

Kansas Corporation Commission Oil & Gas Conservation Division

1088914

Form ACO-1 June 2009 Form Must Be Typed Form must be Signed All blanks must be Filled

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

| OPERATOR: License # | API No. 15 |
|--|--|
| Name: | Spot Description: |
| Address 1: | SecTwpS. R |
| Address 2: | Feet from North / South Line of Section |
| City: | Feet from East / West Line of Section |
| Contact Person: | Footages Calculated from Nearest Outside Section Corner: |
| Phone: () | □NE □NW □SE □SW |
| CONTRACTOR: License # | County: |
| Name: | Lease Name: Well #: |
| Wellsite Geologist: | Field Name: |
| Purchaser: | Producing Formation: |
| Designate Type of Completion: | Elevation: Ground: Kelly Bushing: |
| New Well Re-Entry Workover | Total Depth: Plug Back Total Depth: |
| | Amount of Surface Pipe Set and Cemented at: Feet |
| Gas D&A ENHR SIGW | Multiple Stage Cementing Collar Used? Yes No |
| ☐ OG ☐ GSW ☐ Temp. Abd. | If yes, show depth set: Feet |
| CM (Coal Bed Methane) | If Alternate II completion, cement circulated from: |
| Cathodic Other (Core, Expl., etc.): | feet depth to:w/sx cmt |
| If Workover/Re-entry: Old Well Info as follows: | |
| Operator: | Drilling Fluid Management Plan |
| Well Name: | (Data must be collected from the Reserve Pit) |
| Original Comp. Date: Original Total Depth: | Chloride content:ppm Fluid volume:bbls |
| ☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD | Dewatering method used: |
| Conv. to GSW | |
| Plug Back: Plug Back Total Depth | Location of fluid disposal if hauled offsite: |
| Commingled Permit #: | Operator Name: |
| Dual Completion Permit #: | Lease Name: License #: |
| SWD Permit #: | Quarter Sec Twp S. R |
| ENHR Permit #: | County: Permit #: |
| GSW Permit #: | County Permit # |
| Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date | |

AFFIDAVIT

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

Submitted Electronically

| KCC Office Use ONLY |
|------------------------------------|
| Letter of Confidentiality Received |
| Date: |
| Confidential Release Date: |
| Wireline Log Received |
| Geologist Report Received |
| UIC Distribution |
| ALT I I II Approved by: Date: |

Side Two



| Operator Name: | | | Lease Name | e: | | | _ Well #: | |
|--|--|--|-------------------------------|--|--------------------------|---|-------------------|---------------------|
| Sec Twp | S. R | East West | County: | | | | | |
| time tool open and clos | sed, flowing and shut s if gas to surface tes | I base of formations per in pressures, whether set, along with final chart well site report. | shut-in pressure | reached s | static level, | hydrostatic press | sures, bottom h | ole temperature, fl |
| Orill Stem Tests Taken (Attach Additional S | | Yes No | | Log | Formatio | n (Top), Depth an | d Datum | Sample |
| Samples Sent to Geolo | | ☐ Yes ☐ No | N | lame | | | Тор | Datum |
| Cores Taken Electric Log Run Electric Log Submitted (If no, Submit Copy) | I Electronically | Yes No Yes No Yes No | | | | | | |
| List All E. Logs Run: | | | RECORD [| | Used | | | |
| | Size Hole | Report all strings set- Size Casing | -conductor, surface Weight | | ate, producti Setting | on, etc. Type of | # Sacks | Type and Percen |
| Purpose of String | Drilled | Set (In O.D.) | Lbs. / Ft. | | Depth | Cement | Used | Additives |
| | | ADDITIONA | L OFMENTING (| 00115575 | DECORD | | | |
| | | ADDITIONA | L CEMENTING / : | SQUEEZE | RECORD | | | |
| Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone | Depth Top Bottom | Type of Cement | # Sacks Used | d | | Type and F | Percent Additives | |
| | | | | | | | | |
| Shots Per Foot | | ON RECORD - Bridge Plu ootage of Each Interval Pe | | | | cture, Shot, Cement mount and Kind of Ma | • | d Depth |
| | | | | | | | | |
| TUBING RECORD: | Size: | Set At: | Packer At: | Line | r Run: | Yes No | | |
| Date of First, Resumed I | Production, SWD or ENI | HR. Producing Me | thod: | Gas Li | ift C | Other (Explain) | | |
| Estimated Production Per 24 Hours | Oil E | Bbls. Gas | Mcf | Water | В | bls. (| Gas-Oil Ratio | Gravity |
| DISPOSITIO | Used on Lease | Open Hole | METHOD OF COM | MPLETION: ually Comp omit ACO-5) | . Cor | nmingled mit ACO-4) | PRODUCTIO | ON INTERVAL: |
| (If vented, Sub | mit ACO-18.) | Other (Specify) _ | | | | | | |

| Form | ACO1 - Well Completion |
|-----------|--------------------------|
| Operator | Palomino Petroleum, Inc. |
| Well Name | Atwell 'TM' 1 |
| Doc ID | 1088914 |

Tops

| Name | Тор | Datum |
|--------------|------|---------|
| Anhy. | 1995 | (+608) |
| Base Anhy. | 2925 | (+578) |
| Topeka | 3603 | (-1000) |
| Heebner | 3857 | (-1254) |
| Toronto | 3879 | (-1276) |
| Lansing | 3902 | (-1299) |
| ВКС | 3234 | (-1631) |
| Marmaton | 4257 | (-1654) |
| Pawnee | 4366 | (-1763) |
| Ft. Scott | 4420 | (-1817) |
| Cherokee Sh. | 4442 | (-1839) |
| Cherokee Sd. | 4496 | (-1893) |
| Miss. | 4519 | (-1916) |
| LTD | 4559 | (-1956) |



PO Box 93999 Southlake, TX 76092

Voice:

(817) 546-7282

Fax:

(817) 246-3361

Bill To:

Palomino Petroleum, Inc. 4924 SE 84th St.

