

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

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

Gas DH EOR

OG GSW

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 EOR Conv. to SWD

Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

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

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical 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

Confidentiality Requested

Date: _____

Confidential Release Date: _____

Wireline Log Received Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

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

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

| | |
|--|---|
| 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 Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: | <input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum |
|--|---|

| 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 |
| <input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone | | | | |
| | | | | |

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

| | | | | | |
|---|--|---------|-------------|---------------|---------|
| Date of first Production/Injection or Resumed Production/Injection: | Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____ | | | | |
| 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) (Submit ACO-4)</i> | PRODUCTION INTERVAL: Top Bottom |
|---|--|------------------------------------|

| Shots Per Foot | Perforation Top | Perforation Bottom | Bridge Plug Type | Bridge Plug Set At | Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i> |
|----------------|-----------------|--------------------|------------------|--------------------|---|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

| | | | | |
|----------------|-------|---------|------------|--|
| TUBING RECORD: | Size: | Set At: | Packer At: | |
|----------------|-------|---------|------------|--|



Remit To: Hurricane Services, Inc.
 250 N. Water, Suite 200
 Wichita, KS 67202
 316-303-9515

Customer:
 PALOMINO PETROLEUM INC
 4924 SE 84TH ST
 NEWTON, KS 67114-8827

Invoice Date: 9/27/2022
 Invoice #: 0363708
 Lease Name: Ehmke
 Well #: 1 (New)
 County: Lane, Ks
 Job Number: WP3433
 District: Oakley

| Date/Description | HRS/QTY | Rate | Total |
|--------------------------|---------|-----------|----------|
| Surface | 0.000 | 0.000 | 0.00 |
| H-325 | 225.000 | 22.500 | 5,062.50 |
| Light Eq Mileage | 75.000 | 2.000 | 150.00 |
| Heavy Eq Mileage | 150.000 | 4.000 | 600.00 |
| Ton Mileage | 795.000 | 1.500 | 1,192.50 |
| Depth Charge 0'-500' | 1.000 | 1,000.000 | 1,000.00 |
| Cement Blending & Mixing | 225.000 | 1.400 | 315.00 |
| Service Supervisor | 1.000 | 275.000 | 275.00 |

Total 8,595.00

TERMS: Net 30 days. Interest may be charged on past due invoice at rate of 1 ½% per month or maximum allowed by applicable state or federal laws. HSI has right to revoke any discounts applied in arriving at net invoice price if invoice is past due. If revoked, full invoice price without discount plus additional sales tax, as applicable, is due immediately and subject to interest charges. Customer agrees to pay all collection costs directly or indirectly incurred by HSI in the event HSI engages a third party to pursue collection of past due invoice.

SALES TAX: Services performed on oil, gas and water wells in Kansas are subject to sales tax, with certain exceptions. HSI relies on the well information provided by the customer in identifying whether the services performed on wells qualify for exemption.

WE APPRECIATE YOUR BUSINESS!

SWIFT



Services, Inc.

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



Invoice

| | |
|-----------|-----------|
| DATE | INVOICE # |
| 10/8/2022 | 35599 |

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

RECEIVED
OCT 13 2022
BY: _____

- Acidizing
- Cement
- Tool Rental

| TERMS | Well No. | Lease | County | Contractor | Well Type | Well Category | Job Purpose | Operator |
|-------------------------------------|---|-------------|--------|----------------|-----------|---------------|--------------------|-------------|
| Net 30 | #1 | Ehmke Trust | Lane | LD Drlg Rig #1 | Oil | Development | Cement Long Str... | Jonathan |
| PRICE REF. | DESCRIPTION | | | | QTY | UM | UNIT PRICE | AMOUNT |
| 575D | Mileage - 1 Way | | | | 40 | Miles | 7.00 | 280.00 |
| 578D-L | Pump Charge - Long String | | | | 1 | Job | 1,600.00 | 1,600.00 |
| 290 | D-Air | | | | 5 | Gallon(s) | 42.00 | 210.00T |
| 281 | Mud Flush | | | | 500 | Gallon(s) | 2.00 | 1,000.00T |
| 221 | Liquid KCL (Clayfix) | | | | 4 | Gallon(s) | 25.00 | 100.00T |
| 403-5 | 5 1/2" Cement Basket | | | | 1 | Each | 300.00 | 300.00T |
| 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 | 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 | 100.00 | 1,000.00T |
| 325 | Standard Cement | | | | 100 | Sacks | 15.00 | 1,500.00T |
| 284 | Calseal | | | | 9 | Sack(s) | 50.00 | 450.00T |
| 283 | Salt | | | | 550 | Lb(s) | 0.25 | 137.50T |
| 285 | CFR-1 | | | | 50 | Lb(s) | 6.00 | 300.00T |
| 276 | Flocele | | | | 50 | Lb(s) | 3.00 | 150.00T |
| 330 | Swift Multi-Derisity Standard (MIDCON II) | | | | 125 | Sacks | 19.50 | 2,437.50T |
| 581D | Service Charge Cement | | | | 225 | Sacks | 2.00 | 450.00 |
| 583D | Drayage | | | | 458.8 | Ton Miles | 1.00 | 458.80 |
| | Subtotal | | | | | | | 13,473.80 |
| | Sales Tax Lane County | | | | | | 7.50% | 801.38 |
| We Appreciate Your Business! | | | | | | | Total | \$14,275.18 |



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

TICKET **35599**

PAGE 1 OF 2

| | | | | | | | |
|-------------------------|--|----------------------------------|---------------------------------------|-----------------------|------------------------------|----------------------|-------------------|
| 1. <u>Hays, KS</u> | WELL/PROJECT NO. <u>#1</u> | LEASE <u>E.H.M.K.E Trust</u> | COUNTY/PARISH <u>Lane</u> | STATE <u>KS</u> | CITY | DATE <u>10/02/22</u> | OWNER <u>Same</u> |
| 2. <u>Ness City, KS</u> | TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES | CONTRACTOR <u>L.D. Drilling</u> | RIG NAME/NO. <u>Rig 1</u> | SHIPPED VIA <u>CT</u> | DELIVERED TO <u>Location</u> | ORDER NO. | |
| 3. | WELL TYPE <u>Oil</u> | WELL CATEGORY <u>Development</u> | JOB PURPOSE <u>Cement Long String</u> | WELL PERMIT NO. | WELL LOCATION | | |
| 4. | REFERRAL LOCATION | INVOICE INSTRUCTIONS | | | | | |

| PRICE REFERENCE | SECONDARY REFERENCE/ PART NUMBER | ACCOUNTING | | | DESCRIPTION | QTY. | | U/M | QTY. | U/M | UNIT PRICE | AMOUNT |
|-----------------|-------------------------------------|------------|------|----|---------------------------------------|------|-----|-----|------|-----|------------|---------|
| | | LOC | ACCT | DF | | | | | | | | |
| 575 | | 1 | | | MILEAGE #113 | 40 | mi | | | | 7.00 | 280.00 |
| 578 | | 1 | | | Pump Charge - Long String | 1 | EA | | | | 1600.00 | 1600.00 |
| 290 | | 1 | | | D-Air | 5 | gal | | | | 42.00 | 210.00 |
| 281 | | 1 | | | Mud Flush | 500 | gal | | | | 2.00 | 1000.00 |
| 221 | | 1 | | | Liquid KCL | 4 | gal | | | | 25.00 | 100.00 |
| 403 | | 1 | | | Cement Basket 5 1/2" | 1 | EA | | | | 300.00 | 300.00 |
| 404 | | 1 | | | Part Collar 5 1/2" | 1 | EA | | | | 2500.00 | 2500.00 |
| 406 | | 1 | | | Latch Down Plug & Baffle 5 1/2" | 1 | EA | | | | 250.00 | 250.00 |
| 407 | | 1 | | | Insert Float Shoe w/ Auto Fill 5 1/2" | 1 | EA | | | | 350.00 | 350.00 |
| 409 | | 1 | | | Turbolizer | 10 | EA | | | | 100.00 | 1000.00 |

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 [Signature]
 DATE SIGNED TIME SIGNED A.M. P.M.

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

| | | | | | |
|---|-------|-----------|----------|------------|-----------|
| SURVEY | AGREE | UNDECIDED | DISAGREE | Page 1 | 7590.00 |
| OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? | | | | PAGE TOTAL | |
| WE UNDERSTOOD AND MET YOUR NEEDS? | | | | Page 2 | 5883.00 |
| OUR SERVICE WAS PERFORMED WITHOUT DELAY? | | | | Sub Total | 13,473.00 |
| WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? | | | | TAX | 801.38 |
| ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO | | | | TOTAL | 14,275.18 |
| <input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND | | | | | |

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

WIFT OPERATOR [Signature] APPROVAL

Thank You!



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

TICKET CONTINUATION

TICKET No. 35599

CUSTOMER *Palamino Petroleum* WELL *EWMKE Trnst #2* DATE *10/08/22* PAGE *2* OF *2*

| PRICE REFERENCE | SECONDARY REFERENCE/ PART NUMBER | ACCOUNTING | | | TIME | DESCRIPTION | QTY | | U/M | | UNIT PRICE | AMOUNT | |
|-----------------|-------------------------------------|------------|------|----|------|------------------------------|----------------------------|------------------------|-------------------------|-----|------------|--------|----|
| | | LOC | ACCT | DF | | | QTY | U/M | QTY | U/M | | | |
| 325 | | 2 | | | | Standard Cement | 100 | SKS | | | 15.00 | 1500 | 00 |
| 284 | | 2 | | | | Calseal | 9 | SKS | | | 50.00 | 450 | 00 |
| 283 | | 2 | | | | Salt | 550 | lbs | | | 0.25 | 137 | 50 |
| 285 | | 2 | | | | CFR-1 | 50 | lbs | | | 6.00 | 300 | 00 |
| 276 | | 2 | | | | Flocele | 50 | lbs | | | 3.00 | 150 | 00 |
| 330 | | 2 | | | | Swift Multi Density Std | 125 | SKS | | | 19.50 | 2437 | 50 |
| 581 | | 2 | | | | SERVICE CHARGE <i>Cement</i> | | | | | 2.00 | 450 | 00 |
| 583 | | 2 | | | | MILEAGE CHARGE | TOTAL WEIGHT <i>22,940</i> | LOADED MILES <i>40</i> | TON MILES <i>458.80</i> | | 1.00 | 458 | 80 |

CONTINUATION TOTAL **5,883.80**

JOB LOG

SWIFT Services, Inc.

