



WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1138159

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. 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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method:
 Flowing Pumping Gas Lift Other (Explain) _____

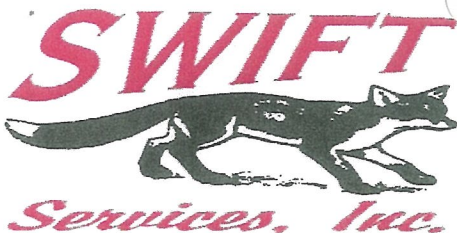
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	H2 1
Doc ID	1138159

Tops

Name	Top	Datum
Anhy.	1820	(+ 714)
Base Anhy.	1858	(+ 686)
Heebner	3871	(-1337)
Lansing	3913	(-1379)
BKC	4230	(-1676)
Marmaton	4250	(-1716)
Pawnee	4331	(-1797)
Ft. Scott	4419	(-1885)
Cherokee Sh.	4443	(-1909)
Miss. Por.	4510	(-1977)
LTD	4627	(-2093)



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



Invoice

DATE	INVOICE #
1/7/2013	23736

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

RECEIVED
 JAN 12 2013

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1	H 2	Ness	Cheyenne Well Se...	Oil	Development	Cement Port Collar	Blaine
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				20	Miles	6.00	120.00
576D-D	Pump Charge - Port Collar				1	Job	1,250.00	1,250.00
330	Swift Multi-Density Standard (MIDCON II)				120	Sacks	16.50	1,980.00T
276	Flocele				25	Lb(s)	2.00	50.00T
290	D-Air				2	Gallon(s)	35.00	70.00T
104	5 1/2" Port Collar Tool Rental				1	Each	250.00	250.00T
107	Stripper Head Rental Per Day				1	Each	250.00	250.00T
581D	Service Charge Cement				200	Sacks	2.00	400.00
582D	Minimum Drayage Charge				1	Each	250.00	250.00
	Subtotal							4,620.00
	Sales Tax Ness County						6.30%	163.80

Thank You For Your Business In 2012!
We Look Forward To Serving You In 2013!

Total \$4,783.80



Services, Inc.

CHARGE TO: **Palawino**
 ADDRESS
 CITY, STATE, ZIP CODE

TICKET No. **23736**

PAGE 1 OF 1

1. SERVICE LOCATIONS	WELL/PROJECT NO.	LEASE	COUNTY/PARISH	STATE	CITY	DATE	OWNER
New City KS	#12	H-2	Ness	KS	LAIRD	Jan 13	
2. TICKET TYPE	CONTRACTOR	RIG NAME/NO.	SHIPPED	DELIVERED TO	ORDER NO.		
<input type="checkbox"/> SERVICE <input type="checkbox"/> SALES			WST	Location			
3. WELL TYPE	WELL CATEGORY	JOB PURPOSE	WELL PERMIT NO.	WELL LOCATION			
	0.7	Development					
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575					MILEAGE	40	mi			6.00	120.00
576D					Pump Charge	1	ea			1250.00	1250.00
330					SMB cement	120	gal			16.50	1980.00
276					Flux	25	lb			2.00	50.00
290					D-AIR	2	gal			35.00	70.00
104					Post Collar Tool Rental	1	ea		5 1/2 in	250.00	250.00
107					STEPPER head rental	1	ea			250.00	250.00
582					Drugs (min)	1	ea			250.00	250.00
581					Service charge	200	sk			2.00	400.00

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: *Blair Blankel*
 TIME SIGNED: 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?	AGREE	UN-DECIDED	DIS-AGREE
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?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	

PAGE TOTAL **4620.00**

Tax **163.80**

TOTAL **4783.80**

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

JOB LOG

SWIFT Services, Inc.

