

ORIGINAL

Form ACO-1
June 2009

Form Must Be Typed
Form must be Signed
All blanks must be Filled

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
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 # 5123
Name: Pickrell Drilling Company, Inc.
Wellsite Geologist: Nicholas P. Gerstner
Purchaser: None

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil WSW SWD SLOW
 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 #: _____

5/9/11 5/21/11 5/21/11
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 195-22710 • 00 • 00
Spot Description: _____
NE SE SE SE Sec. 36 Twp. 15 S. R. 25 East West
429 Feet from North / South Line of Section
103 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Trego
Lease Name: MAT Farms-Kraus Well #: 1
Field Name: None (Wildcat)
Producing Formation: None
Elevation: Ground: 2545 Kelly Bushing: 2550
Total Depth: 4719 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 231 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 #: _____

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.

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.
Signature: Klee R. Watchous
Title: President Date: 7/27/11

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: PLA Dig Date: 8/10/11

Operator Name: Palomino Petroleum, Inc. Lease Name: MAT Farms-Kraus Well #: 1
 Sec. 36 Twp. 15 S. R. 25 East West County: Trego

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Radiation Guard, Sonic	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Anhy.</td> <td>1954</td> <td>(+ 596)</td> </tr> <tr> <td>Base Anhy.</td> <td>1990</td> <td>(+ 560)</td> </tr> <tr> <td>Topeka</td> <td>3614</td> <td>(-1064)</td> </tr> <tr> <td>Heebner</td> <td>3872</td> <td>(-1322)</td> </tr> <tr> <td>Lansing</td> <td>3910</td> <td>(-1360)</td> </tr> <tr> <td>BKC</td> <td>4210</td> <td>(-1660)</td> </tr> <tr> <td>Marmaton</td> <td>4250</td> <td>(-1700)</td> </tr> </table>	Name	Top	Datum	Anhy.	1954	(+ 596)	Base Anhy.	1990	(+ 560)	Topeka	3614	(-1064)	Heebner	3872	(-1322)	Lansing	3910	(-1360)	BKC	4210	(-1660)	Marmaton	4250	(-1700)
Name	Top	Datum																							
Anhy.	1954	(+ 596)																							
Base Anhy.	1990	(+ 560)																							
Topeka	3614	(-1064)																							
Heebner	3872	(-1322)																							
Lansing	3910	(-1360)																							
BKC	4210	(-1660)																							
Marmaton	4250	(-1700)																							

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"	20#	231'	Class A	160	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 <i>(Amount and Kind of Material Used)</i>	Depth

KANSAS CORPORATION COMMISSION
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TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

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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LOGS

Pawnee	4330	(-1780)
Ft. Scott	4414	(-1864)
Cherokee	4439	(-1889)
Miss.	4513	(-1963)
Gilmore City	4672	(-2122)
LTD	4719	(-2169)

KANSAS CORPORATION COMMISSION

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PO BOX 31 Russell, KS 67665

RECEIVED

JUN 11 2011

INVOICE

Invoice Number: 127336

Invoice Date: May 22, 2011

Page: 1

Voice: (785) 483-3887

Fax: (785) 483-5566

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

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Palo	MAT Farms Kraus #1	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-03	Great Bend	May 22, 2011	6/21/11

Quantity	Item	Description	Unit Price	Amount
123.00	MAT	Class A Common	16.25	1,998.75
82.00	MAT	Pozmix	8.50	697.00
7.00	MAT	Gel	21.25	148.75
51.00	MAT	Flo Seal	2.70	137.70
214.00	SER	Handling	2.25	481.50
80.00	SER	Mileage 214 sx @ .11 per sk per mi	23.54	1,883.20
1.00	SER	Plug	1,250.00	1,250.00
160.00	SER	Pump truck Mileage	7.00	1,120.00
160.00	SER	Light Vehicle Mileage	4.00	640.00
1.00	CEMENTER	David West		
1.00	EQUIP OPER	Bobby Roller		
1.00	OPER ASSIST	Kevin Weighous		
1.00	OPER ASSIST	Larry Shaver		