DATE 10/08/22 PAGE NO. 1

CUSTOMER *Falomin Petroleum* WELL NO. *#1* LEASE *EHMKE Trust* JOB TYPE *Long String* TICKET NO. *35599*

| CHART NO. | TIME | RATE (BPM) | VOLUME (BBL) (GAL) | PUMPS | | PRESSURE (PSI) | | DESCRIPTION OF OPERATION AND MATERIALS |
|-----------|------|------------|--------------------|-------|---|----------------|--------|--|
| | | | | T | C | TUBING | CASING | |
| | 2030 | | | | | | | On location w/ Float Equipment |
| | | | | | | | | RTD - 4740, LTD - 4742 |
| | | | | | | | | 111 JTs of 5 1/2" x 14# set @ 4736' |
| | | | | | | | | Shoe JT 44.44' |
| | | | | | | | | Port Collar - Top of 59 @ |
| | | | | | | | | Centralizers - 1, 2, 5, 6, 7, 8, 9, 11, 13, 10, 60 |
| | | | | | | | | Basket - 59 |
| | 2100 | | | | | | | Start Pipe w/ FE |
| | 2315 | | | | | | | Break Circulation on Bottom |
| | 0015 | | | | | | | Hook up to Swift |
| | | 2 | 7 | | | | | Plug Rathole w/ 30 SKS |
| | | | | | | | | 400 Plug Mouschote No Mouschote |
| | | 5 | 12 | | | | | 400 Pump Mud Flush |
| | | 5 | 20 | | | | | 400 Pump KCL Spacer |
| | | 5 | | | | | | Start SMD Cmt mixed @ 12.5 ppg |
| | | | 36 | | | | | Finish SMD, Start EA 2 |
| | | | 60 | | | | | vac Finish Cmt, Shut Down |
| | 0100 | | | | | | | Drop Plug, Washout Pump Lines |
| | 0105 | 8 | | | | | | Start Displacement |
| | | 7 | 80 | | | | | 400 Catch Cement |
| | | 6 1/4 | 112 | | | | | 1100 Lift Pressure |
| | 0120 | 6 1/4 | 114 1/2 | | | | | 1700 Land Plug |
| | | | | | | | | Release Truck, Dry |
| | | | | | | | | Wash up |
| | | | | | | | | Rack up |
| | 0145 | | | | | | | Job Complete |

Thanks
Jon, Joe & Mark



Company: Palomino Petroleum, Inc.

Lease: Ehmke Trust #1

SEC: 23 TWN: 19S RNG: 29W
County: LANE
State: KS
Drilling Contractor: L. D. Drilling & Exploration, LLC - Rig 1
Elevation: 2842 kb
Field Name: Paris
Pool: Wildcat
Job Number: 607
API #: 15-101-22680

Operation:

Uploading recovery & pressures

DATE

October
03
2022

DST #1 Formation: LKC H - I Test Interval: 4187 - 4255' Total Depth: 4255'

Time On: 17:34 10/03 Time Off: 01:07 10/04
Time On Bottom: 20:38 10/03 Time Off Bottom: 22:23 10/03

Electronic Volume Estimate:

1160'

1st Open

Minutes: 15

Current Reading:

38.3" at 15 min

Max Reading: 38.3"

1st Close

Minutes: 30

Current Reading:

0" at 30 min

Max Reading: 0"

2nd Open

Minutes: 30

Current Reading:

70.8" at 30 min

Max Reading: 70.8"

2nd Close

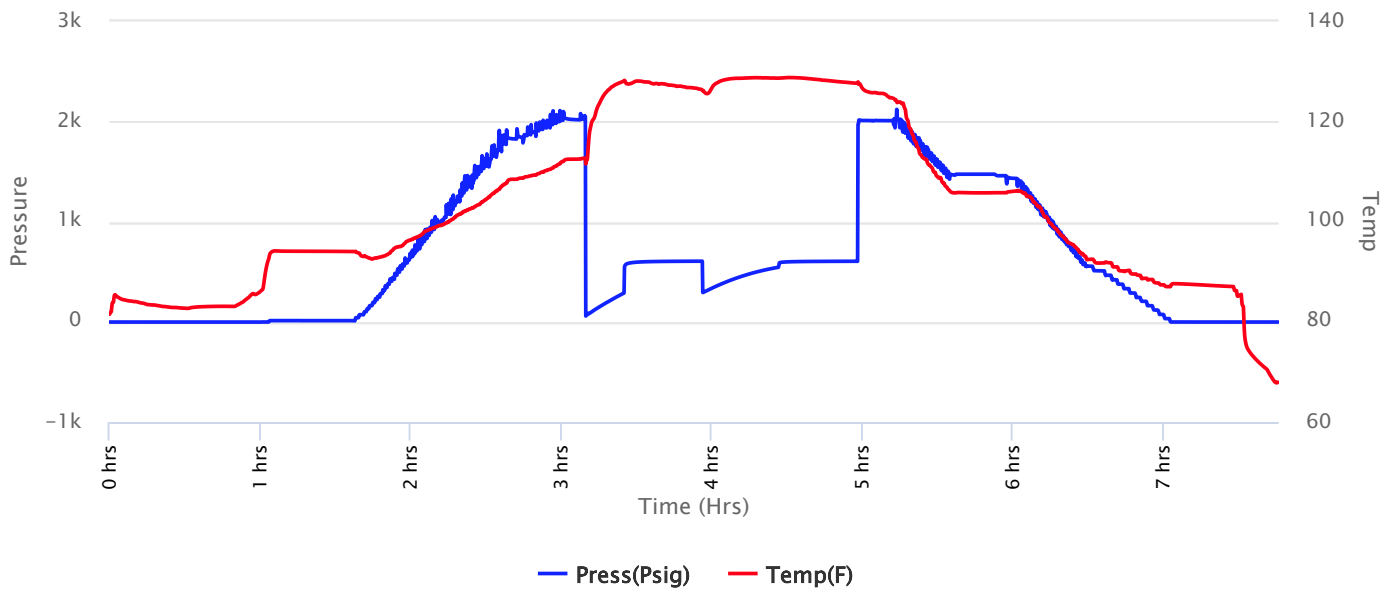
Minutes: 30

Current Reading:

0" at 30 min

Max Reading: 0"

Inside Recorder





Company: Palomino Petroleum, Inc.
Lease: Ehmke Trust #1

SEC: 23 TWN: 19S RNG: 29W
 County: LANE
 State: KS
 Drilling Contractor: L. D. Drilling & Exploration, LLC - Rig 1
 Elevation: 2842 kb
 Field Name: Paris
 Pool: Wildcat
 Job Number: 607
 API #: 15-101-22680

Operation:
 Uploading recovery & pressures

DATE
 October
03
 2022

DST #1 Formation: LKC H - I Test Interval: 4187 - 4255' Total Depth: 4255'
 Time On: 17:34 10/03 Time Off: 01:07 10/04
 Time On Bottom: 20:38 10/03 Time Off Bottom: 22:23 10/03

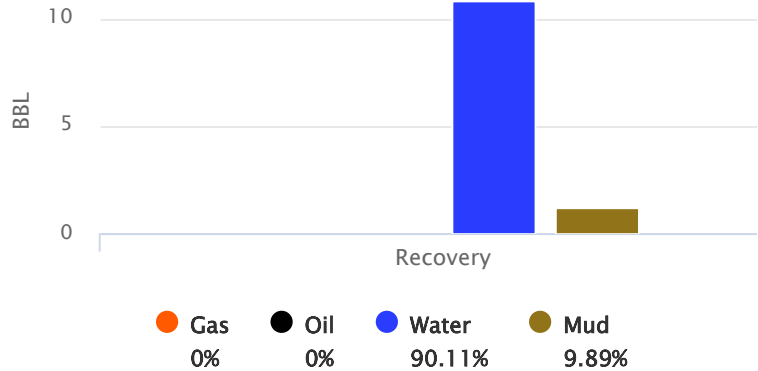
| Recovered | | Description of Fluid | Gas % | Oil % | Water % | Mud % |
|-----------|---------|----------------------|-------|-------|---------|-------|
| Foot | BBLs | | | | | |
| 229 | 2.34954 | HMCW | 0 | 0 | 70 | 30 |
| 941 | 9.65466 | SLMCW | 0 | 0 | 95 | 5 |

Total Recovered: 1170 ft
 Total Barrels Recovered: 12.0042

Reversed Out
 NO

| | | |
|---|------------|------------|
| Initial Hydrostatic Pressure | 2059 | PSI |
| Initial Flow | 69 to 284 | PSI |
| Initial Closed in Pressure | 606 | PSI |
| Final Flow Pressure | 294 to 544 | PSI |
| Final Closed in Pressure | 606 | PSI |
| Final Hydrostatic Pressure | 2012 | PSI |
| Temperature | 129 | °F |
| Pressure Change Initial Close / Final Close | 0.1 | % |

Recovery at a glance



GIP cubic foot volume: 0



**Company: Palomino Petroleum,
Inc.**

Lease: Ehmke Trust #1

SEC: 23 TWN: 19S RNG: 29W
County: LANE
State: KS
Drilling Contractor: L. D. Drilling &
Exploration, LLC - Rig 1
Elevation: 2842 kb
Field Name: Paris
Pool: Wildcat
Job Number: 607
API #: 15-101-22680

Operation:

Uploading recovery &
pressures

DATE

October

03

2022

**DST #1 Formation: LKC H - I Test Interval: 4187 -
4255' Total Depth: 4255'**

Time On: 17:34 10/03

Time Off: 01:07 10/04

Time On Bottom: 20:38 10/03

Time Off Bottom: 22:23 10/03

BUCKET MEASUREMENT:

1st Open: BoB at 3 mins 20 secs

1st Close: No return

2nd Open: BoB at 4 mins 10 secs

2nd Close: No return

REMARKS:

Tool Sample: 0% Gas 0% Oil 100% Water 0% Mud

Ph: 7

Measured RW: .42 @ 63 degrees °F

RW at Formation Temp: 0.216 @ 129 °F

Chlorides: 17,200 ppm



Company: Palomino Petroleum, Inc.

