTS TESTING	<b>RICKET</b>	TS <sup>-</sup>	TEST	ING
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(620) 326-5830

Page 1

Company

Palomino Petroleum, Inc.

Address CSZ Attn.

4924 SE 84th St. Newton, KS 67114

Sean Dennihan

Lease Name Lease #

Legal Desc

**Drilling Cont** 

Delaney

**See Comments** 

Job Ticket 2098

Section Township

County

20 **17S** 

Ness

Range

Sheilds Oil Producers, Inc. #1

State

23W KS

Comments

Legal Description: 330' FNL & 2210' FEL

Chokes

146

Hole Size 7 7/8

Approved By

Test #1 Tester

Test Date 2/27/2010

**Tim Venters** 

Test Type

Mud Type

Filtrate

Mud Weight

**Conventional Bottom Hole Successful Test** 

# of Packers

2.0

GENERAL INFORMATION

Packer Size 6 3/4

Mileage Standby Time

**Gel Chem** 

9.5 10.8 Viscosity 49.0 Chlorides 6700 Extra Equipmnt Time on Site 9:30 AM

Tool Picked Up 11:00 AM Tool Layed Dwn5:25 PM

Top Recorder # W1119

Mid Recorder # W1022

Bott Recorder # 13565

Drill Collar Len 0 Wght Pipe Len 419.0

Elevation

2429.00

Kelley Bushings 2434.00

Formation Interval Top Mississippian Dol.

4405.0 **Bottom** 4434.0 Anchor Len Below 29.0

Between

Start Date/Time 2/27/2010 10:31 AM End Date/Time 2/27/2010 5:25 PM

Total Depth

4434.0

Blow Type

Weak 1/4 inch blow at the start of the initial flow period, building to 4 inches . Weak surface blow at the start of the final flow period, building to 1 inch.

Oil Gravity: 38. Times: 30, 30, 30, 60.

#### RECOVERY

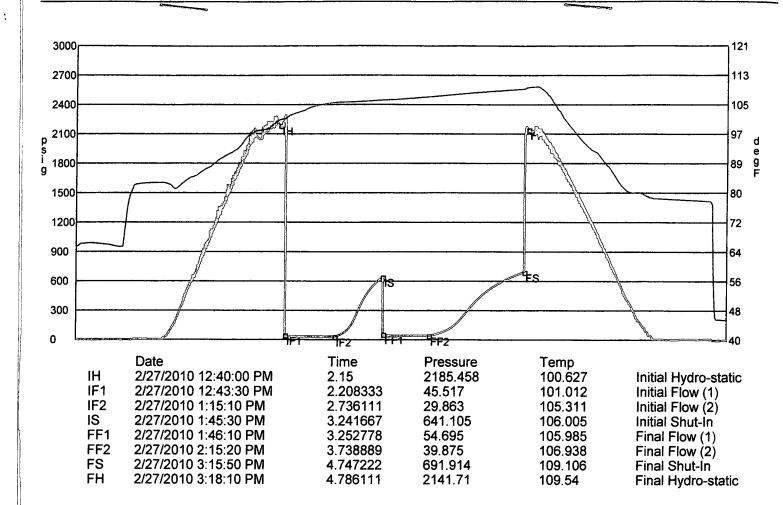
<u>Feet</u>	Description	Gas		Oil	Wat	er	Mud	
70	Clean oil	0%	Oft	100%70ft	0%	Oft	0%	Oft
30	Heavy mud cut oil	0%	Oft	64% 19.2ft	0%	Oft	36%	10.8ft

**DST Fluids** 0

> RECEIVED KANSAS CORPORATION COMMISSION

> > MAY 1 0 2010

CONSERVATION DIVISION



## GAS FLOWS

Min Into IFP	Min Into FFP	Gas Flows	Pressure	Choke

RECEIVED KANSAS CORPORATION COMMISSION

MAY 1 0 2010

WICHITA (S

County

**Drilling Cont** 

Mid Recorder # W1022

Bott Recorder # 13565

Ness

KS

State

Approved By

Sheilds Oil Producers, Inc. #1

Comments

Legal Description: 330' FNL & 2210' FEL

**Conventional Bottom Hole** 

GENERAL INFORMATION

Hole Size 7 7/8 Chokes 3/4 Top Recorder # W1119 Test #2 Test Date 2/28/2010

**Tim Venters** Tester

Test Type **Successful Test** 

# of Packers 2.0 Packer Size 6 3/4 Mileage 18

Standby Time

Extra Equipmnt Mud Type **Gel Chem** Time on Site

11:15 PM Mud Weight 9.5 Viscosity 49.0 Tool Picked Up 1:20 AM Filtrate 10.8 Chlorides 6700

Tool Layed Dwn8:55 AM Drill Collar Len 0

Elevation 2429.00 Kelley Bushings 2434.00 Wght Pipe Len 419.0

Start Date/Time 2/28/2010 12:35 AM Formation Mississippian End Date/Time 2/28/2010 9:06 AM 4429.0 **Bottom** 4441.0

Interval Top Anchor Len Below 12.0 Between

**Total Depth** 

Blow Type Strong blow throughout the initial flow period, reaching the bottom of the buck

et in 6 minutes. Weak surface blow back at the start of the initial shut-in per iod, building to 1 1/2 inches. Strong blow throughout the final flow period, re aching the bottom of the bucket in 9 minutes. Weak surface blow back throughout

the final shut-in period. Oil Gravity: 38. Times: 30, 30, 30, 30.

RECOVERY

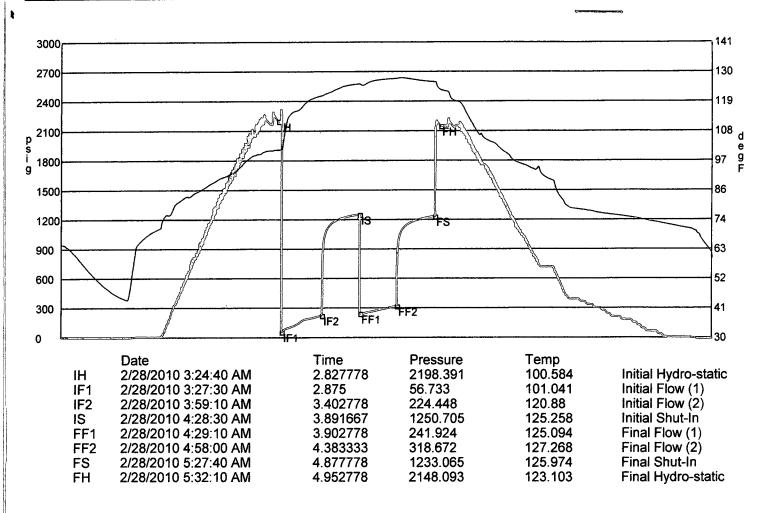
Feet	Description	Gas	Oil	Water	Mud
140	Gas in Pipe	100%140ft	0% Oft	0% Oft	0% Oft
780	Clean oil	0% Oft	100%780ft	0% Oft	0% Oft
60	Slight water, gas and mud cut oil	20% 12ft	45% 27ft	8% 4.8ft	27% 16.2ft
60	Slight gas, water and oil cut mud	7% 4.2ft	23% 13.8ft	15% 9ft	55% 33ft

**DST Fluids** 20000

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> > MAY 1 0 2010

CONST. WICHTIN 10



## GAS FLOWS

				<b></b>	
Min Into IFP	Min Into FFP	Gas Flows	Pressure	Choke	

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