KANSAS CORPORATION COMMISSION

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

\$ 16,913.38

ONLY IF PAID ON OR BEFORE

Jun 16, 2011

Subtotal	8,356.90
Sales Tax	568.27
Total Invoice Amount	8,925.17
Payment/Credit Applied	
TOTAL	8,925.17

ALLIED CEMENTING CO., LLC. 037203

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

SERVICE POINT:
Great Bend KS

DATE <u>5-22-2011</u>	SEC. <u>36</u>	TWP. <u>15S</u>	RANGE <u>25E</u>	CALLED OUT	ON LOCATION	JOB START <u>1:30 AM</u>	JOB FINISH <u>2:30 AM</u>
Mat Farms LEASE <u>K. MAUS</u>	WELL # <u>#1</u>	LOCATION <u>Arnold KS, 4N 1/4</u>		COUNTY <u>Wago</u>	STATE <u>KS</u>		
OLD OR NEW (Circle one) <u>NEW</u>		<u>E, N. 20</u>					

CONTRACTOR Pickrell #10 OWNER Palomino Petroleum

TYPE OF JOB plug
 HOLE SIZE 2 7/8 T.D. 1960 FT
 CASING SIZE _____ DEPTH _____
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE 4 1/2 DEPTH 1960 FT
 TOOL _____ DEPTH _____
 PRES. MAX 250 PSI MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____

CEMENT
 AMOUNT ORDERED 2055x 60:40:4
90 Gcl + 1/4 # Flo-seal

PERFS. _____
 DISPLACEMENT Freshwater & Mud
 EQUIPMENT _____

COMMON	<u>123</u>	@ <u>16.25</u>	<u>1,998.75</u>
POZMIX	<u>82</u>	@ <u>8.50</u>	<u>697.00</u>
GEL	<u>7</u>	@ <u>21.25</u>	<u>148.75</u>
CHLORIDE		@	
ASC		@	
<u>Flo seal</u>	<u>51</u>	@ <u>2.70</u>	<u>137.70</u>
KANSAS CORPORATION COMMISSION			

PUMP TRUCK CEMENTER David W.
 # 366 HELPER Bob R.
 BULK TRUCK
 # 344/170 DRIVER Kevin W. Lamy S.
 BULK TRUCK
 # _____ DRIVER _____

HANDLING	<u>214</u>	@ <u>2.25</u>	<u>481.50</u>
MILEAGE	<u>214 x 80 x .11</u>		<u>1,883.20</u>
			TOTAL <u>5,346.90</u>

REMARKS:

1st Plug at 1960 FT Mix 25% cement
2nd Plug at 970 FT Mix 100% cement
3rd Plug at 280 FT Mix 40% cement
4th Plug at 40 FT Mix 100% cement
305x in Rat Hole
Washup Rig Down.

SERVICE			
DEPTH OF JOB	<u>1960 FT</u>		
PUMP TRUCK CHARGE			<u>1,250.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>160</u>	@ <u>7.00</u>	<u>1,120.00</u>
MANIFOLD		@	
<u>light truck</u>	<u>160</u>	@ <u>4.00</u>	<u>640.00</u>
			TOTAL <u>3,010.00</u>

CHARGE TO: Palomino Petroleum
 STREET _____
 CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
TOTAL _____		

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.

PRINTED NAME x Mike Kern
 SIGNATURE x Mike Kern

SALES TAX (If Any) _____
 TOTAL CHARGES 3,010.00
 DISCOUNT _____ IF PAID IN 30 DAYS

Thank you!