Lease: Ehmke Trust #1

SEC: 23 TWN: 19S RNG: 29W
County: LANE
State: KS
Drilling Contractor: L. D. Drilling & Exploration, LLC - Rig 1
Elevation: 2842 kb
Field Name: Paris
Pool: Wildcat
Job Number: 607
API #: 15-101-22680

Operation:
Uploading recovery & pressures

DATE
October
03
2022

DST #1 Formation: LKC H - I Test Interval: 4187 - 4255' Total Depth: 4255'

Time On: 17:34 10/03 Time Off: 01:07 10/04
Time On Bottom: 20:38 10/03 Time Off Bottom: 22:23 10/03

Down Hole Makeup

| | |
|--|---------------------------------|
| Heads Up: 28.37 FT | Packer 1: 4181.95 FT |
| Drill Pipe: 4182.75 FT <i>ID-3 1/4</i> | Packer 2: 4186.95 FT |
| Weight Pipe: FT <i>ID-2 7/8</i> | Top Recorder: 4171.37 FT |
| Collars: 0 FT <i>ID-2 1/4</i> | Bottom Recorder: 4253 FT |
| Test Tool: 33.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i> | Well Bore Size: 7 7/8 |
| Total Anchor: 68.05 | Surface Choke: 1" |
| <u>Anchor Makeup</u> | Bottom Choke: 5/8" |
| Packer Sub: 1 FT | |
| Perforations: (top): 32 FT <i>4 1/2-FH</i> | |
| Change Over: .5 FT | |
| Drill Pipe: (in anchor): 31.05 FT <i>ID-3 1/4</i> | |
| Change Over: .5 FT | |
| Perforations: (below): 3 FT <i>4 1/2-FH</i> | |



Company: Palomino Petroleum, Inc.
Lease: Ehmke Trust #1

SEC: 23 TWN: 19S RNG: 29W
 County: LANE
 State: KS
 Drilling Contractor: L. D. Drilling & Exploration, LLC - Rig 1
 Elevation: 2842 kb
 Field Name: Paris
 Pool: Wildcat
 Job Number: 607
 API #: 15-101-22680

Operation:
 Uploading recovery & pressures

DATE
 October
03
 2022

DST #1 Formation: LKC H - I Test Interval: 4187 - 4255' Total Depth: 4255'
 Time On: 17:34 10/03 Time Off: 01:07 10/04
 Time On Bottom: 20:38 10/03 Time Off Bottom: 22:23 10/03

Gas Volume Report

| 1st Open | | | |
|----------|---------|-----|-------|
| Time | Orifice | PSI | MCF/D |

| 2nd Open | | | |
|----------|---------|-----|-------|
| Time | Orifice | PSI | MCF/D |



Company: Palomino Petroleum, Inc.

Lease: Ehmke Trust #1

SEC: 23 TWN: 19S RNG: 29W
 County: LANE
 State: KS
 Drilling Contractor: L. D. Drilling & Exploration, LLC - Rig 1
 Elevation: 2842 KB
 Field Name: Paris
 Pool: WILDCAT
 Job Number: 607
 API #: 15-101-22680

Operation:
 Uploading recovery & pressures

DATE
 October
04
 2022

DST #2 **Formation: LKC J** **Test Interval: 4268 - 4275'** **Total Depth: 4275'**

Time On: 08:45 10/04 Time Off: 15:06 10/04
 Time On Bottom: 11:15 10/04 Time Off Bottom: 12:40 10/04

Electronic Volume Estimate:
 972'

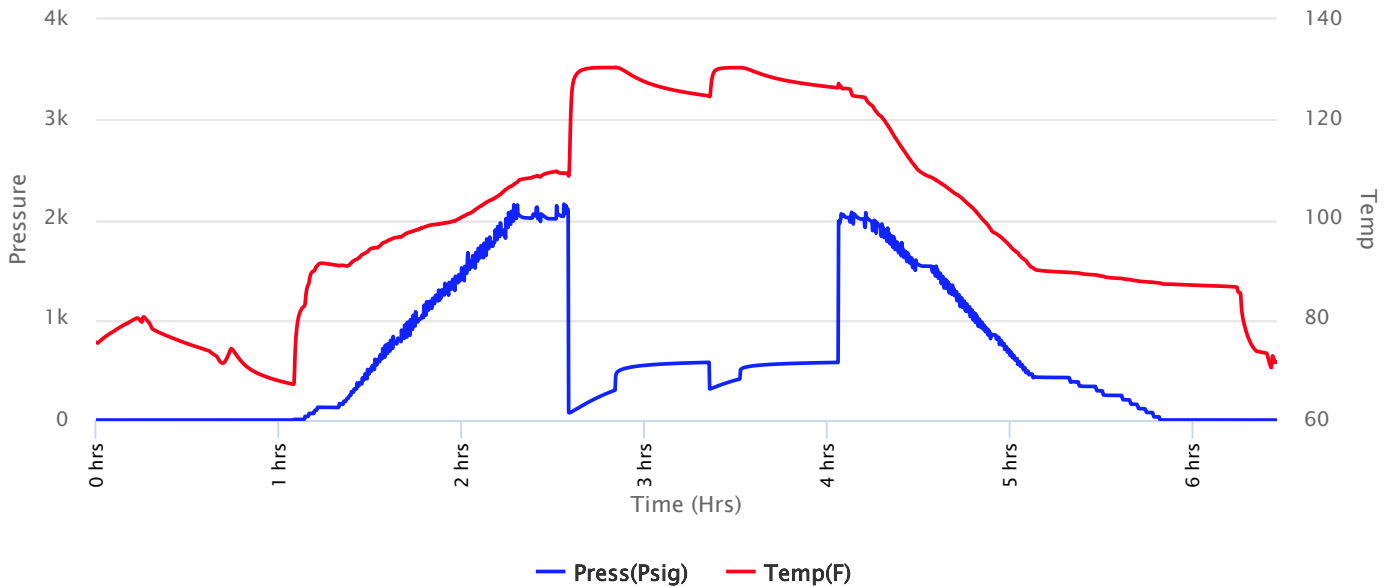
1st Open
 Minutes: 15
 Current Reading:
 61.4" at 15 min
 Max Reading: 61.4"

1st Close
 Minutes: 30
 Current Reading:
 0" at 30 min
 Max Reading: 0"

2nd Open
 Minutes: 10
 Current Reading:
 27.1" at 10 min
 Max Reading: 27.1"

2nd Close
 Minutes: 30
 Current Reading:
 0" at 30 min
 Max Reading: 0"

Inside Recorder





Company: Palomino Petroleum, Inc.
Lease: Ehmke Trust #1

SEC: 23 TWN: 19S RNG: 29W
 County: LANE
 State: KS
 Drilling Contractor: L. D. Drilling & Exploration, LLC - Rig 1
 Elevation: 2842 KB
 Field Name: Paris
 Pool: WILDCAT
 Job Number: 607
 API #: 15-101-22680

Operation:
 Uploading recovery & pressures

DATE
 October
04
 2022

DST #2 **Formation: LKC J** **Test Interval: 4268 - 4275'** **Total Depth: 4275'**
 Time On: 08:45 10/04 Time Off: 15:06 10/04
 Time On Bottom: 11:15 10/04 Time Off Bottom: 12:40 10/04

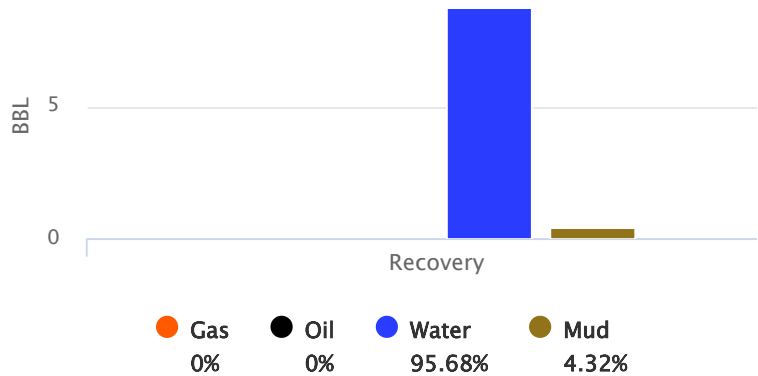
| Recovered | | Description of Fluid | Gas % | Oil % | Water % | Mud % |
|-----------|--------|----------------------|-------|-------|---------|-------|
| Foot | BBLs | | | | | |
| 70 | 0.7182 | MCW | 0 | 0 | 80 | 20 |
| 830 | 8.5158 | SLMCW | 0 | 0 | 97 | 3 |

Total Recovered: 900 ft
 Total Barrels Recovered: 9.234

Reversed Out
NO

| | | |
|---|------------|------------|
| Initial Hydrostatic Pressure | 2100 | PSI |
| Initial Flow | 72 to 299 | PSI |
| Initial Closed in Pressure | 577 | PSI |
| Final Flow Pressure | 315 to 405 | PSI |
| Final Closed in Pressure | 576 | PSI |
| Final Hydrostatic Pressure | 2049 | PSI |
| Temperature | 131 | °F |
| Pressure Change Initial Close / Final Close | 0.1 | % |

Recovery at a glance



GIP cubic foot volume: 0



Company: Palomino Petroleum, Inc.