Newton, KS 67114-8827

INVOICE

Invoice Number: 131300

Invoice Date: May 24, 2012

Page:



| Customer ID | Well Name# or Customer P.O. | Paymen | t Terms |
|--------------|-----------------------------|--------------|-----------|
| Palo | Atwell#! | Net 30 | Days |
| Job Location | Camp Location | Service Date | Due Date. |
| KS1-03 | Great Bend | May 24, 2012 | 6/23/12 |

RECEIVED

JUN 0 2 2012

| Quantity | Item | Description | Unit Price | Amount |
|----------|--------------|-----------------------|------------|----------|
| 168.00 | MAT | Class A Common | 16.25 | 2,730.00 |
| 112.00 | MAT | Pozmix | 8.50 | 952.00 |
| 10.00 | MAT | Gel | 21.25 | 212.50 |
| 70.00 | MAT | FloSeal | 2.70 | 189.00 |
| 301.00 | SER | Handling | 2.10 | 632.10 |
| 40.00 | SER | Ton Miles | 29.54 | 1,181.58 |
| 1.00 | SER | Rotary Plug | 1,250.00 | 1,250.00 |
| 40.00 | SER | Heavy Vehicle Mileage | 7.00 | 280.00 |
| 40.00 | SER | Light Vehicle Mileage | 4.00 | 160.00 |
| 1.00 | EQUIP OPER | Dustin Chambers | | |
| 1.00 | EQUIP OPER | Woody O'Neil | | |
| 1.00 | EQUIP OPER | Joel Monahan | | |
| | | | | |
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| | | | | |
| | | | | |
| | ENET DAVABLE | Subtotal | | 7.587.18 |

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

\$189679

ONLY IF PAID ON OR BEFORE
Jun 18, 2012

| Subtotal | 7,587.18 |
|------------------------|----------|
| Sales Tax | 477.99 |
| Total Invoice Amount | 8,065.17 |
| Payment/Credit Applied | , |
| TOTAL | 8,065,17 |

ALLIEL OIL & GAS SERVICES, LLC 053619

Federal Tax I.D.# 20-5975804

| REMIT TO P.O. B RUSS | | NSAS 676 | 65 | | | SERV | VICE POINT: | hearins |
|-------------------------|---|---|-------------------------------|--|------------|--|-------------------|-----------------|
| DATE 5-24-12 | SEC. | TWP. | RANGE | CALLED OUT | ON LO | CATION | JOB START | JOB FINISH |
| LEASE ATURNIT | WELL# | _/. | LOCATION K4 | r SOUTRA 65 | 5 24 | £ | COUNTY | STATE Eurzas |
| OLD OR NEW (Cir | cle one) | | 1612TO | | ······ | | J | |
| CONTRACTOR | ww | 12/1/11 | 'ng | OWNER | | | | |
| TYPE OF JOB | MA | , | | | | | | |
| | 55/45 | T.D | | CEMENT | | 26 | . | |
| TUBING SIZE 7 | 172 | | PTH DTU | AMOUNTOR | DEKED | 100 | 15F5 60 | 14-ClossA |
| | 1/2 | | <u>PTH</u> PTH <i>2010</i> | ион рог | - 47. | gei | 74 -10-5 | 237 |
| TOOL | | | PTH 2010 | | | | | |
| PRES. MAX | | | NIMUM | | ل و د د | | ~ · · ~ ~ | 7772 00 |
| MEAS. LINE | | | | COMMON | | | _@ <i>16.23</i> _ | 2730.00 |
| CEMENT LEFT IN | CSG | | OE JOINT | POZMIX | | | _@ <u>₹∙১८</u> | 952.00 |
| PERFS. | CSG. | <i>P 11</i> | | GEL | 10 | | _@ <u>2125</u> _ | 212.50 |
| DISPLACEMENT | | | | CHLORIDE _ | | | @ | |
| DISPLACEMENT | | est word | | ASC | _ 1 | | | |
| | EQI | JIPMENT | • | 11000 | 81 | 70 | (A) | 189.00 |
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| | HELPER | | | | | | @ | |
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| | | | | MILEAGE 1 | 2.57) | 40 | 2.3 <i>5</i> | 1181.38 |
| | RE | MARKS: | | | | | TOTAL | <u>5.897.18</u> |
| Fill Hole 2 | 20 | e 1. 1 | • | | | | 201712 | |
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| 57h 60 | | 20 5KS | | PUMP TRUCI | K CHAK | UE | <u> 1256</u> | |
| RH | | 10 5/25 | | EXTRA FOOT | | | | 280.00 |
| Plug Do | | 7, 7, 7 | | MILEAGE | | -7/2 | 0 2.00 | 740.00 |
| - rag roc | <u>~~</u> | ************ | | — MANIFOLD | | | @ | 17.00 |
| | | | | | hum | <u> 40</u> | @ 4.00 | 160.00 |
| |) / | , |) , | | | | @ | |
| CHARGE TO: $\angle R$ | 9/ 0m | tm P | etroleum | | | | TOT 4 1 | 1690.00 |
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| CITY | CT. | ATE | 71D | | | | | |
| C111 | J I | AIE | | ************ | PLUG & | FLOA | T EQUIPME | NT |
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| | | | | | | | @ | |
| To: Allied Oil & C | | - | | | | | | |
| You are hereby red | quested t | to rent cer | nenting equipme | ent ———— | | | | |
| and furnish cemen | iter and l | helper(s) t | o assist owner or | | | | @ | |
| contractor to do w | ork as is | listed. T | he above work w | vas | | | | |
| done to satisfactio | n and su | pervision | of owner agent of | or | | | TOTAL | L |
| contractor. I have | | | | | | | | |
| TERMS AND CO | | | | SALES TAX (| (If Any) - | | ····· | |
| THUM OUT CO | ~ · · · · · · · · · · · · · · · · · · · | 11310 | | mam | D. G. T. | 7-55 | 17.18 | |
| i | No /7 | 1 4 | " / 5 | TOTAL CHAI | KGES | <u>, & &</u> | 10.79 | |
| PRINTED NAME | X. (All | <u> 11.01 / 140.</u> | WINTER THE | TOTAL CHAI | · | | TIF PA | ID IN 30 DAYS |
| - | /1/ | 77 | | | - | | | |
| | / ///. | - | 100 | | 5 | . 67 | 0. 20 | |