PO BOX 31 Russell, KS 67665

RECEIVED

MAY 20 2011

INVOICE

Invoice Number: 127203

Invoice Date: May 12, 2011

Page: 1

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

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

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Palo	MAT Farms Kraus #1	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-01	Great Bend	May 12, 2011	6/11/11

Quantity	Item	Description	Unit Price	Amount
160.00	MAT	Class A Common	16.25	2,600.00
3.00	MAT	Gel	21.25	63.75
6.00	MAT	Chloride	58.20	349.20
169.00	SER	Handling	2.25	380.25
80.00	SER	Mileage 169 sx @ .11 per sk per mi	18.59	1,487.20
1.00	SER	Surface	1,125.00	1,125.00
160.00	SER	Pump truck Mileage	7.00	1,120.00
160.00	SER	Light Vehicle Mileage	4.00	640.00
1.00	CEMENTER	Bobby Roller		
1.00	OPER ASSIST	Trent Hall		
1.00	OPER ASSIST	Larry Shaver		

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

\$ 7,559.28

ONLY IF PAID ON OR BEFORE

Jun 6 2011

Subtotal	7,765.40
Sales Tax	204.88
Total Invoice Amount	7,970.28
Payment/Credit Applied	
TOTAL	7,970.28

ALLIED CEMENTING CO., LLC. 038745

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

SERVICE POINT:
Coast Bend KS

DATE <i>5-12-11</i>	SEC. <i>36</i>	TWP. <i>15</i>	RANGE <i>25</i>	CALLED OUT	ON LOCATION	JOB START <i>4:30 pm</i>	JOB FINISH <i>5:00 pm</i>
MATT FARMS LEASE <i>Krans</i>		WELL # <i>1</i>	LOCATION <i>Arnold & 4 north 1/4 East</i>		COUNTY <i>Trego</i>	STATE <i>KS</i>	
OLD OR NEW (Circle one) <input checked="" type="radio"/> OLD			<i>1/4 North West 1/4</i>				

CONTRACTOR *Peterson Rig #10*

TYPE OF JOB *Surface*

HOLE SIZE *12 1/4* T.D. *236*

CASING SIZE *8 5/8* DEPTH *234*

TUBING SIZE DEPTH

DRILL PIPE *4 1/2* DEPTH *236*

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. *15 ft*

PERFS.

DISPLACEMENT *Freshwater*

OWNER *Palomno Petroleum, Inc.*

CEMENT

AMOUNT ORDERED *160 sq class A 3% cc 2% gel*

EQUIPMENT

PUMP TRUCK CEMENTER *Bobby O.*

224 HELPER *Bobby O.*

BULK TRUCK

344-170 DRIVER *Tim H / Larry S.*

BULK TRUCK

DRIVER

COMMON	<i>160</i>	@	<i>16.25</i>	<i>2600.00</i>
POZMIX		@		
GEL	<i>3</i>	@	<i>21.25</i>	<i>63.75</i>
CHLORIDE	<i>6</i>	@	<i>58.20</i>	<i>349.20</i>
ASC		@		
KANSAS CORPORATION COMMISSION				
JUL 29 2011				
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HANDLING	<i>169</i>	@	<i>2.25</i>	<i>380.25</i>
MILEAGE	<i>169 x 80 x .11</i>			<i>1487.20</i>
TOTAL				<i>4887.30</i>

REMARKS:

Break circulation with rig mud

Run 6 bbl Freshwater ahead mix 160 sq class A

3% cc 2% gel at 24.8 bbls water

Start cement and circulate

Displace with 14.27 bbls water

Shut in

SERVICE

DEPTH OF JOB	<i>234</i>			
PUMP TRUCK CHARGE			<i>1125.00</i>	
EXTRA FOOTAGE		@		
MILEAGE	<i>160</i>	@	<i>7.00 1120.00</i>	
MANIFOLD		@		
<i>Light Touch</i>	<i>160</i>	@	<i>4.00 640.00</i>	
TOTAL				<i>2885.00</i>

CHARGE TO: *Palomno Petroleum, Inc.*

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

_____	@	_____	
_____	@	_____	
_____	@	_____	
_____	@	_____	
_____	@	_____	
_____	@	_____	
TOTAL			_____

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.