CUSTOMER Palomino WELL NO. 1 LEASE H2 JOB TYPE cement port collar TICKET NO. 23736

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								200 sks SMD w/ $\frac{1}{2}$ " floccle 2 $\frac{3}{8}$ " x 5 $\frac{1}{2}$ " port collar - 1803'
	0930							on loc TRK 114
	1038					1000	1000	test 1000 psi - held - open
	1045	3	2			400		inj rate 3 bpm @ 400 psi 0
	1050	3				400		Mix SMD cement @ 11.2 ppg
		3	10			400		fluid to surface
	1105	3	62			450		— cement to surface —
								120 sks mix of 20 topit
	1120					1000	1000	close port collar test to 1000 psi - held
	1130		20					run 5 joints Reverse hole clean
	1135							wash truck
								Break up
	1230							job complete
								Thanks Blaine Dave TJ & Rob



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

RECEIVED

DEC 29 2012

Invoice

DATE	INVOICE #
12/21/2012	23781

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	H2	Ness	Val Energy #2	Oil	Development	5-1/2" LongString	Jason
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				15	Miles	6.00	90.00
578D-L	Pump Charge - Long String				1	Job	1,500.00	1,500.00
403-5	5 1/2" Cement Basket				2	Each	250.00	500.00T
404-5	5 1/2" Port Collar - 1845 Feet				1	Each	2,400.00	2,400.00T
406-5	5 1/2" Latch Down Plug & Baffle				1	Each	250.00	250.00T
407-5	5 1/2" Insert Float Shoe With Auto Fill				1	Each	350.00	350.00T
409-5	5 1/2" Turbolizer				10	Each	90.00	900.00T
281	Mud Flush				500	Gallon(s)	1.25	625.00T
221	Liquid KCL (Clayfix)				4	Gallon(s)	25.00	100.00T
276	Flocele				57	Lb(s)	2.00	114.00T
283	Salt				500	Lb(s)	0.20	100.00T
284	Calseal				5	Sack(s)	35.00	175.00T
285	CFR-1				50	Lb(s)	4.00	200.00T
290	D-Air				2	Gallon(s)	35.00	70.00T
325	Standard Cement				100	Sacks	13.50	1,350.00T
330	Swift Multi-Density Standard (MIDCON II)				125	Sacks	16.50	2,062.50T
581D	Service Charge Cement				225	Sacks	2.00	450.00
582D	Minimum Drayage Charge				1	Each	250.00	250.00
	Subtotal							11,486.50
	Sales Tax Ness County						6.30%	579.38

Thank You For Your Business In 2012! We Look Forward To Serving You In 2013!	Total	\$12,065.88
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Services, Inc.

CHARGE TO: **PALEMOND PETROLEUM**
 ADDRESS
 CITY, STATE, ZIP CODE

TICKET No. **23781**

PAGE 1 OF

SERVICE LOCATION 1. Ness City, KS.	WELL/PROJECT NO. H2 #1	LEASE H2 #1	COUNTY/PARISH Ness	STATE KS	CITY LAIRD, KS	DATE 21 Dec 12	OWNER
TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR VAC DRILLING #2	RIG NAME/NO.	WELL CATEGORY DEVELOPMENT	WELL PERMIT NO.	WELL LOCATION 1/2w/3/4S, 1w/5 hour way	ORDER NO.	
WELL TYPE DIL	JOB PURPOSE S&K STRINGS	WELL PERMIT NO.					
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	15	mil			6.00	90.00
578					PUMP CHARGE	1500	lb			1500.00	1500.00
403					CEMENT BASKETS	2 EA				250.00	500.00
404					PORT COLLAR	1 EA.		1845 FT.		240.00	240.00
406					LATCH DOWN PLUG & BARREL	1 EA				350.00	350.00
407					INSERT FLAT SHOE w/AUTO FILL	1 EA				350.00	350.00
409					TARBOLTERS	10 EA.				90.00	900.00
281					MUD FLUSH	500 gal				1.35	675.00
221					LIQUID REL	4 gal				25.00	100.00

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: **21 Dec 12** TIME SIGNED: **1445** A.M. P.M.

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

<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND	<input type="checkbox"/> YES	<input type="checkbox"/> NO		
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?	AGREE	UN-DECIDED	DIS-AGREE
PAGE TOTAL	1	6715.00	2	4771.00
TOTAL	12,005.88			

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



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

TICKET CONTINUATION

TICKET No. 23781

CUSTOMER: **Palmer's Petroleum**

WELL: **H2 #1**

DATE: **21 Dec 12**

PAGE: **21** OF **2**

PRICE REFERENCE	SECONDARY REFERENCE / PART NUMBER	ACCOUNTING		TIME	DESCRIPTION	WELL		UNIT PRICE	AMOUNT
		LOC	ACCT			DE	QTY.		
276					FLUIDICE			2.00	114.00
283					SALT			2.25	180.00
284					CALSEAL			35.00	175.00
285					CFR-1			4.00	200.00
290					D-AIR			35.00	70.00
325					STANDARD CEMENT EA2			1.35	1350.00
330					SULFITMULIN DENSITY			16.50	2062.50
581					SERVICE CHARGE			2.00	450.00
582					MILEAGE CHARGE			250.00	250.00
					TOTAL WEIGHT	LOADED MILES	TON MILES		
					22567	15	171.50		
CONTINUATION TOTAL									4771.50

JOB LOG

SWIFT Services, Inc.