Lease: Ehmke Trust #1

SEC: 23 TWN: 19S RNG: 29W
County: LANE
State: KS
Drilling Contractor: L. D. Drilling & Exploration, LLC - Rig 1
Elevation: 2842 KB
Field Name: Paris
Pool: WILDCAT
Job Number: 607
API #: 15-101-22680

Operation:

Uploading recovery & pressures

DATE

October

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2022

| | | | |
|---------------|-----------------------------|------------------------------------|---------------------------|
| DST #2 | Formation: LKC J | Test Interval: 4268 - 4275' | Total Depth: 4275' |
| | Time On: 08:45 10/04 | Time Off: 15:06 10/04 | |
| | Time On Bottom: 11:15 10/04 | Time Off Bottom: 12:40 10/04 | |

BUCKET MEASUREMENT:

1st Open: BoB at 2 mins 20 secs

1st Close: No return

2nd Open: BoB at 3 mins 50 secs

2nd Close: No return

REMARKS:

Tool Sample: 0% Gas 0% Oil 99% Water 1% Mud

Ph: 7

Measured RW: .36 @ 60 degrees °F

RW at Formation Temp: 0.174 @ 131 °F

Chlorides: 21,600 ppm



Company: Palomino Petroleum, Inc.

Lease: Ehmke Trust #1

SEC: 23 TWN: 19S RNG: 29W
County: LANE
State: KS
Drilling Contractor: L. D. Drilling & Exploration, LLC - Rig 1
Elevation: 2842 KB
Field Name: Paris
Pool: WILDCAT
Job Number: 607
API #: 15-101-22680

Operation:
Uploading recovery & pressures

DATE
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DST #2 Formation: LKC J Test Interval: 4268 - 4275' Total Depth: 4275'
Time On: 08:45 10/04 Time Off: 15:06 10/04
Time On Bottom: 11:15 10/04 Time Off Bottom: 12:40 10/04

Down Hole Makeup

| | |
|--|---------------------------------|
| Heads Up: 9.6000000000002 FT | Packer 1: 4263 FT |
| Drill Pipe: 4245.03 FT <i>ID-3 1/4</i> | Packer 2: 4268 FT |
| Weight Pipe: FT <i>ID-2 7/8</i> | Top Recorder: 4252.42 FT |
| Collars: 0 FT <i>ID-2 1/4</i> | Bottom Recorder: 4270 FT |
| Test Tool: 33.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i> | Well Bore Size: 7 7/8 |
| | Surface Choke: 1" |
| | Bottom Choke: 5/8" |

Total Anchor: 7

Anchor Makeup

Packer Sub: 1 FT

Perforations: (top): FT
4 1/2-FH

Change Over: FT

Drill Pipe: (in anchor): FT
ID-3 1/4

Change Over: FT

Perforations: (below): 6 FT
4 1/2-FH



Company: Palomino Petroleum, Inc.
Lease: Ehmke Trust #1

SEC: 23 TWN: 19S RNG: 29W
 County: LANE
 State: KS
 Drilling Contractor: L. D. Drilling & Exploration, LLC - Rig 1
 Elevation: 2842 KB
 Field Name: Paris
 Pool: WILDCAT
 Job Number: 607
 API #: 15-101-22680

Operation:
 Uploading recovery & pressures

DATE
 October
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 2022

DST #2 Formation: LKC J Test Interval: 4268 - 4275' Total Depth: 4275'
 Time On: 08:45 10/04 Time Off: 15:06 10/04
 Time On Bottom: 11:15 10/04 Time Off Bottom: 12:40 10/04

Gas Volume Report

| 1st Open | | | |
|----------|---------|-----|-------|
| Time | Orifice | PSI | MCF/D |

| 2nd Open | | | |
|----------|---------|-----|-------|
| Time | Orifice | PSI | MCF/D |



Company: Palomino Petroleum, Inc.

Lease: Ehmke Trust #1

SEC: 23 TWN: 19S RNG: 29W
County: LANE
State: KS
Drilling Contractor: L. D. Drilling & Exploration, LLC - Rig 1
Elevation: 2837 GL
Field Name: Paris
Pool: WILDCAT
Job Number: 607
API #: 15-101-22680

Operation:

Uploading recovery & pressures

DATE

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2022

DST #3 Formation: LKC K Test Interval: 4286 - 4312' Total Depth: 4312'

Time On: 00:04 10/05 Time Off: 05:52 10/05
Time On Bottom: 02:11 10/05 Time Off Bottom: 03:41 10/05

Electronic Volume Estimate:
1231'

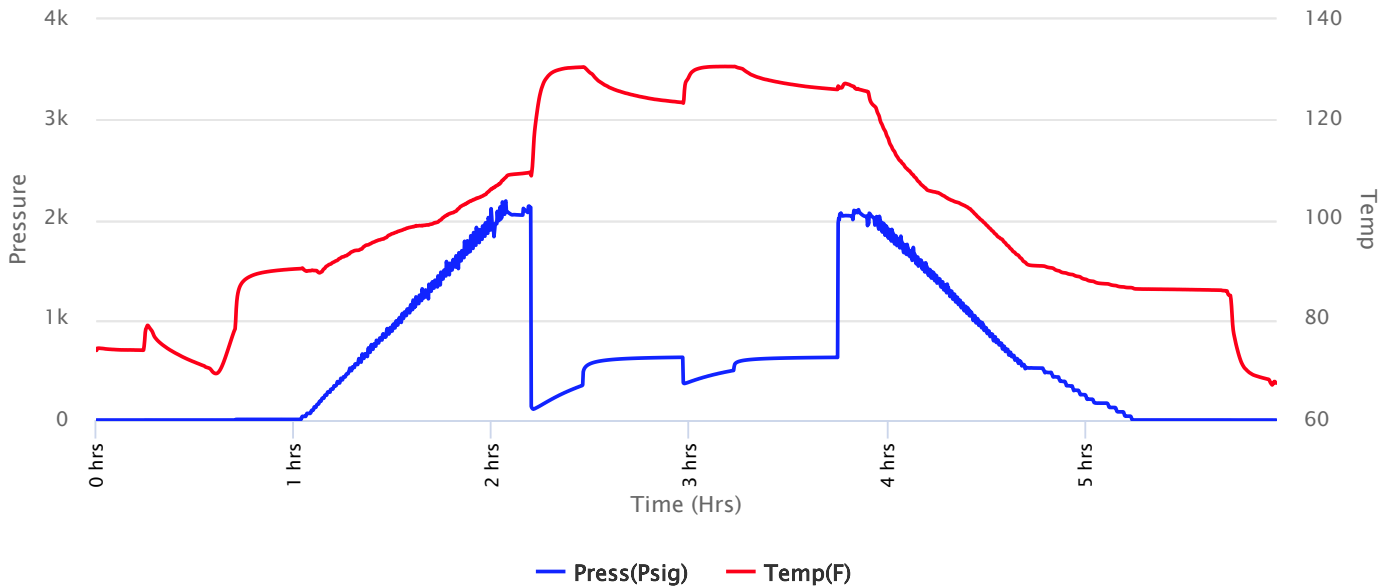
1st Open
Minutes: 15
Current Reading:
73.8" at 15 min
Max Reading: 73.8"

1st Close
Minutes: 30
Current Reading:
0" at 30 min
Max Reading: 0"

2nd Open
Minutes: 15
Current Reading:
39.8" at 15 min
Max Reading: 39.8"

2nd Close
Minutes: 30
Current Reading:
0" at 30 min
Max Reading: 0"

Inside Recorder





Company: Palomino Petroleum, Inc.
Lease: Ehmke Trust #1

SEC: 23 TWN: 19S RNG: 29W
 County: LANE
 State: KS
 Drilling Contractor: L. D. Drilling & Exploration, LLC - Rig 1
 Elevation: 2837 GL
 Field Name: Paris
 Pool: WILDCAT
 Job Number: 607
 API #: 15-101-22680

Operation:
 Uploading recovery & pressures

DATE
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 2022

DST #3 **Formation: LKC K** **Test Interval: 4286 - 4312'** **Total Depth: 4312'**
 Time On: 00:04 10/05 Time Off: 05:52 10/05
 Time On Bottom: 02:11 10/05 Time Off Bottom: 03:41 10/05

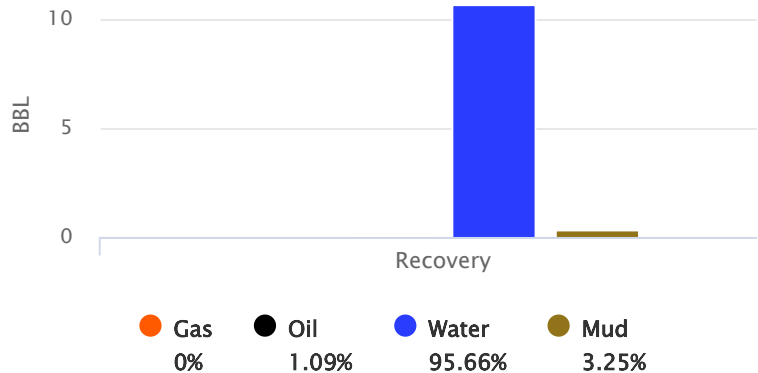
| Recovered | | | | | | |
|-----------|---------|----------------------|-------|-------|---------|-------|
| Foot | BBLs | Description of Fluid | Gas % | Oil % | Water % | Mud % |
| 1 | 0.01026 | O | 0 | 100 | 0 | 0 |
| 137 | 1.40562 | SLOCSLMCW | 0 | 1 | 94 | 5 |
| 952 | 9.76752 | SLOCSLMCW | 0 | 1 | 96 | 3 |

Total Recovered: 1090 ft
 Total Barrels Recovered: 11.1834

Reversed Out
 NO

| | | |
|---|------------|------------|
| Initial Hydrostatic Pressure | 2121 | PSI |
| Initial Flow | 116 to 352 | PSI |
| Initial Closed in Pressure | 627 | PSI |
| Final Flow Pressure | 374 to 495 | PSI |
| Final Closed in Pressure | 626 | PSI |
| Final Hydrostatic Pressure | 2056 | PSI |
| Temperature | 131 | °F |
| Pressure Change Initial Close / Final Close | 0.2 | % |

Recovery at a glance



GIP cubic foot volume: 0



**Company: Palomino Petroleum,
Inc.**

Lease: Ehmke Trust #1

SEC: 23 TWN: 19S RNG: 29W
County: LANE
State: KS
Drilling Contractor: L. D. Drilling &
Exploration, LLC - Rig 1
Elevation: 2837 GL
Field Name: Paris
Pool: WILDCAT
Job Number: 607
API #: 15-101-22680

Operation:

Uploading recovery &
pressures

DATE

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2022

| | | | |
|---------------|-----------------------------|--|---------------------------|
| DST #3 | Formation: LKC K | Test Interval: 4286 - 4312' | Total Depth: 4312' |
| | Time On: 00:04 10/05 | Time Off: 05:52 10/05 | |
| | Time On Bottom: 02:11 10/05 | Time Off Bottom: 03:41 10/05 | |

BUCKET MEASUREMENT:

1st Open: BoB at 1 mins 45 secs

1st Close: No return

2nd Open: BoB at 3 mins

2nd Close: No return

REMARKS:

Tool Sample: 0% Gas 3% Oil 97% Water 0% Mud

Ph: 7

Measured RW: .48 @ 52 degrees °F

RW at Formation Temp: 0.205 @ 131 °F

Chlorides: 18,000 ppm



Company: Palomino Petroleum, Inc.

