

**ORIGINAL**

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
October 2008  
Form Must Be Typed

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

OPERATOR: License # 30742  
Name: Palomino Petroleum, Inc.  
Address 1: 4924 SE 84th St.  
Address 2: \_\_\_\_\_  
City: Newton State: KS Zip: 67114 + 8 8 2 7  
Contact Person: Klee R. Watchous  
Phone: ( 316 ) 799-1000  
CONTRACTOR: License # 5184  
Name: Shields Drilling Company, Inc.  
Wellsite Geologist: Robert A. Schreiber  
Purchaser: None

Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  
 Gas  ENHR  SIGW  
 CM (Coal Bed Methane)  Temp. Abd.  
 Dry  Other \_\_\_\_\_  
(Core, WSW, Expl., Cathodic, 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  
 Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
 Commingled Docket No.: \_\_\_\_\_  
 Dual Completion Docket No.: \_\_\_\_\_  
 Other (SWD or Enhr.?) Docket No.: \_\_\_\_\_  
6/16/09 6/26/09 6/26/09  
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 15-135-24920-0000  
Spot Description: \_\_\_\_\_  
S/2 N/2 SW SE Sec. 3 Twp. 17S S. R. 26  East  West  
790 Feet from  North /  South Line of Section  
1980 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Ness  
Lease Name: Ardith Well #: 1  
Field Name: Utica Ext.  
Producing Formation: None  
Elevation: Ground: 2585 Kelly Bushing: 2590  
Total Depth: 4642 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at: 222 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 P+R AH-II NR  
(Data must be collected from the Reserve Pit) 10-9-09  
Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls  
Dewatering method used: \_\_\_\_\_  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: Klee R. Watchous  
Title: President Date: September 21, 2009

Subscribed and sworn to before me this 21st day of September,  
20 09.

Notary Public: Carla R. Penwell  
Date Commission Expires: October 2009  
NOTARY PUBLIC - State of Kansas  
CARLA R. PENWELL  
My Appt. Expires 10-1-09

**KCC Office Use ONLY**  
 Letter of Confidentiality Received  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

Operator Name: Palomino Petroleum, Inc. Lease Name: Ardith Well #: 1  
 Sec. 3 Twp. 17S S. R. 26  East  West County: Ness

**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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken  Yes  No  
 (Attach Additional Sheets)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
 (Submit Copy)

List All E. Logs Run:

Radiation Guard

Log Formation (Top), Depth and Datum  Sample

Name	Top	Datum
Anhy.	1977	(+ 613)
Base Anhy.	2006	(+ 584)
Topeka	3604	(-1014)
Heebner	3864	(-1274)
Toronto	3882	(-1292)
LKC	3903	(-1313)
BKC	4212	(-1622)

CASING RECORD <input checked="" 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
Surface	12 1/4"	8 5/8"	24#	222'	Common	150	2% gel, 3% c.c.

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

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

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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

DISPOSITION OF GAS:	METHOD OF COMPLETION:	PRODUCTION INTERVAL:
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	<input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	_____ _____

**LOGS**

Marmaton	4263	(-1673)
Pawnee	4342	(-1752)
Ft. Scott	4414	(-1824)
Cherokee Sh.	4438	(-1848)
Miss.	4506	(-1916)
LTD	4642	(-2052)

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JUL 06 2009

# INVOICE

24 S. Lincoln Street  
 P.O. Box 31  
 Russell, KS 67665-2906

Voice: (785) 483-3887  
 Fax: (785) 483-5566

Invoice Number: 119183

Invoice Date: Jun 26, 2009

Page: 1

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**Bill To:**

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

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Palo	Ardith #1	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-03	Oakley	Jun 26, 2009	7/26/09