DATE 21 Dec 12 PAGE NO.

CUSTOMER		WELL NO.		LEASE		JOB TYPE		TICKET NO.	
PALOMINO PETROLEUM				H2 #1		5 1/2 LONG STRING		23781	
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS	
				T	C	TUBING	CASING		
	0830								ON LOCATION
									START PIPE 5 1/2" 14 #
									RTD @ 4620 LTD @ 4627
									SHOE JT. 30.46
									CENTRALIZERS 1,2,3,4,5,6,7,8,10, 166
									BASKETS 2, 67
									PORT COLLAR TOP OF 67 @ 1800
	1232								DROP BALL - CIRCULATE
	1324	6 1/2	12		✓		300		Pump 500 gal MUD FLUSA
		6 1/2	20		✓		300		Pump 20 Bbl KCL FLUSA
	1328		7.5						PLUGRA-MH (30sx-20sx)
	1332	4 1/2	27		✓				MIX 75sx SMD
		4 1/2	24		✓				MIX 100sx EA2
	1351								WASH OUT OF Pump & LINES
	1353	6 1/2			✓				START DISPLACING PLUG
	1410	Ø	112		✓		1500		PLUG DOWN PSI UP LATCH PLUG IN
	1413				✓				RELEASE PSI - DRY
	1425								WASH TRUCK
	1445								JOB COMPLETE
									THANKS #115
									JASON JEFF JEREMY



CONSOLIDATED
Oil Well Services, LLC

RECEIVED

DEC 19 2012

REMIT TO
Consolidated Oil Well Services, LLC
Dept. 970
P.O. Box 4346
Houston, TX 77210-4346

MAIN OFFICE
P.O. Box 884
Chanute, KS 66720
620/431-9210 • 1-800/467-8676
Fax 620/431-0012

INVOICE

Invoice # 255356

Invoice Date: 12/17/2012 Terms: 10/10/30,n/30

Page 1

PALOMINO PETROLEUM, INC.
4924 SE 84TH STREET
NEWTON KS 67114-8827
() -

H2 #1
39220
8-19-25
12-13-2012
KS

Part Number	Description	Qty	Unit Price	Total
1104S	CLASS "A" CEMENT (SALE)	165.00	17.6500	2912.25
1118B	PREMIUM GEL / BENTONITE	465.00	.2500	116.25
1102	CALCIUM CHLORIDE (50#)	310.00	.8900	275.90

Sublet Performed	Description	Total
9996-130	CEMENT MATERIAL DISCOUNT	-330.44
9995-130	CEMENT EQUIPMENT DISCOUNT	-159.50

	Description	Hours	Unit Price	Total
463	CEMENT PUMP (SURFACE)	1.00	1085.00	1085.00
463	EQUIPMENT MILEAGE (ONE WAY)	20.00	5.00	100.00
566	MIN. BULK DELIVERY	1.00	410.00	410.00

Amount Due 5107.57 if paid after 01/16/2013

Parts:	3304.40	Freight:	.00	Tax:	187.35	AR	4596.81
Labor:	.00	Misc:	.00	Total:	4596.81		
Sublt:	-489.94	Supplies:	.00	Change:	.00		

Signed _____ Date _____



CONSOLIDATED
Oil Well Services, LLC

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

TICKET NUMBER 39220

LOCATION Orley #5

FOREMAN Fuzz

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
12-13-12	6285	H2 #1	8	19	25	Neosho
CUSTOMER Palomino Petroleum			Land 15-16			
MAILING ADDRESS			15-5-NESEW 2W			
CITY	STATE	ZIP CODE	TRUCK #	DRIVER	TRUCK #	DRIVER
			463	COMP		
			566	Jordan L		