Lease: Ehmke Trust #1

SEC: 23 TWN: 19S RNG: 29W
County: LANE
State: KS
Drilling Contractor: L. D. Drilling & Exploration, LLC - Rig 1
Elevation: 2837 GL
Field Name: Paris
Pool: WILDCAT
Job Number: 607
API #: 15-101-22680

Operation:
Uploading recovery & pressures

DATE
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DST #3 Formation: LKC K Test Interval: 4286 - 4312' Total Depth: 4312'
Time On: 00:04 10/05 Time Off: 05:52 10/05
Time On Bottom: 02:11 10/05 Time Off Bottom: 03:41 10/05

Down Hole Makeup

| | |
|--|---------------------------------|
| Heads Up: 22.72 FT | Packer 1: 4281 FT |
| Drill Pipe: 4276.15 FT <i>ID-3 1/4</i> | Packer 2: 4286 FT |
| Weight Pipe: FT <i>ID-2 7/8</i> | Top Recorder: 4270.42 FT |
| Collars: 0 FT <i>ID-2 1/4</i> | Bottom Recorder: 4313 FT |
| Test Tool: 33.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i> | Well Bore Size: 7 7/8 |
| | Surface Choke: 1" |
| | Bottom Choke: 5/8" |

Total Anchor: 26

Anchor Makeup

Packer Sub: 1 FT

Perforations: (top): 25 FT
4 1/2-FH

Change Over: FT

Drill Pipe: (in anchor): FT
ID-3 1/4

Change Over: FT

Perforations: (below): FT
4 1/2-FH



Company: Palomino Petroleum, Inc.

Lease: Ehmke Trust #1

SEC: 23 TWN: 19S RNG: 29W
County: LANE
State: KS
Drilling Contractor: L. D. Drilling & Exploration, LLC - Rig 1
Elevation: 2837 GL
Field Name: Paris
Pool: WILDCAT
Job Number: 607
API #: 15-101-22680

Operation:

Uploading recovery & pressures

DATE

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2022

DST #3 Formation: LKC K Test Interval: 4286 - 4312' Total Depth: 4312'

Time On: 00:04 10/05 Time Off: 05:52 10/05

Time On Bottom: 02:11 10/05 Time Off Bottom: 03:41 10/05

Mud Properties

Mud Type: Chem

Weight: 9.2

Viscosity: 51

Filtrate: 8.8

Chlorides: 3500 ppm



Company: Palomino Petroleum, Inc.
Lease: Ehmke Trust #1

SEC: 23 TWN: 19S RNG: 29W
 County: LANE
 State: KS
 Drilling Contractor: L. D. Drilling & Exploration, LLC - Rig 1
 Elevation: 2837 GL
 Field Name: Paris
 Pool: WILDCAT
 Job Number: 607
 API #: 15-101-22680

Operation:
 Uploading recovery & pressures

DATE
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DST #3 Formation: LKC K Test Interval: 4286 - 4312' Total Depth: 4312'
 Time On: 00:04 10/05 Time Off: 05:52 10/05
 Time On Bottom: 02:11 10/05 Time Off Bottom: 03:41 10/05

Gas Volume Report

| 1st Open | | | |
|----------|---------|-----|-------|
| Time | Orifice | PSI | MCF/D |

| 2nd Open | | | |
|----------|---------|-----|-------|
| Time | Orifice | PSI | MCF/D |



Company: Palomino Petroleum, Inc.

Lease: Ehmke Trust #1

SEC: 23 TWN: 19S RNG: 29W
County: LANE
State: KS
Drilling Contractor: L. D. Drilling & Exploration, LLC - Rig 1
Elevation: 2837 GL
Field Name: Paris
Pool: WILDCAT
Job Number: 607
API #: 15-101-22680

Operation:
Uploading recovery & pressures

DATE
October
06
2022

DST #5 **Formation: Altamont** **Test Interval: 4390 - 4470'** **Total Depth: 4470'**

Time On: 16:04 10/06 Time Off: 23:45 10/06
Time On Bottom: 18:41 10/06 Time Off Bottom: 20:01 10/06

Electronic Volume Estimate:
2231'

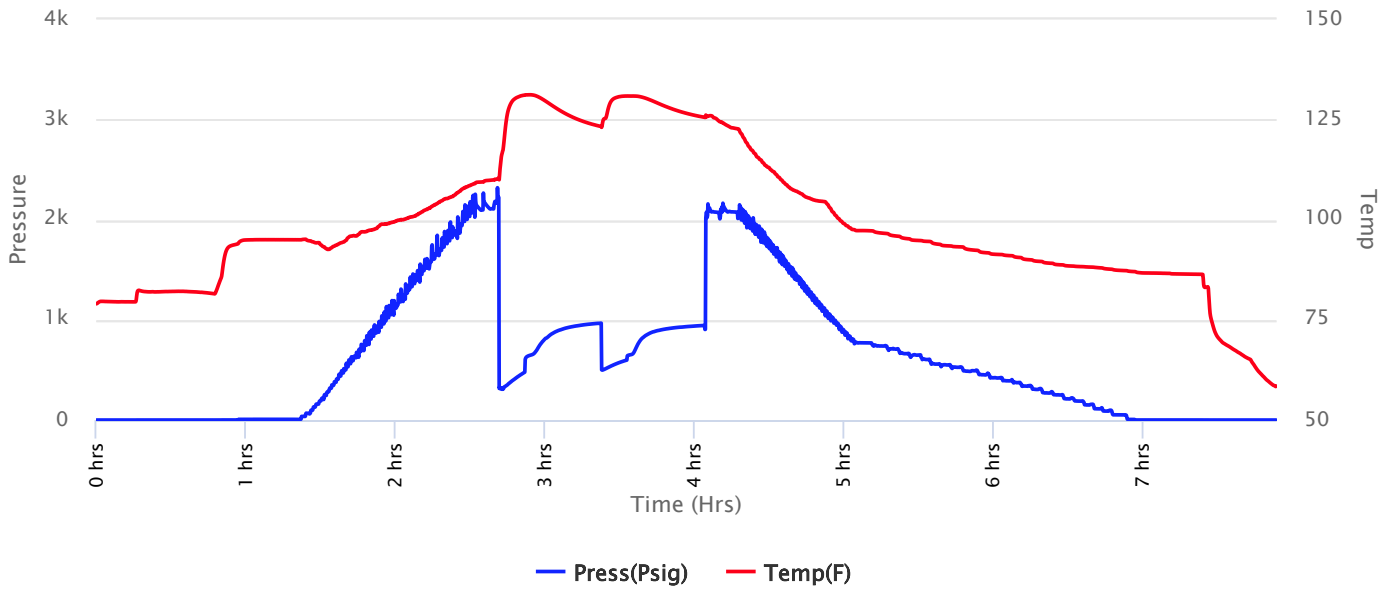
1st Open
Minutes: 10
Current Reading:
131.4" at 10 min
Max Reading: 131.4"

1st Close
Minutes: 30
Current Reading:
11.3" at 30 min
Max Reading: 11.3"

2nd Open
Minutes: 10
Current Reading:
71.3" at 10 min
Max Reading: 71.3"

2nd Close
Minutes: 30
Current Reading:
8.4" at 30 min
Max Reading: 8.4"

Inside Recorder





Company: Palomino Petroleum, Inc.
Lease: Ehmke Trust #1

SEC: 23 TWN: 19S RNG: 29W
 County: LANE
 State: KS
 Drilling Contractor: L. D. Drilling & Exploration, LLC - Rig 1
 Elevation: 2837 GL
 Field Name: Paris
 Pool: WILDCAT
 Job Number: 607
 API #: 15-101-22680

Operation:
 Uploading recovery & pressures

DATE
 October
06
 2022

DST #5 Formation: Altamont Test Interval: 4390 - 4470' Total Depth: 4470'
 Time On: 16:04 10/06 Time Off: 23:45 10/06
 Time On Bottom: 18:41 10/06 Time Off Bottom: 20:01 10/06

Recovered

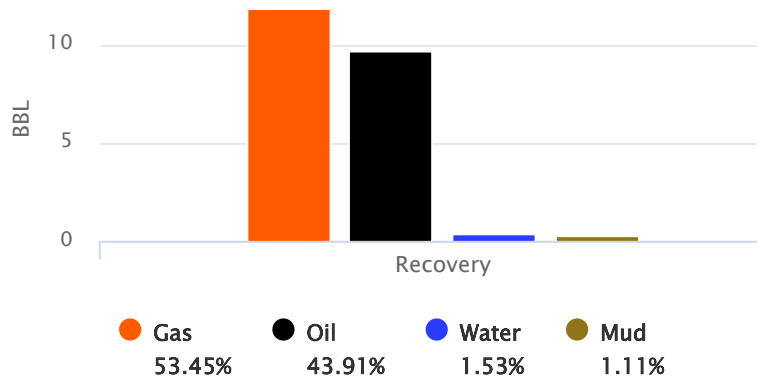
| Foot | BBLs | Description of Fluid | Gas % | Oil % | Water % | Mud % |
|------|----------|----------------------|-------|-------|---------|-------|
| 530 | 5.4378 | G | 100 | 0 | 0 | 0 |
| 45 | 0.4617 | HOCG | 50 | 50 | 0 | 0 |
| 1333 | 13.67658 | HGCO | 40 | 60 | 0 | 0 |
| 63.5 | 0.65151 | GCHMCO | 20 | 50 | 0 | 30 |
| 53.5 | 0.54891 | HGCO | 30 | 70 | 0 | 0 |
| 73.5 | 0.75411 | OCHGCW | 30 | 25 | 45 | 0 |
| 53.5 | 0.54891 | HGCO | 30 | 70 | 0 | 0 |
| 10 | 0.1026 | OCHGCM | 30 | 20 | 0 | 50 |