PRINTED NAME *Mike Kern*

SIGNATURE *Mike Kern*

Thank you

SALES TAX (If Any) _____

TOTAL CHARGES ~~_____~~

DISCOUNT ~~_____~~ IF PAID IN 30 DAYS

Company - **Palomino Petroleum, Inc.**
 Address **4924 SE 84th St.**
 CSZ **Newton, KS 67114**
 Attn. **Nick Gerstner**

Lease Name **MAT Farms-Kraus**
 Lease # **1**
 Legal Desc **NE-SE-SE-SE** Job Ticket **2151**
 Section **36** Range **25W**
 Township **15S**
 County **Trego** State **KS**
 Drilling Cont **Pickerell Drlg. Co. Inc Rig 10**

Comments

GENERAL INFORMATION

Test # **1** Test Date **5/20/2011**
 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 **9.5** Viscosity **56.0**
 Filtrate **7.2** Chlorides **3600**

Chokes **3/4** Hole Size **7 7/8**
 Top Recorder # **W1119**
 Mid Recorder # **W1022**
 Bott Recorder # **13310**

Mileage **168** Approved By
 Standby Time **0**
 Extra Equipmnt **Jars & Safety joint**
 Time on Site **7:40 PM**
 Tool Picked Up **10:00 PM**
 Tool Layed Dwn **4:35 AM**

Drill Collar Len **0**
 Wght Pipe Len **0**

Elevation **2545.00** Kelley Bushings **2550.00**

Formation **Ft. Scott-Mississippian**
 Interval Top **4393.0** Bottom **4532.0**
 Anchor Len Below **139.0** Between **0**
 Total Depth **4532.0**
 Blow Type **Weak 1/4" blow at start of initial flow period, building to 2". Very weak surface blow at start of final flow period, building to 1/2 ". Times: 30, 30, 30, 30.**

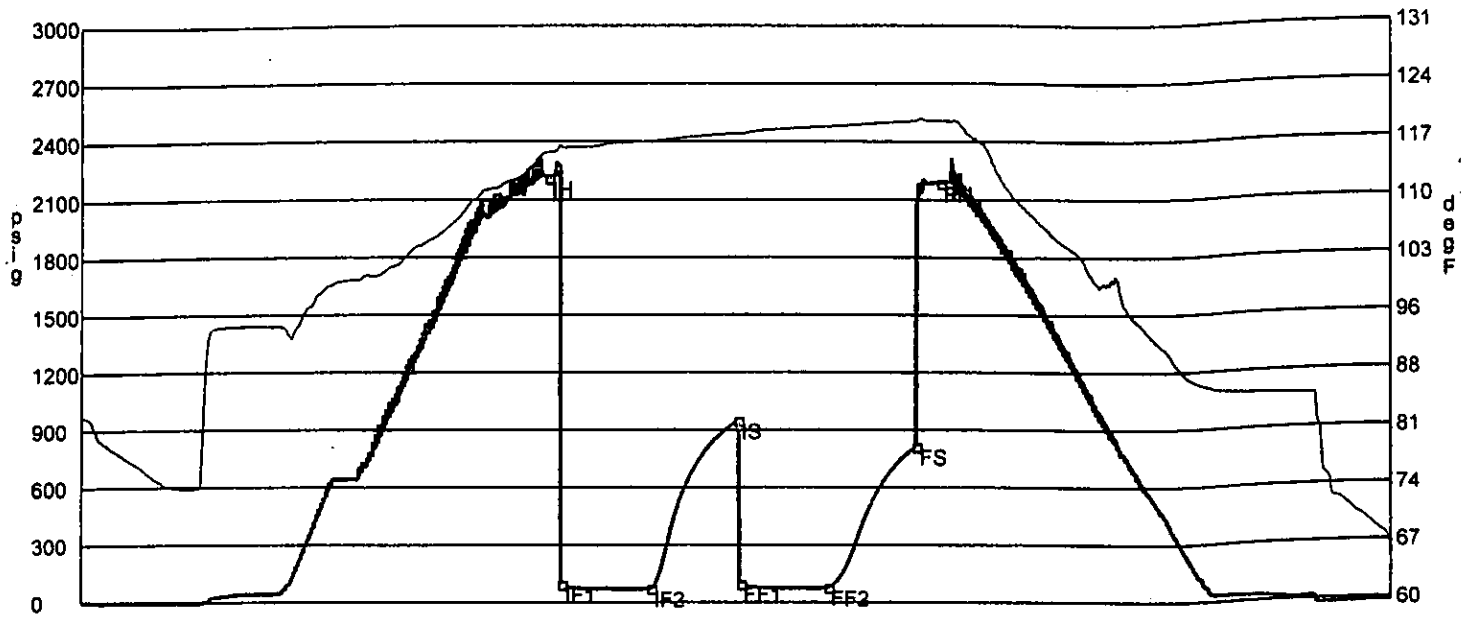
Start Date/Time **5/19/2011 9:22 PM**
 End Date/Time **5/20/2011 4:42 AM**