Quantity	Item	Description	Unit Price	Amount
180.00	MAT	Class A Common	13.65	2,457.00
120.00	MAT	Pozmix	7.60	912.00
10.00	MAT	Gel	20.40	204.00
75.00	MAT	Flo Seal	2.45	183.75
313.00	SER	Handling	2.10	657.30
25.00	SER	Mileage 313 sx @ 10 per sk per mi	31.30	782.50
1.00	SER	Plug to Abandon	1,000.00	1,000.00
25.00	SER	Pump Truck Mileage	7.00	175.00
1.00	EQP	Dry Hole Plug	39.00	39.00

Subtotal	6,410.55
Sales Tax	339.76
Total Invoice Amount	6,750.31
Payment/Credit Applied	
<b>TOTAL</b>	<b>6,750.31</b>

ALL PRICES ARE NET, PAYABLE  
 30 DAYS FOLLOWING DATE OF  
 INVOICE. 1 1/2% CHARGED  
 THEREAFTER. IF ACCOUNT IS  
 CURRENT, TAKE DISCOUNT OF

\$ 1602.64

ONLY IF PAID ON OR BEFORE

Jul 26, 2009

# ALLIED CEMENTING CO., LLC. 044083

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:  
*Ogkley Ks*

DATE <i>6/26/09</i>	SEC <i>3</i>	TWP. <i>17</i>	RANGE <i>26</i>	CALLED OUT	ON LOCATION <i>4:30pm</i>	JOB START <i>9:30pm</i>	JOB FINISH <i>10:30pm</i>
Ardis LEASE	WELL # <i>#1</i>	LOCATION <i>Letica 1w 2 1/2 S Ecs into</i>			COUNTY <i>Neos</i>	STATE <i>Ks</i>	
OLD OR NEW (Circle one)							

CONTRACTOR *Schields Drilling Co*  
 TYPE OF JOB *PTH*  
 HOLE SIZE *7 7/8* T.D.  
 CASING SIZE *8 5/8* DEPTH *222'*  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL DEPTH  
 PRES: MAX MINIMUM  
 MEAS. LINE SHOE JOINT  
 CEMENT LEFT IN CSG.  
 PERFS.  
 DISPLACEMENT

OWNER *Same*  
 CEMENT  
 AMOUNT ORDERED *300 SKs 60/40*  
*400 gel 1/4 lb Flo Seal*  
 COMMON *180 SKs* @ *13 65* *2457 00*  
 POZMIX *120 SKs* @ *7 60* *912 00*  
 GEL *10 SKs* @ *20 40* *204 00*  
 CHLORIDE @  
 ASC @

EQUIPMENT

PUMP TRUCK CEMENTER *Alan*  
 # *422* HELPER *Wayne*  
 BULK TRUCK  
 # *394* DRIVER *Kelly*  
 BULK TRUCK  
 # DRIVER

*Flo Seal 75 lb* @ *2 45* *183 75*  
 RECEIVED *3 SKs* @  
 SEP 22 2009 @  
 KCC WICHITA @  
 HANDLING *3 13* @ *2 10* *657 30*  
 MILEAGE *10 4 SK/mile* @ *7 82 50*  
 TOTAL *5196 55*

REMARKS:  
*50 @ 2000'*  
*80 @ 1280'*  
*50 @ 660'*  
*50 @ 280'*  
*20 @ 60 w/ Plug*  
*30 @ Rat Hole*  
*20 @ Mouse Hole*

SERVICE

DEPTH OF JOB *2000'*  
 PUMP TRUCK CHARGE *1000 00*  
 EXTRA FOOTAGE @  
 MILEAGE *25* @ *7 00* *175 00*  
 MANIFOLD @  
 @  
 @