Total Recovered: 2162 ft
 Total Barrels Recovered: 22.18212

Reversed Out
 NO

| | | |
|---|------------|------------|
| Initial Hydrostatic Pressure | 2219 | PSI |
| Initial Flow | 307 to 474 | PSI |
| Initial Closed in Pressure | 966 | PSI |
| Final Flow Pressure | 500 to 598 | PSI |
| Final Closed in Pressure | 944 | PSI |
| Final Hydrostatic Pressure | 2158 | PSI |
| Temperature | 131 | °F |
| Pressure Change Initial Close / Final Close | 2.3 | % |

Recovery at a glance



GIP cubic foot volume: 66.56519



**Company: Palomino Petroleum,
Inc.**

Lease: Ehmke Trust #1

SEC: 23 TWN: 19S RNG: 29W
County: LANE
State: KS
Drilling Contractor: L. D. Drilling &
Exploration, LLC - Rig 1
Elevation: 2837 GL
Field Name: Paris
Pool: WILDCAT
Job Number: 607
API #: 15-101-22680

Operation:

Uploading recovery &
pressures

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DST #5 Formation: Altamont Test Interval: 4390 - Total Depth: 4470'
4470'

Time On: 16:04 10/06

Time Off: 23:45 10/06

Time On Bottom: 18:41 10/06

Time Off Bottom: 20:01 10/06

BUCKET MEASUREMENT:

1st Open: BoB at 1 min

1st Close: Surface return built to 10.5

2nd Open: BoB at 1 min 10 secs

2nd Close: Surface blow built to 8

REMARKS:

Tool Sample: 0% Gas 100% Oil 0% Water 0% Mud

Gravity: 33.4 @ 60 °F



Company: Palomino Petroleum, Inc.

Lease: Ehmke Trust #1

SEC: 23 TWN: 19S RNG: 29W
County: LANE
State: KS
Drilling Contractor: L. D. Drilling & Exploration, LLC - Rig 1
Elevation: 2837 GL
Field Name: Paris
Pool: WILDCAT
Job Number: 607
API #: 15-101-22680

Operation:
Uploading recovery & pressures

DATE
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06
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DST #5 Formation: Altamont Test Interval: 4390 - 4470' Total Depth: 4470'

Time On: 16:04 10/06 Time Off: 23:45 10/06
Time On Bottom: 18:41 10/06 Time Off Bottom: 20:01 10/06

Down Hole Makeup

| | |
|--|---------------------------------|
| Heads Up: 11.62 FT | Packer 1: 4385 FT |
| Drill Pipe: 4369.05 FT <i>ID-3 1/4</i> | Packer 2: 4390 FT |
| Weight Pipe: FT <i>ID-2 7/8</i> | Top Recorder: 4374.42 FT |
| Collars: 0 FT <i>ID-2 1/4</i> | Bottom Recorder: 4468 FT |
| Test Tool: 33.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i> | Well Bore Size: 7 7/8 |
| | Surface Choke: 1" |
| | Bottom Choke: 5/8" |

Total Anchor: 80

Anchor Makeup

Packer Sub: 1 FT

Perforations: (top): 12 FT
4 1/2-FH

Change Over: .5 FT

Drill Pipe: (in anchor): 63 FT
ID-3 1/4

Change Over: .5 FT

Perforations: (below): 3 FT
4 1/2-FH



**Company: Palomino Petroleum,
Inc.
Lease: Ehmke Trust #1**

SEC: 23 TWN: 19S RNG: 29W
County: LANE
State: KS
Drilling Contractor: L. D. Drilling &
Exploration, LLC - Rig 1
Elevation: 2837 GL
Field Name: Paris
Pool: WILDCAT
Job Number: 607
API #: 15-101-22680

Operation:

Uploading recovery &
pressures

DATE

October

06

2022

DST #5 Formation: Altamont Test Interval: 4390 - Total Depth: 4470'
4470'

Time On: 16:04 10/06

Time Off: 23:45 10/06

Time On Bottom: 18:41 10/06

Time Off Bottom: 20:01 10/06

Mud Properties

Mud Type: Chem

Weight: 9.2

Viscosity: 48

Filtrate: 10.4

Chlorides: 4200 ppm



Company: Palomino Petroleum, Inc.
Lease: Ehmke Trust #1

SEC: 23 TWN: 19S RNG: 29W
 County: LANE
 State: KS
 Drilling Contractor: L. D. Drilling & Exploration, LLC - Rig 1
 Elevation: 2837 GL
 Field Name: Paris
 Pool: WILDCAT
 Job Number: 607
 API #: 15-101-22680

Operation:
 Uploading recovery & pressures

DATE
 October
06
 2022

DST #5 Formation: Altamont Test Interval: 4390 - 4470' Total Depth: 4470'
 Time On: 16:04 10/06 Time Off: 23:45 10/06
 Time On Bottom: 18:41 10/06 Time Off Bottom: 20:01 10/06

Gas Volume Report

| 1st Open | | | |
|----------|---------|-----|-------|
| Time | Orifice | PSI | MCF/D |

| 2nd Open | | | |
|----------|---------|-----|-------|
| Time | Orifice | PSI | MCF/D |



Company: Palomino Petroleum, Inc.

Lease: Ehmke Trust #1

SEC: 23 TWN: 19S RNG: 29W
County: LANE
State: KS
Drilling Contractor: L. D. Drilling & Exploration, LLC - Rig 1
Elevation: 2837 GL
Field Name: Paris
Pool: WILDCAT
Job Number: 607
API #: 15-101-22680

Operation:
Uploading recovery & pressures

DATE
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08
2022

DST #6 **Formation: Mississippi** **Test Interval: 4713 - 4740'** **Total Depth: 4740'**
Time On: 05:47 10/08 Time Off: 11:50 10/08
Time On Bottom: 07:41 10/08 Time Off Bottom: 09:41 10/08

Electronic Volume Estimate:
42'

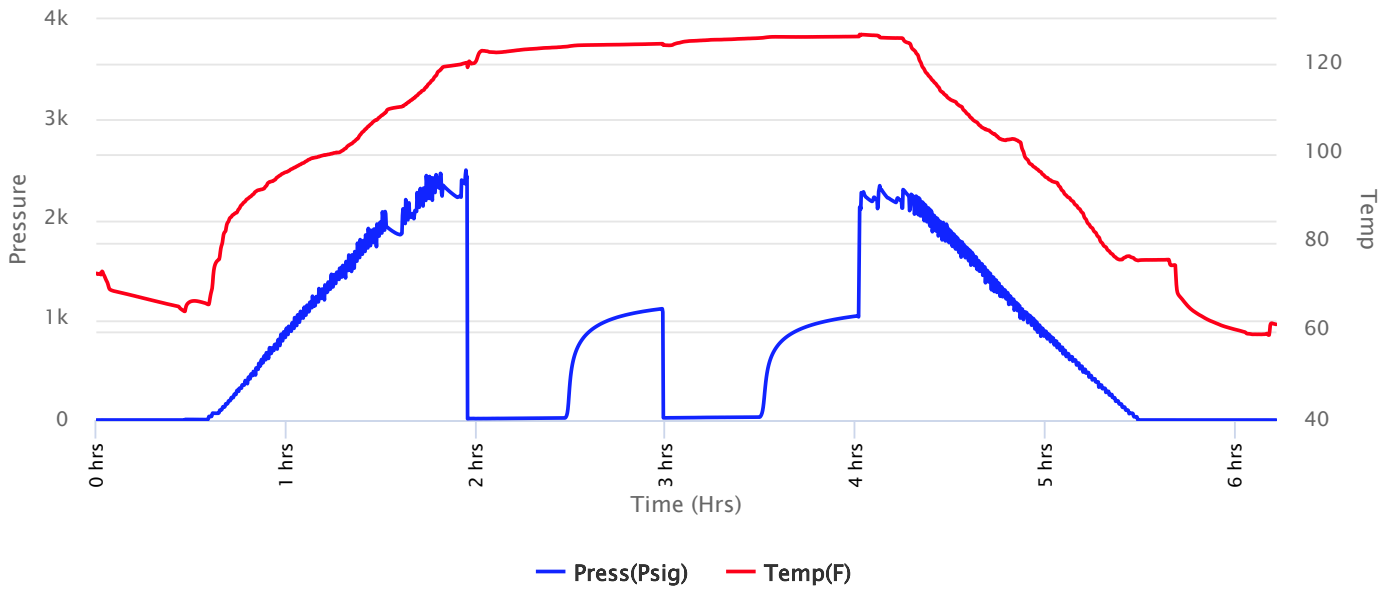
1st Open
Minutes: 30
Current Reading:
2.3" at 30 min
Max Reading: 2.3"

1st Close
Minutes: 30
Current Reading:
0" at 30 min
Max Reading: 0"

2nd Open
Minutes: 30
Current Reading:
1" at 30 min
Max Reading: 1"

2nd Close
Minutes: 30
Current Reading:
0" at 30 min
Max Reading: 0"