RECOVERY

Feet	Description	Gas	Oil	Water	Mud
35	Very slight oil cut mud	0% 0ft	7% 2.4ft	0% 0ft	93% 32.6ft
DST Fluids		0			

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	Date	Time	Pressure	Temp	
IH	5/19/2011 11:59:50 PM	2.630556	2212.042	115.522	Initial Hydro-static
IF1	5/20/2011 12:04:30 AM	2.708333	98.836	116.224	Initial Flow (1)
IF2	5/20/2011 12:34:50 AM	3.213889	74.597	116.879	Initial Flow (2)
IS	5/20/2011 1:04:20 AM	3.705556	950.37	117.856	Initial Shut-In
FF1	5/20/2011 1:05:10 AM	3.719444	101.588	117.765	Final Flow (1)
FF2	5/20/2011 1:34:50 AM	4.213889	79.6	118.719	Final Flow (2)
FS	5/20/2011 2:04:30 AM	4.708333	818.089	119.418	Final Shut-In
FH	5/20/2011 2:12:30 AM	4.841667	2188.99	119.403	Final Hydro-static

GAS FLOWS

Min Into IFP Min Into FFP Gas Flows Pressure Choke

KANSAS CORPORATION COMMISSION
 JUL 29 2011
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Company **Palomino Petroleum, Inc.**
 Address **4924 SE 84th St.**
 CSZ **Newton, KS 67114**
 Attn. **Nick Gerstner**

Lease Name **MAT Farms-Kraus**
 Lease # **1**
 Legal Desc **NE-SE-SE-SE** Job Ticket **2151**
 Section **36** Range **25W**
 Township **15S**
 County **Trego** State **KS**
 Drilling Cont **Pickerell Drlg. Co. Inc Rig 10**

Comments

GENERAL INFORMATION

Test # **2** Test Date **5/20/2011**
 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 **9.4** Viscosity **63.0**
 Filtrate **7.8** Chlorides **3800**
 Drill Collar Len **0**
 Wght Pipe Len **0**

Chokes **3/4** Hole Size **7 7/8**
 Top Recorder # **W1119**
 Mid Recorder # **W1022**
 Bott Recorder # **13310**
 Mileage **52** Approved By
 Standby Time **0**
 Extra Equipmnt **Jars & Safety joint**
 Time on Site **11:40 AM**
 Tool Picked Up **1:05 PM**
 Tool Layed Dwn **7:05 PM**
 Elevation **2545.00** Kelley Bushings **2550.00**

Formation **Mississippian**
 Interval Top **4532.0** Bottom **4550.0**
 Anchor Len Below **18.0** Between **0**
 Total Depth **4550.0**
 Blow Type **Weak 1/4" blow at start of initial flow period, building, reaching bottom of bucket in 16 1/2 min. Weak 1/4" blow at start of final flow period, building, reaching bottom of bucket in 21 1/2 min. It never did blow water out of bucket during either flow period. Times: 30, 30, 30, 31.**