CHARGE TO: *Palomina*  
 STREET  
 CITY STATE ZIP

TOTAL *1175 00*

PLUG & FLOAT EQUIPMENT

*8 5/8 Dry Hole Plug* @ *39 00*  
 @  
 @  
 @  
 @  
 TOTAL *39 00*

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

SALES TAX (If Any)  
 TOTAL CHARGES  
 DISCOUNT IF PAID IN 30 DAYS

PRINTED NAME *Kelly*  
 SIGNATURE



24 S. Lincoln Street  
P.O. Box 31  
Russell, KS 67665-2906

Voice: (785) 483-3887  
Fax: (785) 483-5566

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JUN 24 2009

SEP 22 2009

KCC WICHITA

# INVOICE

Invoice Number: 119139

Invoice Date: Jun 17, 2009

Page: 1

**Bill To:**

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

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Palo	Ardith #1	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Russell	Jun 17, 2009	7/17/09

Quantity	Item	Description	Unit Price	Amount
165.00	MAT	Class A Common	13.50	2,227.50
4.00	MAT	Gel	20.25	81.00
6.00	MAT	Chloride	51.50	309.00
175.00	SER	Handling	2.25	393.75
25.00	SER	Mileage 175 sx @ .10 per sk per mi	17.50	437.50
1.00	SER	Surface	991.00	991.00
25.00	SER	Pump Truck Charge	7.00	175.00
1.00	EQP	Wooden Plug	66.00	66.00

ALL PRICES ARE NET, PAYABLE  
30 DAYS FOLLOWING DATE OF  
INVOICE. 1 1/2% CHARGED  
THEREAFTER. IF ACCOUNT IS  
CURRENT, TAKE DISCOUNT OF

\$ 1170.15

ONLY IF PAID ON OR BEFORE

Jul 17, 2009

Subtotal	4,680.75
Sales Tax	142.23
Total Invoice Amount	4,822.98
Payment/Credit Applied	
<b>TOTAL</b>	<b>4,822.98</b>

# ALLIED CEMENTING CO., LLC. 038430

Federal Tax I.D.#

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT: 2

DATE <u>6-17-09</u>	SEC. <u>3</u>	TWP. <u>17</u>	RANGE <u>26</u>	CALLED OUT	ON LOCATION	JOB START <u>9:00 A.M.</u>	JOB FINISH <u>9:30 A.M.</u>
LEASE <u>ADDITION</u>	WELL # <u>1</u>	LOCATION <u>LTICA 1W TO 2DC</u>			COUNTY <u>NESS</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)		<u>2 1/2" S E.T.</u>					

CONTRACTOR: SHEEDS  
 TYPE OF JOB Surface  
 HOLE SIZE 12 1/4 T.D. 225  
 CASING SIZE 8 5/8 DEPTH 222  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL DEPTH  
 PRES. MAX MINIMUM  
 MEAS. LINE SHOE JOINT  
 CEMENT LEFT IN CSG. 10-15'  
 PERFS.  
 DISPLACEMENT 13.6 332

OWNER  
 CEMENT  
 AMOUNT ORDERED 165 Com 3% CC  
29 GEL  
 COMMON 165 @ 13.50 2227.50  
 POZMIX @  
 GEL 4 @ 20.25 81.00  
 CHLORIDE 6 @ 51.50 309.00  
 ASC @

EQUIPMENT

PUMP TRUCK : CEMENTER MARK  
 # 409 HELPER CRATE  
 BULK TRUCK  
 # 378 DRIVER CHRIS H.  
 BULK TRUCK  
 # DRIVER

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 HANDLING 175 SK @ 2.25 393.75  
 MILEAGE .10/SK/mile 437.50  
 TOTAL 3,448.75

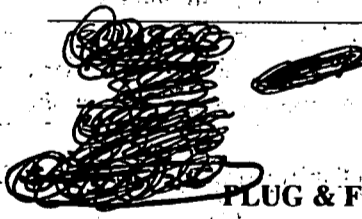
REMARKS:

Surface Job  
Cement Circulated!  
THANKS.