Inside Recorder





Company: Palomino Petroleum, Inc.
Lease: Ehmke Trust #1

SEC: 23 TWN: 19S RNG: 29W
 County: LANE
 State: KS
 Drilling Contractor: L. D. Drilling & Exploration, LLC - Rig 1
 Elevation: 2837 GL
 Field Name: Paris
 Pool: WILDCAT
 Job Number: 607
 API #: 15-101-22680

Operation:
 Uploading recovery & pressures

DATE
 October
08
 2022

DST #6 **Formation: Mississippi** **Test Interval: 4713 - 4740'** **Total Depth: 4740'**
 Time On: 05:47 10/08 Time Off: 11:50 10/08
 Time On Bottom: 07:41 10/08 Time Off Bottom: 09:41 10/08

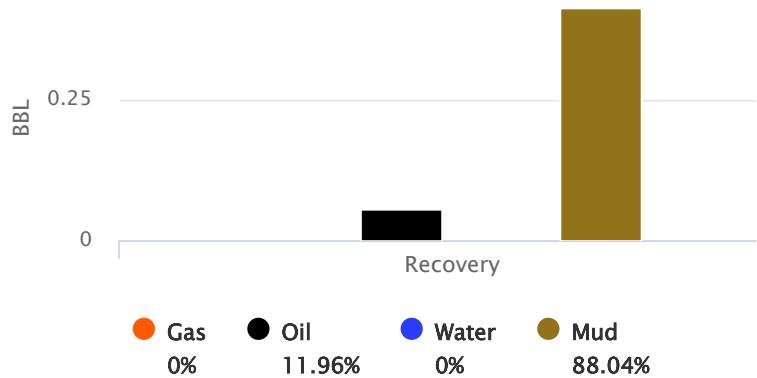
| Recovered | | Description of Fluid | Gas % | Oil % | Water % | Mud % |
|-----------|---------|----------------------|-------|-------|---------|-------|
| Foot | BBLs | | | | | |
| 1 | 0.01026 | O | 0 | 100 | 0 | 0 |
| 45 | 0.4617 | SLOCM | 0 | 10 | 0 | 90 |

Total Recovered: 46 ft
 Total Barrels Recovered: 0.47196

Reversed Out
 NO

| | | |
|---|-------------|------------|
| Initial Hydrostatic Pressure | 2449 | PSI |
| Initial Flow | 15 to 28 | PSI |
| Initial Closed in Pressure | 1111 | PSI |
| Final Flow Pressure | 23 to 30 | PSI |
| Final Closed in Pressure | 1041 | PSI |
| Final Hydrostatic Pressure | 2271 | PSI |
| Temperature | 127 | °F |
| Pressure Change Initial Close / Final Close | 6.3 | % |

Recovery at a glance



GIP cubic foot volume: 0



Company: Palomino Petroleum, Inc.

Lease: Ehmke Trust #1

SEC: 23 TWN: 19S RNG: 29W
County: LANE
State: KS
Drilling Contractor: L. D. Drilling & Exploration, LLC - Rig 1
Elevation: 2837 GL
Field Name: Paris
Pool: WILDCAT
Job Number: 607
API #: 15-101-22680

Operation:
Uploading recovery & pressures

DATE
October
08
2022

DST #6 **Formation: Mississippi** **Test Interval: 4713 - 4740'** **Total Depth: 4740'**
Time On: 05:47 10/08 Time Off: 11:50 10/08
Time On Bottom: 07:41 10/08 Time Off Bottom: 09:41 10/08

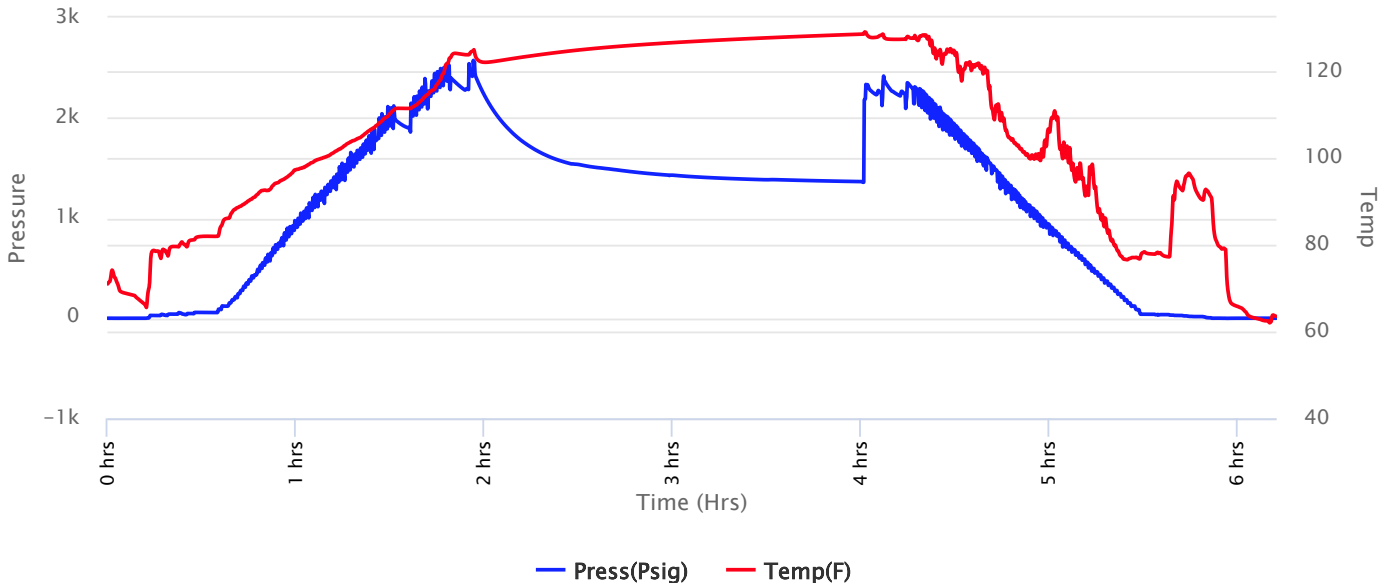
BUCKET MEASUREMENT:

1st Open: Surface blow built to 2.25
1st Close: No return
2nd Open: Surface blow built to 1
2nd Close: No return

REMARKS:

Tool Sample: 0% Gas 35% Oil 0% Water 65% Mud
Gravity: 34.1 @ 60 °F

Below Straddle Recorder





Company: Palomino Petroleum, Inc.

Lease: Ehmke Trust #1

SEC: 23 TWN: 19S RNG: 29W
County: LANE
State: KS
Drilling Contractor: L. D. Drilling & Exploration, LLC - Rig 1
Elevation: 2837 GL
Field Name: Paris
Pool: WILDCAT
Job Number: 607
API #: 15-101-22680

Operation:
Uploading recovery & pressures

DATE
October
08
2022

DST #6 **Formation: Mississippi** **Test Interval: 4713 - 4740'** **Total Depth: 4740'**
Time On: 05:47 10/08 Time Off: 11:50 10/08
Time On Bottom: 07:41 10/08 Time Off Bottom: 09:41 10/08

Down Hole Makeup

| | |
|--|---|
| Heads Up: 14.46 FT | Packer 1: 4708 FT |
| Drill Pipe: 4694.89 FT <i>ID-3 1/4</i> | Packer 2: 4713 FT |
| Weight Pipe: FT <i>ID-2 7/8</i> | Packer 3: 4740 FT |
| Collars: 0 FT <i>ID-2 1/4</i> | Top Recorder: 4697.42 FT |
| Test Tool: 33.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i> | Bottom Recorder: 4715 FT |
| | Below Straddle Recorder: 4729 FT |
| | Well Bore Size: 7 7/8 |
| | Surface Choke: 1" |
| | Bottom Choke: 5/8" |

Total Anchor: 27

Anchor Makeup

Packer Sub: 1 FT

Perforations: (top): FT
4 1/2-FH

Change Over: FT

Drill Pipe: (in anchor): FT
ID-3 1/4

Change Over: FT

Perforations: (below): 26 FT
4 1/2-FH

STRADDLE

Straddle Packer(s): 1 FT

Change Over: .5 FT

Drill Pipe: 63 FT

ID-3 1/2"

Change Over: .5 FT

Perforations (in tail pipe): 12 FT

4 1/2-FH



Company: Palomino Petroleum, Inc.

Lease: Ehmke Trust #1

SEC: 23 TWN: 19S RNG: 29W

County: LANE

State: KS

Drilling Contractor: L. D. Drilling & Exploration, LLC - Rig 1

Elevation: 2837 GL

Field Name: Paris

Pool: WILDCAT

Job Number: 607

API #: 15-101-22680

Operation:

Uploading recovery & pressures

DATE

October

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2022

DST #6

Formation:
Mississippi

Test Interval: 4713 - 4740'

Total Depth: 4740'

Time On: 05:47 10/08

Time Off: 11:50 10/08

Time On Bottom: 07:41 10/08

Time Off Bottom: 09:41 10/08

Mud Properties

Mud Type: Chem

Weight: 9.1

Viscosity: 61

Filtrate: 9.6

Chlorides: 4000 ppm



Company: Palomino Petroleum, Inc.

Lease: Ehmke Trust #1

SEC: 23 TWN: 19S RNG: 29W
County: LANE
State: KS
Drilling Contractor: L. D. Drilling & Exploration, LLC - Rig 1
Elevation: 2837 GL
Field Name: Paris
Pool: WILDCAT
Job Number: 607
API #: 15-101-22680

Operation:
Uploading recovery & pressures

DATE
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2022

DST #6 **Formation: Mississippi** **Test Interval: 4713 - 4740'** **Total Depth: 4740'**
Time On: 05:47 10/08 Time Off: 11:50 10/08
Time On Bottom: 07:41 10/08 Time Off Bottom: 09:41 10/08

Gas Volume Report

| 1st Open | | | |
|----------|---------|-----|-------|
| Time | Orifice | PSI | MCF/D |

| 2nd Open | | | |
|----------|---------|-----|-------|
| Time | Orifice | PSI | MCF/D |



Company: Palomino Petroleum, Inc.