Start Date/Time **5/20/2011 12:33 PM**
 End Date/Time **5/20/2011 7:06 PM**

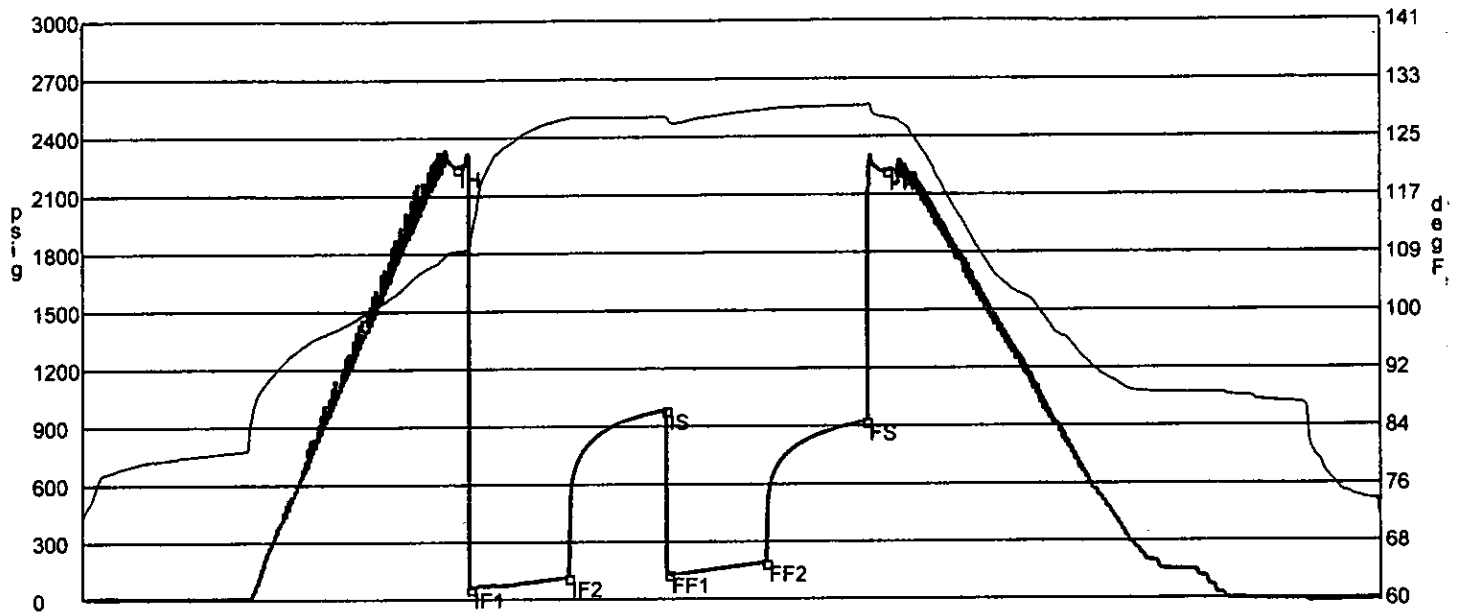
RECOVERY

Feet	Description	Gas	Oil	Water	Mud
20	Mud cut water with a trace of oil	0% 0ft	trace	75% 15ft	25% 5ft
65	Mud cut water	0% 0ft	0% 0ft	80% 52ft	20% 13ft
250	Very slight mud cut water	0% 0ft	0% 0ft	97% 242.5ft	3% 7.5ft
35	Mud cut water	0% 0ft	0% 0ft	63% 22ft	37% 13ft
30	Mud	0% 0ft	0% 0ft	0% 0ft	100% 30ft

DST Fluids **0**

KANSAS CORPORATION COMMISSION

**JUL 29 2011
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	Date	Time	Pressure	Temp	
IH	5/20/2011 2:25:50 PM	1.880556	2244.172	108.925	Initial Hydro-static
IF1	5/20/2011 2:29:50 PM	1.947222	54.998	109.435	Initial Flow (1)
IF2	5/20/2011 2:59:40 PM	2.444444	112.661	127.387	Initial Flow (2)
IS	5/20/2011 3:29:20 PM	2.938889	982.1	127.607	Initial Shut-In
FF1	5/20/2011 3:30:10 PM	2.952778	129.92	127.17	Final Flow (1)
FF2	5/20/2011 3:59:40 PM	3.444444	188.039	128.532	Final Flow (2)
FS	5/20/2011 4:30:10 PM	3.952778	922.557	129.127	Final Shut-In
FH	5/20/2011 4:36:20 PM	4.055556	2220.722	127.405	Final Hydro-static

GAS FLOWS

Min Into IFP Min Into FFP Gas Flows Pressure Choke

KANSAS CORPORATION COMMISSION

JUL 29 2011
RECEIVED