SERVICE

DEPTH OF JOB  
 PUMP TRUCK CHARGE 991.00  
 EXTRA FOOTAGE @  
 MILEAGE 25 @ 7.00 175.00  
 MANIFOLD @

CHARGE TO: SALAMIS PETROLEUM  
 STREET  
 CITY STATE ZIP



TOTAL 1166.00

PLUG & FLOAT EQUIPMENT

8 5/8  
WOOD ALG @ 66.00  
 @  
 @  
 @  
 @  
 TOTAL 66.00

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

SALES TAX (If Any)  
 TOTAL CHARGES  
 DISCOUNT IF PAID IN 30 DAYS

PRINTED NAME Thomas Engel

SIGNATURE Thomas Engel

Company **Palomino Petroleum, Inc.**  
 Address **4924 SE 84th St.**  
 CSZ **Newton, KS 67114**  
 Attn. **Bob Schreiber**

Comments **Legal Description: 790' FSL & 1980' FEL**

Lease Name **Ardith**  
 Lease # **1**  
 Legal Desc **See Comments**  
 Section **3**  
 Township **17S**  
 County **Ness**  
 Drilling Cont **Sheilds Drilling Co. Rig #1**

Job Ticket **2078**  
 Range **26W**  
 State **KS**

**GENERAL INFORMATION**

Test # 1  
 Tester **Tim Venters**  
 Test Type **Conventional Bottom Hole Successful Test**  
 # of Packers **2.0** Packer Size **6 3/4**  
 Mud Type **Gel Chem**  
 Mud Weight **9.0** Viscosity **53.0**  
 Filtrate **7.6** Chlorides **1500**

Chokes **3/4** Hole Size **7 7/8**  
 Top Recorder # **W1119**  
 Mid Recorder #  
 Bott Recorder # **13565**  
 Mileage **192** Approved By  
 Standby Time **0**  
 Extra Equipmnt **Jars & Safety joint**  
 Time on Site **11:10 AM**  
 Tool Picked Up **12:10 PM**  
 Tool Layed Dwn **5:50 PM**  
 Elevation **2585.00** Kelley Bushings **2590.00**

Drill Collar Len **0**  
 Wght Pipe Len **392.0**  
 Formation **Toronto**  
 Interval Top **3857.0** Bottom **3938.0**  
 Anchor Len Below **81.0** Between **0**  
 Total Depth **3938.0**

Start Date/Time **6/22/2009 11:36 AM**  
 End Date/Time **6/22/2009 6:13 PM**

Blow Type **Weak surface blow at the start of the initial flow period, building, reaching the bottom of the bucket in 16 1/2 minutes. Weak surface blow at the start of the final flow period, building, reaching the bottom of the bucket in 21 minutes. It never did blow water out of the bucket during niether flow periods. Times: 30, 30, 30, 30.**