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 225' CASING SIZE & WEIGHT 8 5/8
 CASING DEPTH 225' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.7 SLURRY VOL 1.36 WATER gal/sk 6.5 CEMENT LEFT in CASING 20'
 DISPLACEMENT 13 BBL DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting on Ual #2. Pick up and circulate
mix 165 lbs class A 390cc 290 gal. Displace 13 BBL and shut in.
cement did circulate approx 4 BBL to pit

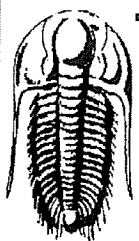
ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	1085.00	1085.00
5406	20	MILEAGE	5.00	100.00
5407	7.8 doz	Ten mileage Delivery (min)	410.00	410.00
11045	1659 lbs	Class 'A' cement	17.65	2912.25
1118B	465 #	Bentonite	.25	116.25
1102	310 #	Calcium chloride	.89	275.90
		Subtotal		4899.40
		less 100.00		489.94
		Subtotal		4409.40
		SALES TAX		187.35
		ESTIMATED TOTAL		4596.81

Revin 3737

AUTHORIZATION Rob Smith TITLE _____ DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

255350



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum Inc.

8 19s 25w Ness

4924 SE 84th St
New ton KS 67114-8827

H2 Unit # 1

Job Ticket: 51542

DST#: 1

ATTN: Ryan Seib 785 798 53

Test Start: 2012.12.19 @ 00:45:00

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: 2534.00 ft (KB)

Time Tool Opened: 04:16:20

Time Test Ended: 08:30:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Jim Svaty

Unit No: 41

Interval: **4212.00 ft (KB) To 4350.00 ft (KB) (TVD)**

Total Depth: 4350.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2534.00 ft (KB)

2524.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6752

Inside

Press@RunDepth: 305.49 psig @ 4221.00 ft (KB)

Start Date: 2012.12.19

End Date:

2012.12.19

Start Time: 00:45:01

End Time:

08:29:30

Capacity: 8000.00 psig

Last Calib.: 2012.12.19

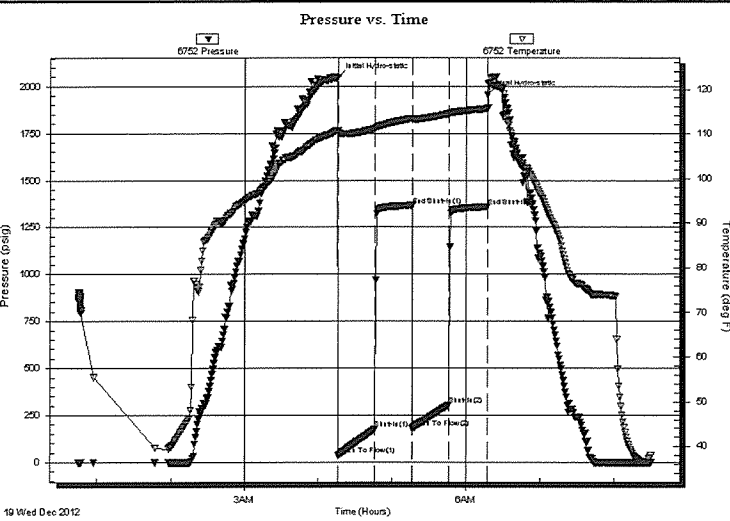
Time On Btm: 2012.12.19 @ 04:16:00

Time Off Btm: 2012.12.19 @ 06:17:10

TEST COMMENT: 30-IFP- BOB in 8 min.
30-ISIP- No Blow
30-FFP- BOB in 11 min.
30-FSIP- No Blow

PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2048.01	110.67	Initial Hydro-static
1	35.17	110.32	Open To Flow (1)
31	174.62	111.16	Shut-In(1)
61	1363.10	113.42	End Shut-In(1)
61	179.89	113.23	Open To Flow (2)
91	305.49	114.44	Shut-In(2)
121	1358.01	115.64	End Shut-In(2)
122	1954.84	115.83	Final Hydro-static

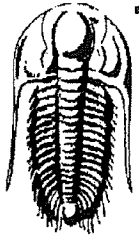


Recovery

Length (ft)	Description	Volume (bbl)
598.00	MCW 10% m 90% w	8.39

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Inc.