PO Box 93999 Southlake, TX 76092

Voice:

(817) 546-7282

Fax:

(817) 246-3361

Bill To:

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

Invoice Number: 131181

Invoice Date: May 15, 2012

Page: 1



| Palo | Atwell 'TM' #1 | Net 30 I | Days |
|--------------|----------------|--------------|----------|
| Job Location | Camp Location | Service Date | Due Date |
| KS1-01 | Great Bend | May 15, 2012 | 6/14/12 |

RECEIVED

MAY 2 5 2012

| Quantity | Item | Description | Unit Price | Amount |
|----------|--|-----------------------|------------|----------|
| 150.00 | MAT | Class A Common | 16.25 | 2,437.50 |
| 3.00 | MAT | Gel | 21.25 | 63.75 |
| 5.00 | MAT | Chloride | 58.20 | 291.00 |
| 162.50 | SER | Handling | 2.10 | 341.25 |
| 40.00 | SER | Ton Miles | 17.39 | 695.60 |
| 1.00 | SER | Surface | 1,125.00 | 1,125.00 |
| 40.00 | SER | Heavy Vehicle Mileage | 7.00 | 280.00 |
| 40.00 | SER | Light Vehicle Mileage | 4.00 | 160.00 |
| 1.00 | EQUIP OPER | Greg Redetzke | | |
| 1.00 | EQUIP OPER | Kevin Eddy | | |
| 1.00 | OPER ASSIST | Marlyn Spangenberg | | |
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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



ONLY IF PAID ON OR BEFORE
Jun 9, 2012

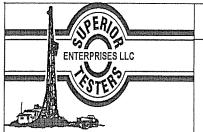
| Subtotal | 5,394.10 |
|------------------------|----------|
| Sales Tax | 175.91 |
| Total Invoice Amount | 5,570.01 |
| Payment/Credit Applied | |
| TOTAL | 5,570.01 |