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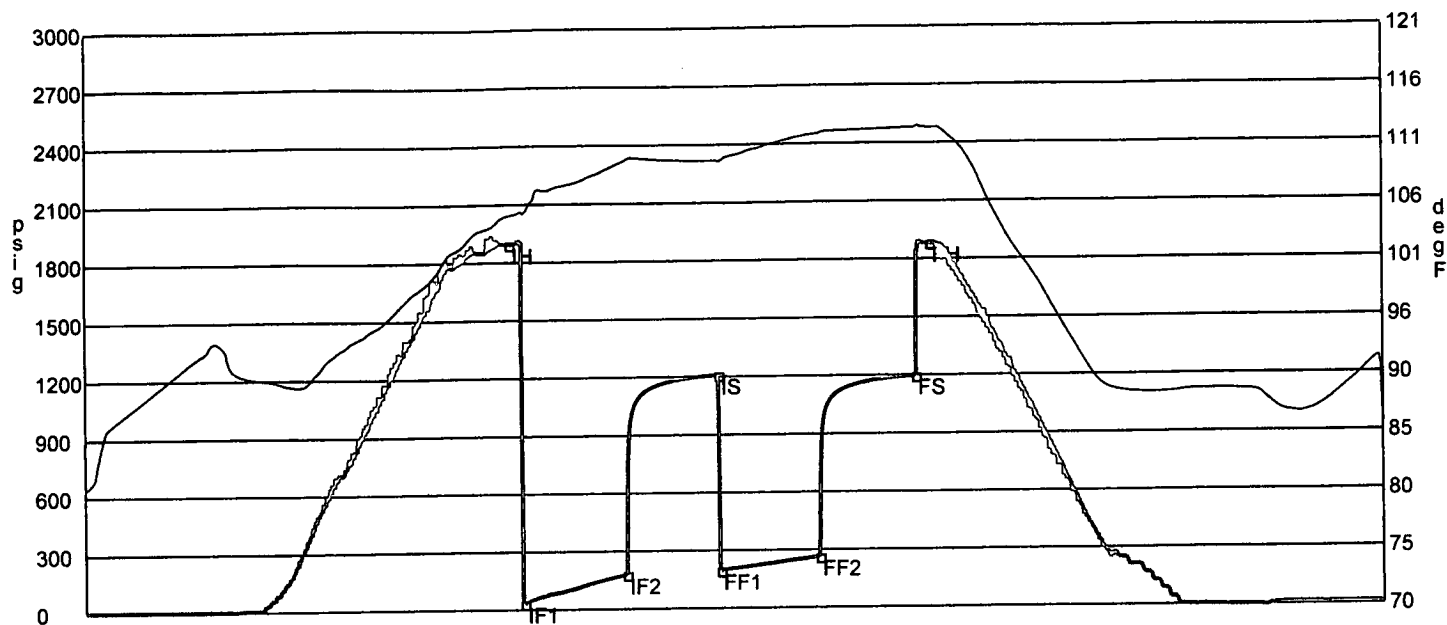
**RECOVERY**

Feet	Description	Gas	Oil	Water	Mud
50	Mud	0% 0ft	0% 0ft	0% 0ft	100% 50ft
120	Very heavy mud cut water	0% 0ft	0% 0ft	52% 62.4ft	48% 57.6ft
300	Mud cut water	0% 0ft	0% 0ft	77% 231ft	23% 69ft
60	Water cut mud	0% 0ft	0% 0ft	27% 16.2ft	73% 43.8ft

DST Fluids **66000**

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	Date	Time	Pressure	Temp	
IH	6/22/2009 1:44:45 PM	2.145833	1891.412	104.702	Initial Hydro-static
IF1	6/22/2009 1:49:00 PM	2.216667	31.935	104.858	Initial Flow (1)
IF2	6/22/2009 2:20:30 PM	2.741667	177.272	109.441	Initial Flow (2)
IS	6/22/2009 2:49:00 PM	3.216667	1207.174	109.401	Initial Shut-In
FF1	6/22/2009 2:49:30 PM	3.225	194.072	109.306	Final Flow (1)
FF2	6/22/2009 3:20:00 PM	3.733333	262.005	111.669	Final Flow (2)
FS	6/22/2009 3:49:45 PM	4.229167	1196.119	112.15	Final Shut-In
FH	6/22/2009 3:54:15 PM	4.304167	1878.527	112.155	Final Hydro-static

**GAS FLOWS**

Min Into IFP    Min Into FFP    Gas Flows    Pressure    Choke

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Company	Palomino Petroleum, Inc.	Lease Name	Ardith	
Address	4924 SE 84th St.	Lease #	1	
City/State/Zip	Newton, KS 67114	Legal Desc	See Comments	Job Ticket 2078
Attn.	Bob Schreiber	Section	3	Range 26W
		Township	17S	
		County	Ness	State KS
		Drilling Cont	Sheilds Drilling Co. Rig #1	
Comments	Legal Description: 790' FSL & 1980' FEL			