8 19s 25w Ness

4924 SE 84th St
New ton KS 67114-8827

H2 Unit # 1

Job Ticket: 51542

DST#: 1

ATTN: Ryan Seib 785 798 53

Test Start: 2012.12.19 @ 00:45:00

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:

125000 ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbl

Water Loss: 5.60 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4400.00 ppm

Filter Cake: 4.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
598.00	MCW 10% m 90% w	8.388

Total Length: 598.00 ft

Total Volume: 8.388 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .130 @ 37

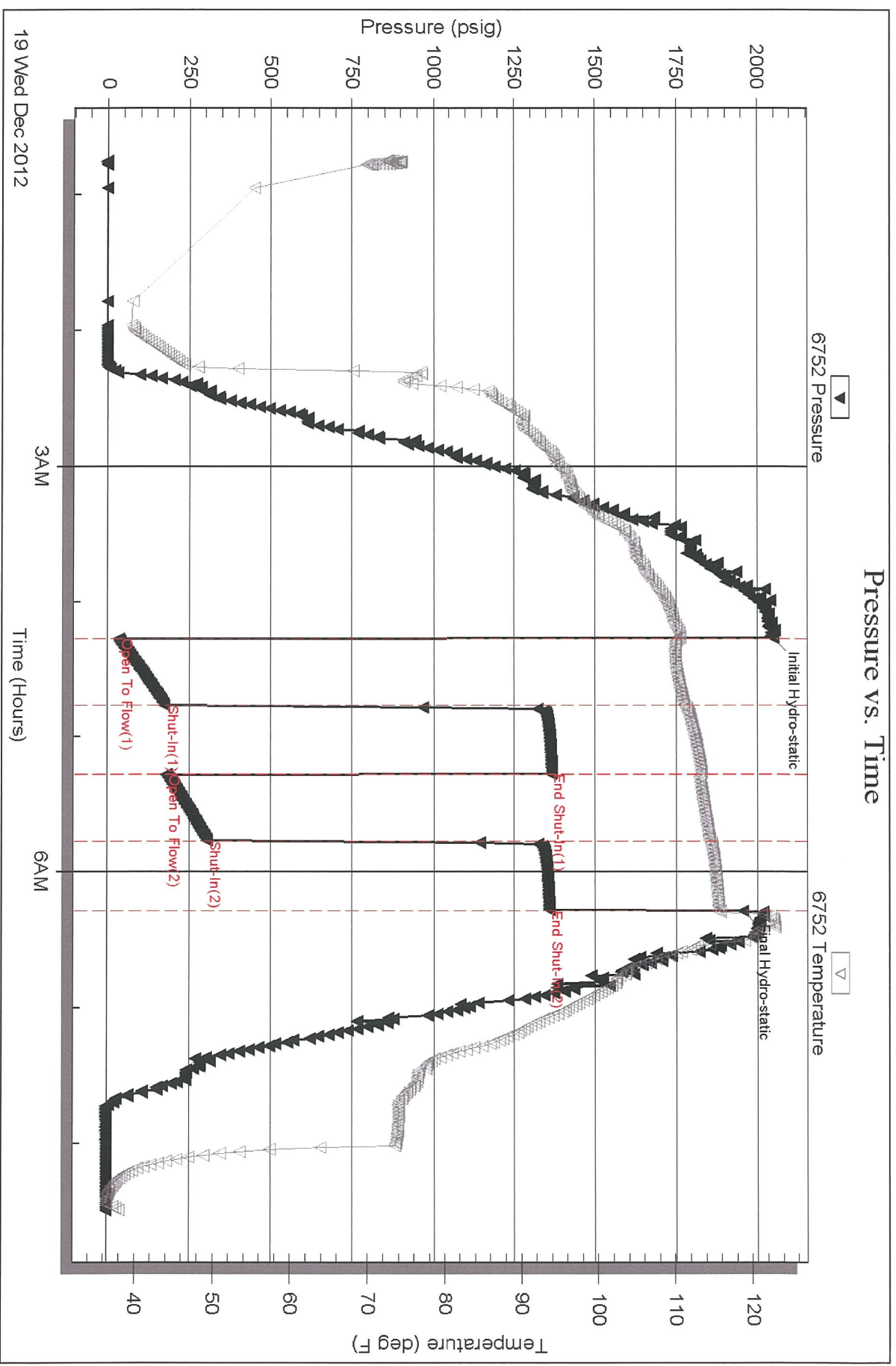
Serial #: 6752

Inside

Palomiro Petroleum Inc.