ALLIED OIL & GAS SERVICES, LLC 053537

Federal Tax I.D.# 20-5975804

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

| RUSS | ELL, KAN | NSAS 676 | 65 | | ODIC | TENT | Ben & to |
|------------------------------------|---|---|--------------------------------------|---|---------------------------|--------------|---|
| 5- 15-12 Date. | SEC. | TWP. | RANGE JTW | CALLED OUT | ON LOCATION | JOB START | JOB FINISH |
| Atwell | WELL# | / | | eun Ks 1/20 | / | COUNTY | STATE |
| OLD OR NEW (Cir | | | Touthe 10 | ent ent | east la | Lane | 1 1/3 |
| CONTRACTOR | *************************************** | Wu | a soften | , | Ω I | _ | |
| CONTRACTOR TYPE OF JOB | | | FACE | OWNER | 19/0mi | 10 | |
| HOLE SIZE | 1211 | (/ TD | | CEMENT | | | |
| CASING SIZE | (37/9 | | . <u>スプァ</u> PTH <i>さるシ</i> | _ CEMENT | DERED 150 | -6- | Class |
| TUBING SIZE | | | PTH | | DERED 100 | | 1660 |
| DRILL PIPE | *************************************** | | PTH | | " CE DE | 10 90 | |
| TOOL | | | PTH | *************************************** | | | |
| PRES. MAX | | MIN | NIMUM | COMMON | 150 | @ 16.25 | 2.437.5 |
| MEAS. LINE | | SHO | DE JOINT | POZMIX | | @ | |
| CEMENT LEFT IN | CSG. | , | 1544 | GEL | 3 | | 63.75 |
| PERFS. | | | | CHLORIDE _ | 5 | @ 58.20 | 291.00 |
| DISPLACEMENT | | 13. | 19 | ASC | | @ | |
| | EQU | IPMENT | | | | @ | |
| | | | | | | @ | |
| PUMPIRUCK C | EMENTE | ER | Oce A | | | _@ | 7 |
| reach f f | IELPER | | KevinE | *************************************** | | _@ | |
| BULK TRUCK | | | 7 | | | _@ | |
| #344-1700 | RIVER | | Warelyen | *************************************** | × | _ @ | |
| BULK TRUCK | | *************************************** | | | | _@ | |
| # D | RIVER | | | | 5 | _@ | |
| | | | | - HANDLING_ | | @ 2.10 | 341.25 |
| Pipe ou botto | Www. | IARKS: | cas w/r | <u>É</u> | -4 x 40 x · 8 | | 3.829. |
| The Class | | is plantime ! | 2% acl. | <u> </u> | SERVI | CE | |
| Displace W | 1/21 | 19 381 | Arest wit | ← DEPTH OF IO | В | 222 | |
| Shat I'm | | | Sild circ. | | CHARGE | 1/7 | 500 |
| Ma down | | | | | AGE | 0 | / |
| 7)/ | | 7 | ing | | Hum 40 | | 284.00 |
| 1/aad | OWIN | (4) | 1500 Dec | - MANIFOLD_ | | | 2001 |
| , 0 | \wedge | | / / | - WANTED | Lum 40 | @ 4.00 | 160,00 |
| | 11 1 | | | | | @ | |
| CHARGE TO: | 17/0 | inc/ no | | | | | |
| | | × 2 27 (Face) | | - | | TOTAL | 1565.00 |
| STREET | | | | | | IOIA | , <u>, , , , , , , , , , , , , , , , , , </u> |
| CITY | STA | TE | ZIP | | | | |
| | | | | i | PLUG & FLOAT | LEQUIPME | A.I. |
| | | | | *************************************** | | @ | |
| | | | | | | _@ | *************************************** |
| To: Allied Oil & G | as Servic | es. LLC. | | | | @ | |
| You are hereby req | | | enting equipment | | | | |
| and furnish cement | | | | | | @ | |
| | | | | | | | |
| contractor to do m | | icted Th | e ahoue work was | | | | |
| done to satisfaction | ork as is l | | e above work was | | | TOTAL | |
| done to satisfaction | ork as is I and supe | ervision o | of owner agent or | | | TOTAL | |
| contractor. I have a | ork as is I and superead and | ervision o understar | of owner agent or ad the "GENERAL | | f Any) | TOTAI | |
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| contractor. I have a | ork as is I and superead and | ervision o understar | of owner agent or ad the "GENERAL | SALES TAX (| | | |
| contractor. I have a | ork as is I and superead and | ervision o understar | of owner agent or ad the "GENERAL | SALES TAX (I TOTAL CHAR 25% | fAny) GES <u>539</u> 5 | 1.16 4.52 | |
| contractor. I have a TERMS AND COM | ork as is I and superead and | ervision o understar | of owner agent or ad the "GENERAL | SALES TAX (| | 1.16 4.52 | ID IN 30 DAYS |



Palomino Petroleum

23/17S/27W Lane Co.

Atwell "TM"#1

4924 Southest 84 Street Newton, Kansas

Job Ticket: 17345

DST#: 1

67114+8827 ATTN: Ryan Seib

Test Start: 2012.05.20 @ 06:47:00

GENERAL INFORMATION:

Formation:

Lansing

No

Deviated:

Whipstock:

ft (KB)

Test Type:

Conventional Bottom Hole (Initial

Time Tool Opened: 08:45:30

Tester:

Dylan E ⊟lis

Time Test Ended: 12:28:30

Unit No:

3345/Great Bend/180

Interval:

4042.00 ft (KB) To 4124.00 ft (KB) (TVD)

Reference Elevations:

2603.00 ft (KB)

Total Depth:

4124.00 ft (KB) (TVD)

Outside

1ST Shut-In

2595.00 ft (CF) KB to GR/CF: 8.00 ft

Hole Diameter:

7.88 inches Hole Condition: Fair

Serial #: 6666

Press@RunDepth:

TEST COMMENT: 1ST Opening

101.38 psia @

4120.43 ft (KB) End Date:

2012.05.20

Capacity: Last Calib.: 5000.00 psia

Start Date: Start Time:

2012.05.20

2012.05.20

06:48:00

End Time:

12:28:30

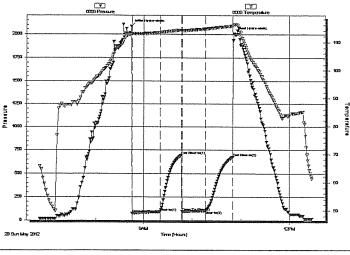
Time On Btm: Time Off Btm: 2012.05.20 @ 08:44:30