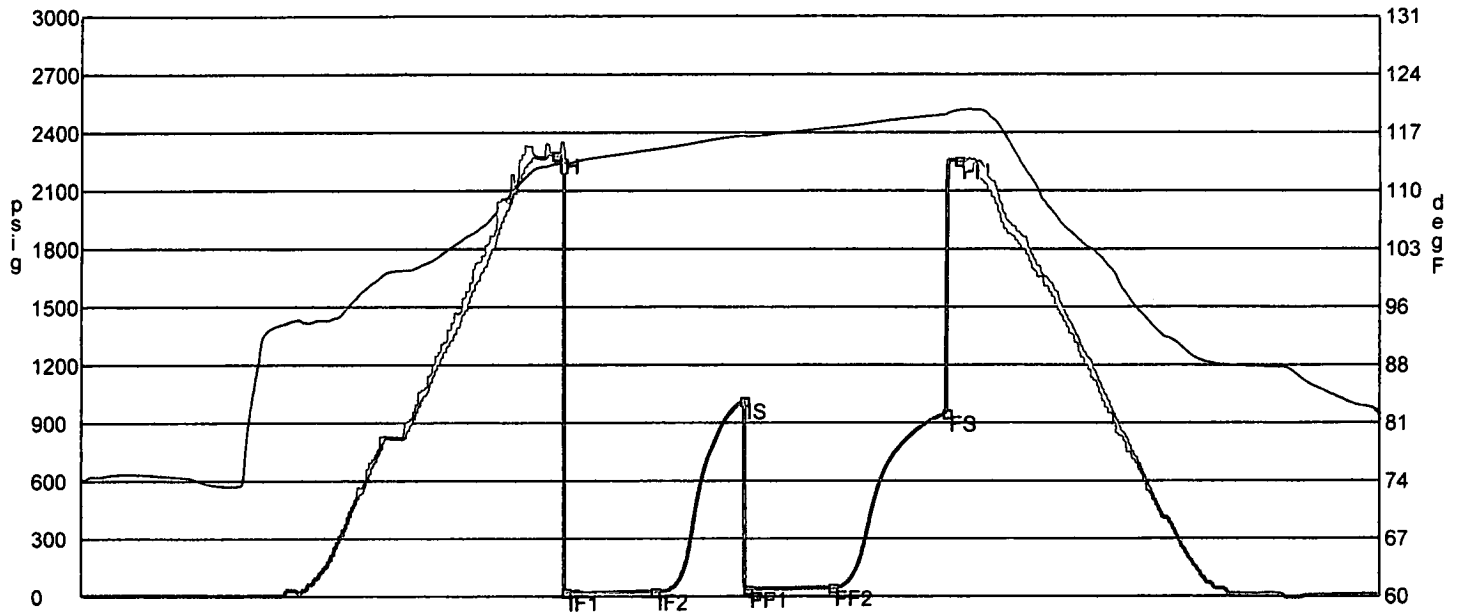
GENERAL INFORMATION

Test # 2	Test Date 6/25/2009	Chokes 3/4	Hole Size 7 7/8
Tester Tim Venters		Top Recorder # W1119	
Test Type Conventional Bottom Hole		Mid Recorder #	
Successful Test		Bott Recorder # 13565	
No. of Packers 2.0	Packer Size 6 3/4	Mileage 66	Approved By
Mud Type Gel Chem		Standby Time 26	
Mud Weight 9.3	Viscosity 50.0	Extra Equipmnt Jars & Safety joint	
Filtrate 8.8	Chlorides 2000	Time on Site 1:30 AM	
Drill Collar Len 0		Tool Picked Up 3:00 AM	
Weight Pipe Len 392.0		Tool Layed Dwn 9:15 AM	
Formation Mississippian		Elevation 2585.00	Kelley Bushings 2590.00
Interval Top 4516.0	Bottom 4564.0	Start Date/Time 6/25/2009 2:19 AM	
Anchor Len Below 48.0	Between 0	End Date/Time 6/25/2009 9:37 AM	
Total Depth 4564.0			
Blow Type	Weak surface blow at the start of the initial flow period, building to 2 inches. Very weak surface blow at the start of the final flow period, building to 1 1/2 inches. Times: 30, 30, 30, 39.		