H2 Unit # 1

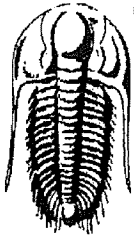
DST Test Number: 1



Trilobe Testing, Inc

Ref. No: 51542

Printed: 2012.12.19 @ 09:02:10



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum Inc.

8 19s 25w Ness

4924 SE 84th St
New ton KS 67114-8827

H2 Unit # 1

ATTN: Ryan Seib 785 798 53

Job Ticket: 51569

DST#: 2

Test Start: 2012.12.20 @ 14:55:00

GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: 2534.00 ft (KB)

Time Tool Opened: 18:17:30

Time Test Ended: 00:07:19

Test Type: Conventional Straddle (Reset)

Tester: Cody Bloedorn

Unit No: 41

Interval: 4430.00 ft (KB) To 4529.00 ft (KB) (TVD)

Reference Elevations: 2534.00 ft (KB)

Total Depth: 4620.00 ft (KB) (TVD)

2524.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 8322 Inside

Press@RunDepth: 706.09 psig @ 4500.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.12.20

End Date:

2012.12.21

Last Calib.: 2012.12.21

Start Time: 14:55:01

End Time:

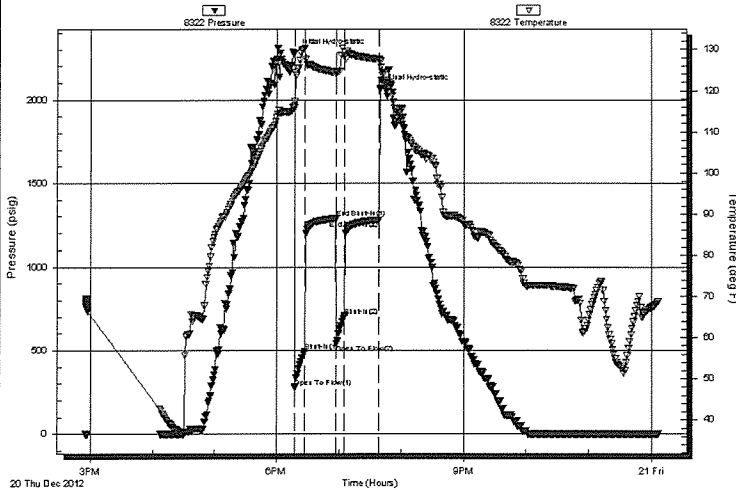
00:07:19

Time On Btm: 2012.12.20 @ 18:17:00

Time Off Btm: 2012.12.20 @ 19:39:39

TEST COMMENT: 10 - IF- B.O.B. in 1 Minute
30 - IS- Surface blow back after 6 Minutes
10 - FF- B.O.B. in 1 Minute
30 - FS- Surface blow back at 3 Minutes

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2279.51	115.84	Initial Hydro-static
1	275.08	116.47	Open To Flow (1)
10	494.23	130.38	Shut-In(1)
40	1288.39	124.41	End Shut-In(1)
41	537.99	124.04	Open To Flow (2)
49	706.09	128.65	Shut-In(2)
82	1276.60	127.57	End Shut-In(2)
83	2064.89	127.02	Final Hydro-static

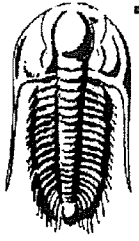
Recovery

Length (ft)	Description	Volume (bbl)
124.00	OCWM, 5%W, 15%O, 80%M	1.74
975.00	GHOCMW, 10%M, 15%W, 25%G, 50%O	13.68
248.00	GSOCM, 10%G, 10%O, 80%M	3.48
0.00	186' of G.I.P.	0.00

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Inc.