2012.05.20 @ 10:51:30

30 Minutes very very weak blow /blow blew 0.50 inches into bucket of water

30 Minutes no blow back 30 Minutes opened tool/good 5 bubble surge/blow dead after that

2ND Opening 2ND Shut-In 30 Minutes no blow back



Pressure vs. Time

| | PRESSURE SUMMARY | | | | | | |
|------------|------------------|----------|---------|----------------------|--|--|--|
| | Time | Pressure | Temp | Annotation | | | |
| | (Min.) | (psia) | (deg F) | | | | |
| 10 | 0 | 2080.09 | 112.66 | Initial Hydro-static | | | |
| | 1 | 71.02 | 112.92 | Open To Flow (1) | | | |
| 90 | 36 | 89.62 | 113.27 | Shut-ln(1) | | | |
| | 62 | 693.16 | 114.16 | End Shut-In(1) | | | |
| , 1 8 | 63 | 92.42 | 113.99 | Open To Flow (2) | | | |
| Temperatur | 92 | 101.38 | 114.60 | Shut-In(2) | | | |
| ž | 126 | 675.62 | 115.64 | End Shut-In(2) | | | |
| 3 | 127 | 2004.42 | 116.20 | Final Hydro-static | | | |
| | | | | | | | |
| • | | | | | | | |
| | | | | | | | |
| 2 | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Length (ft) Description Volume (bbl) 75.00 Lightly Oil spotted Mud 0.37 Oil-spotted/Mud-100%

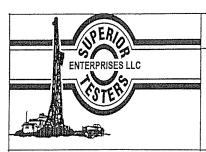
Recovery

0.00 0.00

Gas Rates Choke (inches) Pressure (psia) Gas Rate (M

Superior Testers Enterprises LLC

Ref. No: 17345



Palomino Petroleum

23/17S/27W Lane Co.

4924 Southest 84 Street

Atwell " TM " #1

New ton, Kansas 67114+8827

Job Ticket: 17345

DST#: 1

ATTN: Ryan Seib

Test Start: 2012.05.20 @ 06:47:00

GENERAL INFORMATION:

Formation: Deviated:

Lansing

No

ft (KB)

Test Type:

Conventional Bottom Hole (Initial)

Time Tool Opened: 08:45:30

Tester:

Dylan E ⊟lis

Time Test Ended: 12:28:30

Unit No:

3345/Great Bend/180

Interval: Total Depth: 4042.00 ft (KB) To 4124.00 ft (KB) (TVD)

Reference Elevations:

2603.00 ft (KB) 2595.00 ft (CF)

4124.00 ft (KB) (TVD)

Whipstock:

Hole Diameter:

7.88 inches Hole Condition: Fair

KB to GR/CF:

8.00 ft

Serial #: 8419 Press@RunDepth: Inside

687.01 psia @ 4119.43 ft (KB)

Capacity:

5000.00 psia

Start Date:

2012.05.20

End Date:

Last Calib.: 2012.05.20 Time On Btm:

2012.05.20

Start Time:

06:48:00

End Time:

12:27:00

2012.05.20 @ 08:42:00

Time Off Btm:

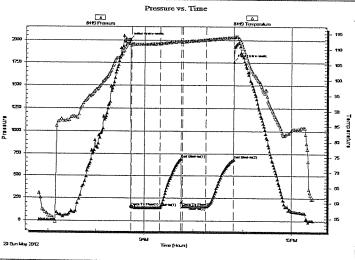
2012.05.20 @ 10:49:00

TEST COMMENT: 1ST Opening 30 Minutes very very weak blow /blow blew 0.50 inches into bucket of water

30 Minutes no blow back

1ST Shut-In 2ND Shut-In

2ND Opening 30 Minutes opened tool/good 5 bubble surge/blow dead after that 30 Minutes no blow back



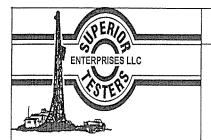
| | PRESSURE SUMMARY | | | | | |
|-------------|------------------|----------|---------|----------------------|-------|--|
| | Time | Pressure | Temp | Annotation | | |
| | (Min.) | (psia) | (deg F) | | | |
| | 0 | 2009.16 | 111.74 | Initial Hydro-static | - 2 | |
| | 2 | 153.75 | 111.59 | Open To Flow (1) | 12.48 | |
| | 38 | 150.07 | 111.74 | Shut-In(1) | .17 | |
| | 63 | 695.70 | 112.41 | End Shut-In(1) | 4508 | |
| ī em | 65 | 156.14 | 112.34 | Open To Flow (2) | 14.9) | |
| Temperature | 93 | 155.68 | 112.93 | Shut-In(2) | - 2 | |
| 17 | 127 | 687.01 | 113.81 | End Shut-In(2) | | |
| | 127 | 1765.49 | 114.36 | Final Hydro-static | | |
| | | | | - | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | j | |

| | Recovery | |
|-------------|-------------------------|--------------|
| Length (ft) | Description | Volume (bbl) |
| 75.00 | Lightly Oil spotted Mud | 0.37 |
| 0.00 | Oil-spotted/Mud-100% | 0.00 |
| | | |
| | | |
| | | |
| | | |

Gas Rates Choke (inches) Pressure (psia) Gas Rate (Mct/s

Superior Testers Enterprises LLC

Ref. No: 17345



TOOL DIAGR

Palomino Petroleum

23/17S/27W Lane Co.