RECOVERY

Feet	Description	Gas	Oil	Water	Mud
10	Mud cut oil	0% 0ft	67% 6.7ft	0% 0ft	33% 3.3ft
30	Slight gas, oil cut mud	7% 4.2ft	30% 18ft	0% 0ft	63% 37.8ft
DST Fluids 0					

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	Date	Time	Pressure	Temp	
IH	6/25/2009 4:57:45 AM	2.645833	2286.889	112.993	Initial Hydro-static
IF1	6/25/2009 5:01:15 AM	2.704167	26.854	113.057	Initial Flow (1)
IF2	6/25/2009 5:31:30 AM	3.208333	29.872	114.812	Initial Flow (2)
IS	6/25/2009 6:01:45 AM	3.7125	1018.325	116.477	Initial Shut-In
FF1	6/25/2009 6:03:00 AM	3.733333	41.803	116.361	Final Flow (1)
FF2	6/25/2009 6:31:45 AM	4.2125	50.075	117.417	Final Flow (2)
FS	6/25/2009 7:10:30 AM	4.858333	953.131	119.015	Final Shut-In
FH	6/25/2009 7:14:30 AM	4.925	2257.52	119.532	Final Hydro-static

**GAS FLOWS**

Min Into IFP    Min Into FFP    Gas Flows    Pressure    Choke

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Company **Palomino Petroleum, Inc.**  
 Address **4924 SE 84th St.**  
**Newton, KS 67114**  
**Bob Schreiber**

Lease Name **Ardith**  
 Lease # **1**  
 Legal Desc **See Comments** Job Ticket **2078**  
 Section **3** Range **26W**  
 Township **17S**  
 County **Ness** State **KS**  
 Drilling Cont **Sheilds Drilling Co. Rig #1**

Comments **Legal Description: 790' FSL & 1980' FEL**

**GENERAL INFORMATION**

Well # **3** Test Date **6/26/2009**

Operator **Tim Venters**  
 Well Type **Conventional Bottom Hole**  
**Successful Test**

Packers **2.0** Packer Size **6 3/4**

Type **Gel Chem**  
 Weight **9.4** Viscosity **52.0**  
 Rate **9.2** Chlorides **2000**

Collar Len **0**  
 Bit Pipe Len **392.0**

Formation **Mississippian**  
 Eval Top **4566.0** Bottom **4578.0**  
 Hor Len Below **12.0** Between **0**  
 Well Depth **4578.0**

Well Type **Very weak surface blow at the start of the initial flow period, building to 2 inches. Very weak surface blow at the start of the final flow period, building to 1 1/4 inches. Times: 30, 30, 30, 30.**

Chokes **3/4** Hole Size **7 7/8**

Top Recorder # **W1119**  
 Mid Recorder #  
 Bott Recorder # **13565**

Mileage **66** Approved By  
 Standby Time **5**  
 Extra Equipmnt  
 Time on Site **6:00 PM**  
 Tool Picked Up **7:05 PM**  
 Tool Layed Dwn **1:10 AM**