8 19s 25w Ness

4924 SE 84th St
New ton KS 67114-8827

H2 Unit # 1

Job Ticket: 51569

DST#: 2

ATTN: Ryan Seib 785 798 53

Test Start: 2012.12.20 @ 14:55:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 60.00 sec/qt
Water Loss: 7.99 in³
Resistivity: ohm.m
Salinity: 4500.00 ppm
Filter Cake: inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	OCWM, 5%W, 15%O, 80%M	1.739
975.00	GHOCMW, 10%M, 15%W, 25%G, 50%O	13.677
248.00	GSOCM, 10%G, 10%O, 80%M	3.479
0.00	186' of G.I.P.	0.000

Total Length: 1347.00 ft Total Volume: 18.895 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8322

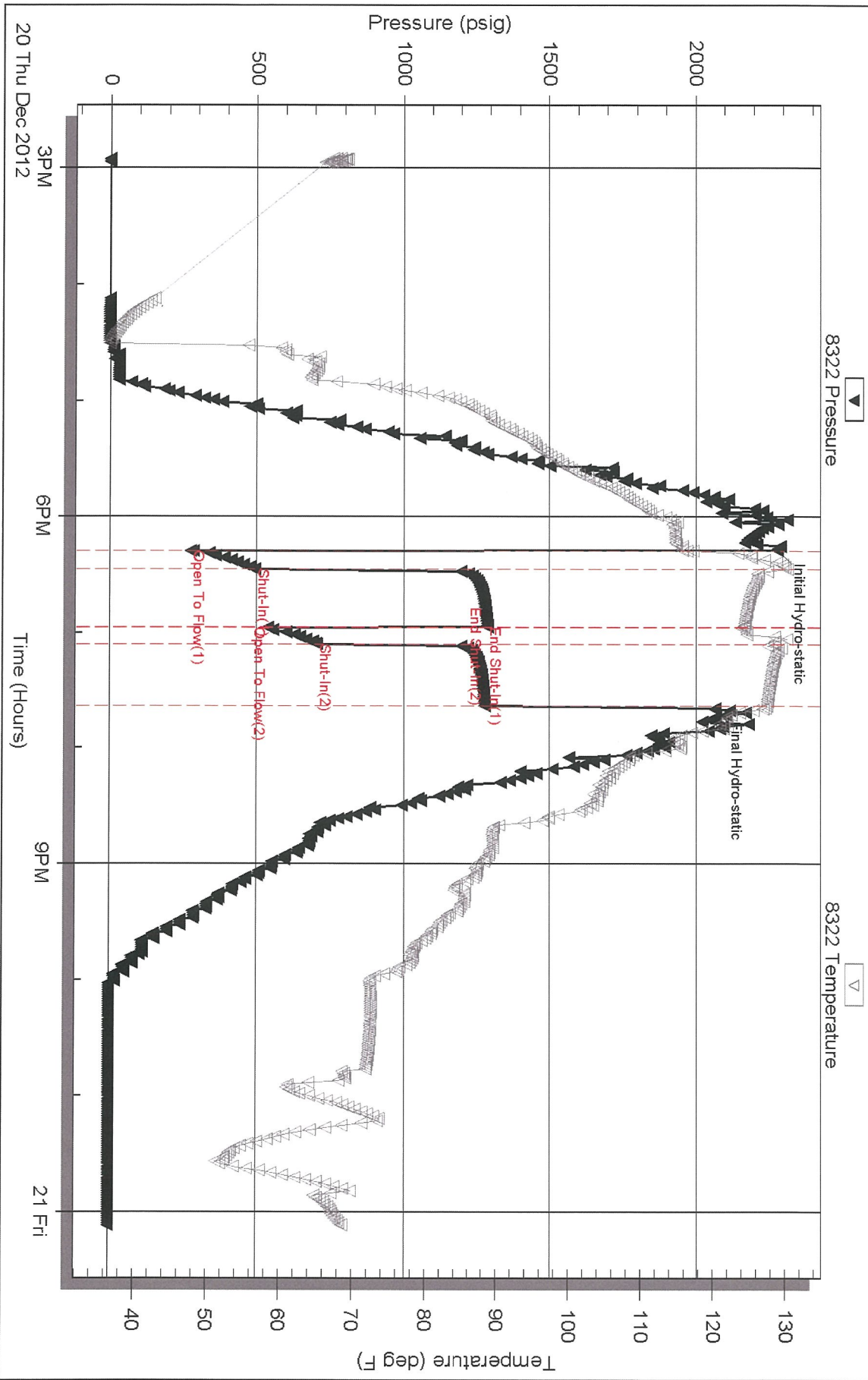
Inside

Palomino Petroleum Inc.

H2 Unit # 1

DST Test Number: 2

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 51569

Printed: 2012.12.21 @ 06:35:14