Atwell " TM " #1

Job Ticket: 17345

DST#: 1

Test Start: 2012.05.20 @ 06:47:00

4924 Southest 84 Street Newton, Kansas 67114+8827

ATTN: Ryan Seib

Tool Information

Drill Pipe Above KB:

Number of Packers:

Tool Length:

Drill Pipe: Length: 3922.00 ft Diameter: Heavy Wt. Pipe: Length: Drill Collar:

Length:

0.00 ft Diameter: 122.32 ft Diameter: 22.32 ft

3.80 inches Volume: 0.00 inches Volume: 2.24 inches Volume: Total Volume: 55.62 bbl

55.02 bbl 0.00 bbl 0.60 bbl

Weight set on Packer: 20000.00 lb Weight to Pull Loose: 32000.00 lb

Tool Weight:

2000.00 lb

Tool Chased

0.00 ft

String Weight: Initial 44000.00 lb Final 44000.00 lb

Printed: 2012.05.23 @ 22:02:15

Depth to Top Packer: Depth to Bottom Packer: Interval between Packers:

ft

4042.00 ft

81.43 ft 101.43 ft

2 Diameter:

6.75 inches

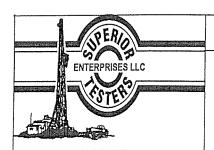
Tool Comments: Thank You for the work.

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths | |
|------------------|-------------|------------|----------|------------|----------------|------------------------|
| Shut-In Tool | 5.00 | | | 4027.00 | | |
| Hydrolic Tool | 5.00 | | | 4032.00 | | |
| Packer | 5.00 | | | 4037.00 | 20.00 | Bottom Of Top Pack |
| Packer | 5.00 | | | 4042.00 | | · |
| Anchor | 5.00 | | | 4047.00 | | |
| Change Over Sub | 0.75 | | | 4047.75 | | |
| Drill Pipe | 62.93 | | | 4110.68 | | |
| Change Over Sub | 0.75 | | | 4111.43 | | |
| Anchor | 7.00 | | | 4118.43 | | |
| Recorder | 1.00 | 8419 | Inside | 4119.43 | | |
| Recorder | 1.00 | 6666 | Outside | 4120.43 | | |
| Bull Plug | 3.00 | w | <u>.</u> | 4123.43 | 81.43 | Bottom Packers & Ancho |

Total Tool Length:

101.43

Ref. No: 17345



FLUID SUMMA

Palomino Petroleum

23/17S/27W Lane Co.

4924 Southest 84 Street Newton, Kansas 67114+8827

Atwell "TM"#1

Job Ticket: 17345

DST#: 1

ATTN: Ryan Seib

Test Start: 2012.05.20 @ 06:47:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg Al

Mud Weight: Viscosity:

9.00 lb/gal

Cushion Length:

Water Salinity:

Water Loss:

45.00 sec/qt 8.76 in³

Cushion Volume:

ppm

Resistivity:

ohm.m

Gas Cushion Type: Gas Cushion Pressure:

psia

ft

bbl

Salinity: Filter Cake: 2200.00 ppm 1.00 inches

Recovery Information

Recovery Table

Length Description Volume ft bbl 75.00 Lightly Oil spotted Mud 0.366 0.00 Oil-spotted/Mud-100% 0.000

Total Length:

75.00 ft

Total Volume:

0.366 bbl

Num Fluid Samples: 0

Num Gas Bombs:

Laboratory Location:

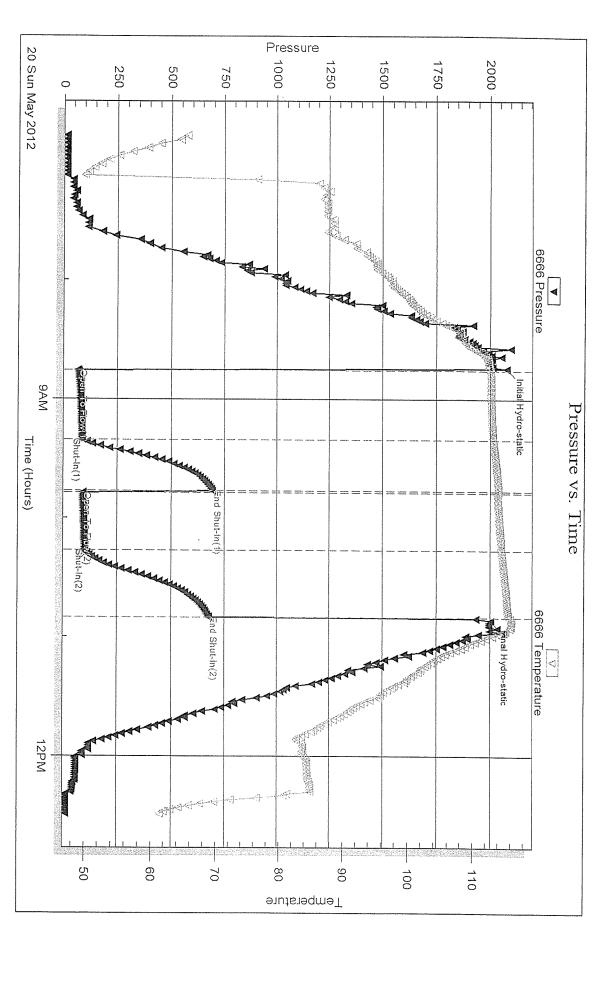
Serial #:

Laboratory Name:

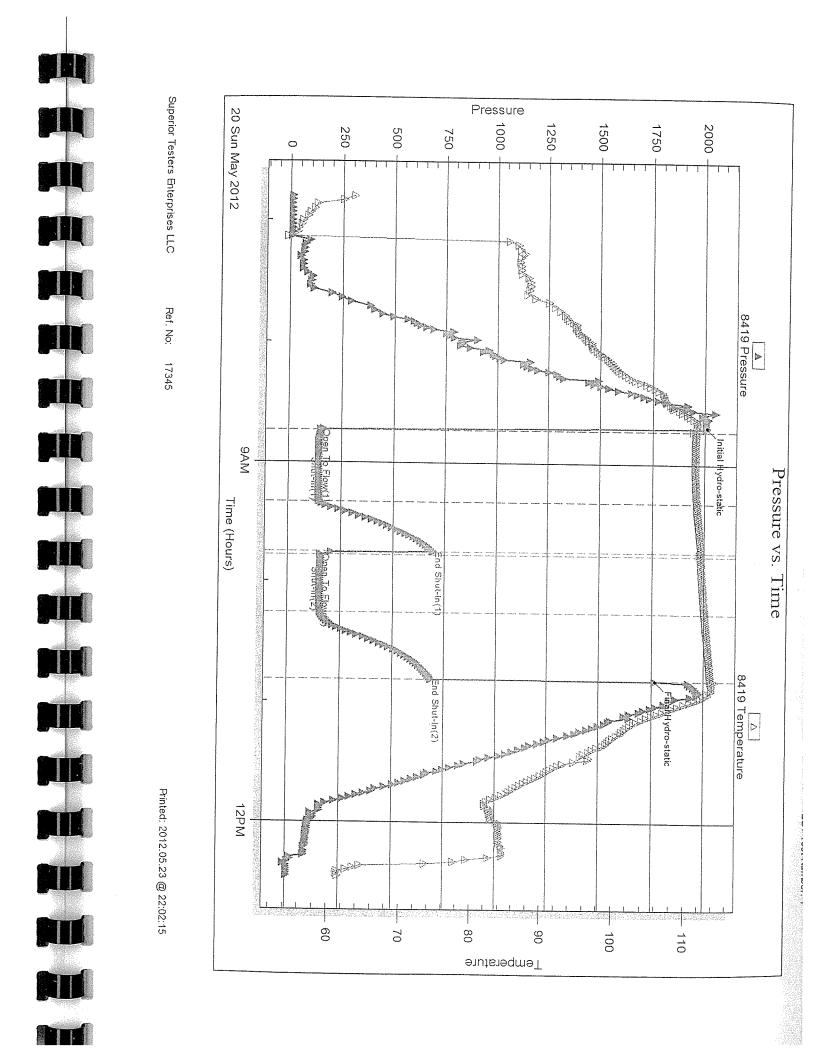
Recovery Comments:

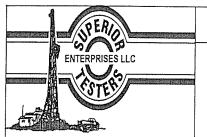
Superior Testers Enterprises LLC

Ref. No: 17345



Printed: 2012.05.23 @ 22:02:15





Palomino Petroleum

23/17S/27W Lane Co.

4924 Southest 84 Street Newton, Kansas 67114+8827 ATTN: Ryan Seib

Atwell "TM"#1

Job Ticket: 17346

DST#: 2

Test Start: 2012.05.20 @ 07:23:00

GENERAL INFORMATION:

Formation:

Lansing

Deviated:

No Whipstock: ft (KB)

Test Type: Conventional Bottom Hole (Initial)

Time Tool Opened: 09:29:00

Time Test Ended: 13:49:00

Tester: Dylan E Ellis

Interval:

4118.00 ft (KB) To 4152.00 ft (KB) (TVD)

7.88 inches Hole Condition: Fair

Unit No:

3345/Ness City/60

Total Depth:

Reference Elevations: 2603.00 ft (KB)

Hole Diameter:

4152.00 ft (KB) (TVD)

KB to GR/CF:

2595.00 ft (CF) 8.00 ft

Serial #: 6666 Press@RunDepth:

Outside

53.27 psia @

4149.00 ft (KB)

Capacity:

5000.00 psia

Start Date:

2012.05.20

End Date:

2012.05.20

Last Calib.:

Start Time:

2012.05.20

07:24:00

End Time:

13:49:00

Time On Btm:

2012.05.20 @ 09:28:00

Time Off Btm:

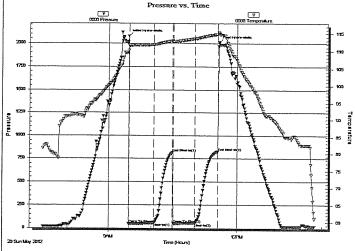
2012.05.20 @ 11:34:00

TEST COMMENT: 1ST Opening 30 Minutes very weak surface blow/blow died in 12 minutes