Lease: Ehmke Trust #1

SEC: 23 TWN: 19S RNG: 29W
County: LANE
State: KS
Drilling Contractor: L. D. Drilling & Exploration, LLC - Rig 1
Elevation: 2837 GL
Field Name: Paris
Pool: WILDCAT
Job Number: 607
API #: 15-101-22680

Operation:
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05
2022

DST #4 **Formation: LKC L** **Test Interval: 4334 - 4361'** **Total Depth: 4361'**

Time On: 20:05 10/05 Time Off: 02:47 10/06
Time On Bottom: 22:46 10/05 Time Off Bottom: 00:46 10/06

Electronic Volume Estimate:
335'

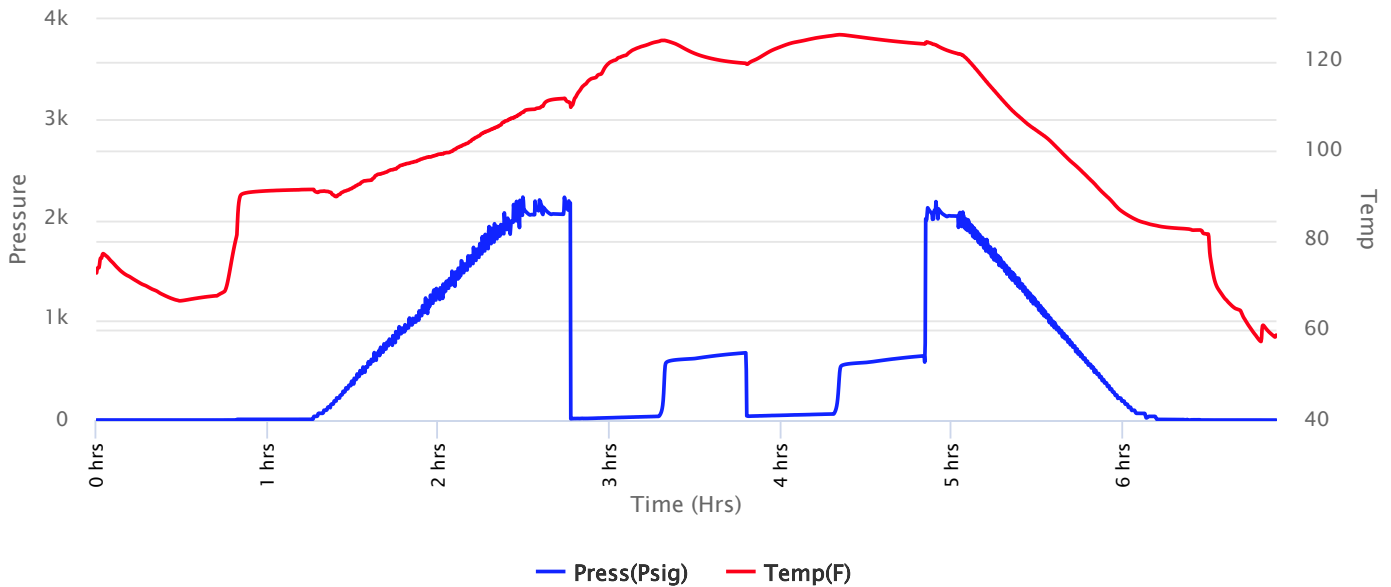
1st Open
Minutes: 30
Current Reading:
16" at 30 min
Max Reading: 16"

1st Close
Minutes: 30
Current Reading:
1.2" at 30 min
Max Reading: 1.2"

2nd Open
Minutes: 30
Current Reading:
10.6" at 30 min
Max Reading: 10.6"

2nd Close
Minutes: 30
Current Reading:
1.4" at 30 min
Max Reading: 1.4"

Inside Recorder





Company: Palomino Petroleum, Inc.
Lease: Ehmke Trust #1

SEC: 23 TWN: 19S RNG: 29W
 County: LANE
 State: KS
 Drilling Contractor: L. D. Drilling & Exploration, LLC - Rig 1
 Elevation: 2837 GL
 Field Name: Paris
 Pool: WILDCAT
 Job Number: 607
 API #: 15-101-22680

Operation:
 Uploading recovery & pressures

DATE
 October
05
 2022

DST #4 **Formation: LKC L** **Test Interval: 4334 - 4361'** **Total Depth: 4361'**
 Time On: 20:05 10/05 Time Off: 02:47 10/06
 Time On Bottom: 22:46 10/05 Time Off Bottom: 00:46 10/06

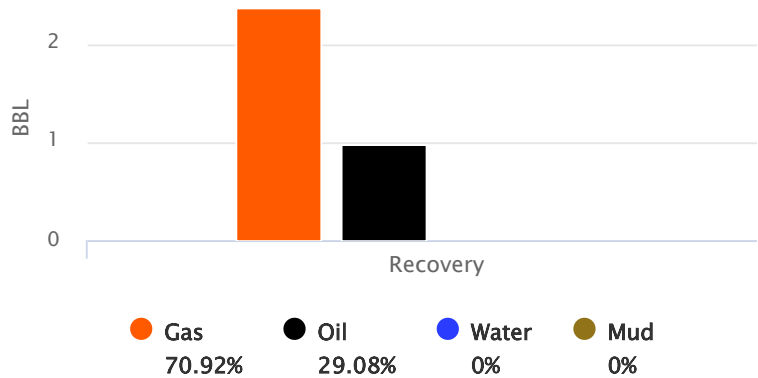
| Recovered | | Description of Fluid | Gas % | Oil % | Water % | Mud % |
|-----------|--------|----------------------|-------|-------|---------|-------|
| Foot | BBLs | | | | | |
| 190 | 1.9494 | G | 100 | 0 | 0 | 0 |
| 135 | 1.3851 | HGCO | 30 | 70 | 0 | 0 |

Total Recovered: 325 ft
 Total Barrels Recovered: 3.3345

Reversed Out
 NO

| | | |
|---|------------|------------|
| Initial Hydrostatic Pressure | 2166 | PSI |
| Initial Flow | 15 to 37 | PSI |
| Initial Closed in Pressure | 672 | PSI |
| Final Flow Pressure | 42 to 61 | PSI |
| Final Closed in Pressure | 640 | PSI |
| Final Hydrostatic Pressure | 2120 | PSI |
| Temperature | 126 | °F |
| Pressure Change Initial Close / Final Close | 4.8 | % |

Recovery at a glance



GIP cubic foot volume: 13.2779



**Company: Palomino Petroleum,
Inc.**

Lease: Ehmke Trust #1

SEC: 23 TWN: 19S RNG: 29W
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Exploration, LLC - Rig 1
Elevation: 2837 GL
Field Name: Paris
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| | | | |
|---------------|-----------------------------|--|---------------------------|
| DST #4 | Formation: LKC L | Test Interval: 4334 - 4361' | Total Depth: 4361' |
| | Time On: 20:05 10/05 | Time Off: 02:47 10/06 | |
| | Time On Bottom: 22:46 10/05 | Time Off Bottom: 00:46 10/06 | |

BUCKET MEASUREMENT:

1st Open: Surface blow built to BoB at 23 mins
1st Close: Surface blow started @ 7 mins built to .75
2nd Open: Surface blow built to 10
2nd Close: Surface blow started at 3 mins built to 1

REMARKS:

Gravity: 34.7 @ 60 °F



Company: Palomino Petroleum, Inc.

Lease: Ehmke Trust #1

SEC: 23 TWN: 19S RNG: 29W
County: LANE
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DST #4 Formation: LKC L Test Interval: 4334 - 4361' Total Depth: 4361'
Time On: 20:05 10/05 Time Off: 02:47 10/06
Time On Bottom: 22:46 10/05 Time Off Bottom: 00:46 10/06

Down Hole Makeup

| | |
|--|---------------------------------|
| Heads Up: 6.5099999999996 FT | Packer 1: 4329 FT |
| Drill Pipe: 4307.94 FT <i>ID-3 1/4</i> | Packer 2: 4334 FT |
| Weight Pipe: FT <i>ID-2 7/8</i> | Top Recorder: 4318.42 FT |
| Collars: 0 FT <i>ID-2 1/4</i> | Bottom Recorder: 4362 FT |
| Test Tool: 33.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i> | Well Bore Size: 7 7/8 |
| | Surface Choke: 1" |
| | Bottom Choke: 5/8" |

Total Anchor: 27

Anchor Makeup

Packer Sub: 1 FT

Perforations: (top): 26 FT
4 1/2-FH

Change Over: FT

Drill Pipe: (in anchor): FT
ID-3 1/4

Change Over: FT

Perforations: (below): FT
4 1/2-FH



**Company: Palomino Petroleum,
Inc.
Lease: Ehmke Trust #1**

SEC: 23 TWN: 19S RNG: 29W
County: LANE
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Drilling Contractor: L. D. Drilling &
Exploration, LLC - Rig 1
Elevation: 2837 GL
Field Name: Paris
Pool: WILDCAT
Job Number: 607
API #: 15-101-22680

Operation:

Uploading recovery &
pressures

DATE

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DST #4 Formation: LKC L Test Interval: 4334 - Total Depth: 4361'
4361'

Time On: 20:05 10/05

Time Off: 02:47 10/06

Time On Bottom: 22:46 10/05

Time Off Bottom: 00:46 10/06

Mud Properties

Mud Type: Chem

Weight: 9.2

Viscosity: 54

Filtrate: 9.6

Chlorides: 4000 ppm



Company: Palomino Petroleum, Inc.
Lease: Ehmke Trust #1

SEC: 23 TWN: 19S RNG: 29W
 County: LANE
 State: KS
 Drilling Contractor: L. D. Drilling & Exploration, LLC - Rig 1
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DST #4 Formation: LKC L Test Interval: 4334 - 4361' Total Depth: 4361'
 Time On: 20:05 10/05 Time Off: 02:47 10/06
 Time On Bottom: 22:46 10/05 Time Off Bottom: 00:46 10/06

Gas Volume Report

| 1st Open | | | |
|----------|---------|-----|-------|
| Time | Orifice | PSI | MCF/D |

| 2nd Open | | | |
|----------|---------|-----|-------|
| Time | Orifice | PSI | MCF/D |