Elevation **2585.00** Kelley Bushings **2590.00**

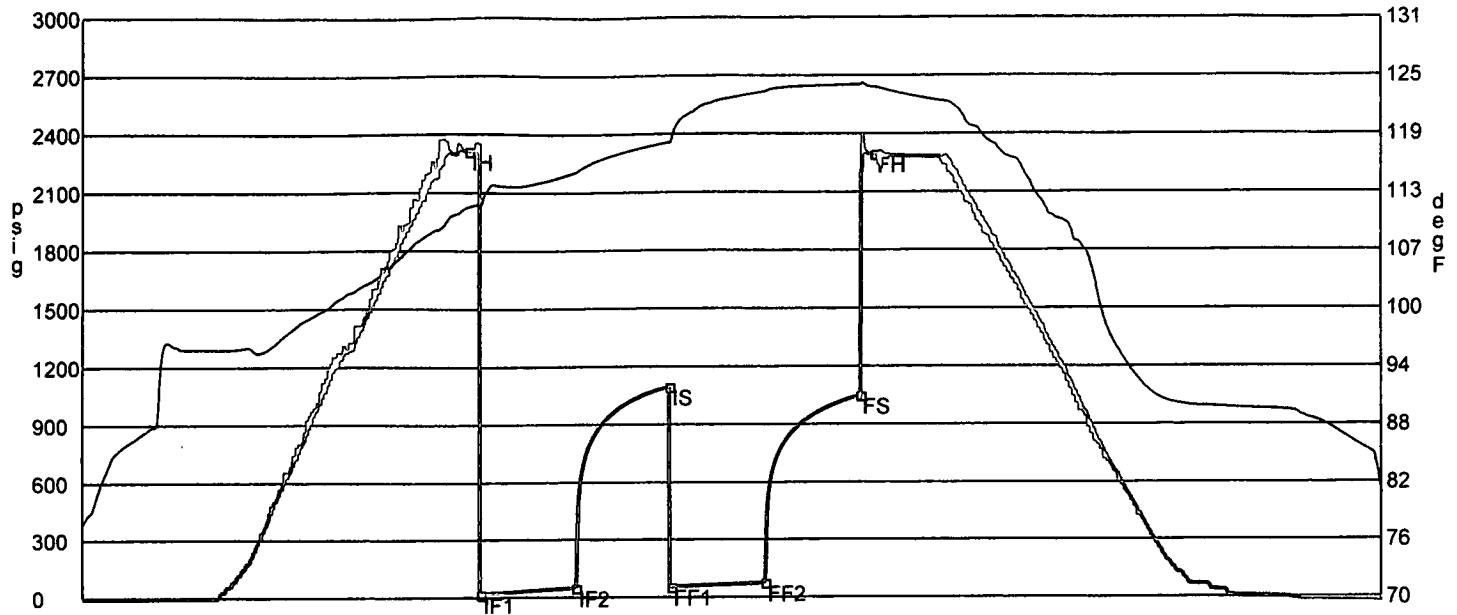
Start Date/Time **6/25/2009 6:43 PM**  
 End Date/Time **6/26/2009 1:31 AM**

**COVERY**

Description	Gas	Oil	Water	Mud
Mud and water	0% 0ft	0% 0ft	50% 2.5ft	50% 2.5ft
Heavy mud cut water	0% 0ft	0% 0ft	63% 72.4ft	37% 42.6ft
Mud	0% 0ft	0% 0ft	0% 0ft	100% 5ft

Fluids **24000**

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	Date	Time	Pressure	Temp	
IH	6/25/2009 8:42:45 PM	1.995833	2315.301	111.238	Initial Hydro-static
IF1	6/25/2009 8:46:30 PM	2.058333	19.104	111.343	Initial Flow (1)
IF2	6/25/2009 9:16:45 PM	2.5625	51.442	114.879	Initial Flow (2)
IS	6/25/2009 9:46:15 PM	3.054167	1098.434	117.945	Initial Shut-In
FF1	6/25/2009 9:46:45 PM	3.0625	56.102	117.909	Final Flow (1)
FF2	6/25/2009 10:16:30 PM	3.558333	76.706	123.263	Final Flow (2)
FS	6/25/2009 10:46:30 PM	4.058333	1051.716	123.975	Final Shut-In
FH	6/25/2009 10:51:00 PM	4.133333	2297.63	123.732	Final Hydro-static

GAS FLOWS

Min Into IFP    Min Into FFP    Gas Flows    Pressure    Choke

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