1ST Shut-In 30 Minutes no blow back

2ND Opening 30 Minutes opened tool/good surge/blow dead after that

2ND Shut-In 30 Minutes no blow back

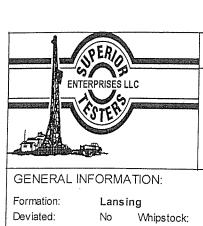


| | PRESSURE SUMMARY | | | | | | |
|------------|------------------|-------------------|-------------------|----------------------|--|--|--|
| ; | Time (Min.) | Pressure | Temp | Annotation | | | |
| r | 0 | (psia) 2072.87 | (deg F) 110.19 | Initial Hydro-static | | | |
| 1 | 1 | 44.70 | 111.62 | Open To Flow (1) | | | |
| ı | 36 | 54.97 | 111.88 | Shut-In(1) | | | |
| | 62 | 812.75 | 112.88 | End Shut-In(1) | | | |
| Tem; | 63 | 48.33 | 112.68 | Open To Flow (2) | | | |
| Temperatur | 93 | 53.27 | 113.51 | Shut-In(2) | | | |
| - | 125 | 824.68 | 114.82 | End Shut-In(2) | | | |
| | 126 | 2006.41 | 115.06 | Final Hydro-static | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------------|--------------|
| 20.00 | Drilling Mud 100% | 0.10 |
| | | |
| | | |
| | | |
| | | |
| | | |

| Gas Rates | | | | |
|----------------|-----------------|--------------|--|--|
| Choke (inches) | Pressure (psia) | Gas Rate (Mo | | |



Palomino Petroleum

23/17S/27W Lane Co.

4924 Southest 84 Street New ton, Kansas 67114+8827

Job Ticket: 17346

Atwell " TM " #1

DST#: 2

ATTN: Ryan Seib

Test Start: 2012.05.20 @ 07:23:00

ft (KB)

Time Tool Opened: 09:29:00 Time Test Ended: 13:49:00 Test Type:

Conventional Bottom Hole (Initial)

Tester: Unit No:

Dylan E Elis 3345/Ness City/60

4118.00 ft (KB) To 4152.00 ft (KB) (TVD)

Interval: Total Depth: Hole Diameter:

4152.00 ft (KB) (TVD)

7.88 inches Hole Condition: Fair

Reference Elevations:

2603.00 ft (KB)

KB to GR/CF:

2595.00 ft (CF) 8.00 ft

Serial #: 8419 Press@RunDepth: Inside

800.98 psia @ 2012.05.20

4148.00 ft (KB) End Date:

Capacity:

5000.00 psia

Start Date: Start Time:

07:24:00

End Time:

2012.05.20 13:49:30

Last Calib.; Time On Btm: 2012.05.21

Time Off Btm:

2012.05.20 @ 09:28:30 2012.05.20 @ 11:34:00

TEST COMMENT: 1ST Opening

1ST Shut-In

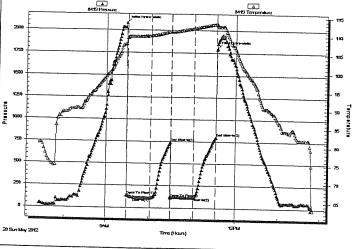
2ND Opening

Pressure vs. Time

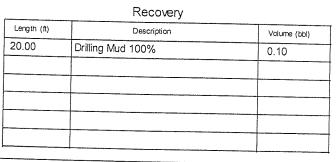
30 Minutes very weak surface blow/blow died in 12 minutes 30 Minutes no blow back

30 Minutes opened tool/good surge/blow dead after that

2ND Shut-In 30 Minutes no blow back



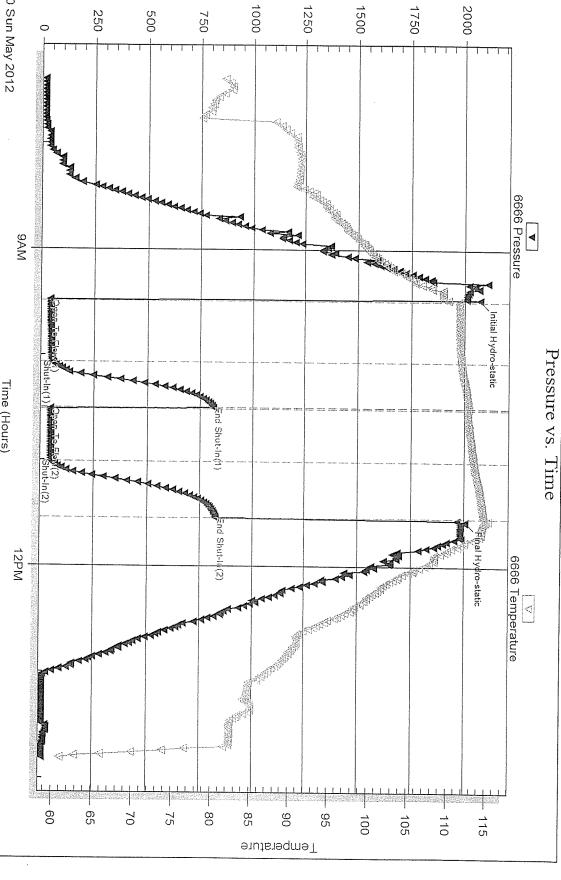
| | | P | RESSUF | RE SUMMARY | | |
|-------------|--------|----------|---------|----------------------|--------|--|
| 5 | Time | Pressure | Temp | Annotation | | |
| 3 | (Min.) | (psia) | (deg F) | | 1.00 | |
| - | 0 | 2082.45 | 107.94 | Initial Hydro-static | -34 | |
| , | 2 | 138.13 | 109.51 | Open To Flow (1) | v15 | |
| • | 34 | 109.85 | 109.95 | Shut-In(1) | - 5434 | |
| | 62 | 744.63 | 111.04 | End Shut-In(1) | | |
| Tem | 63 | 114.79 | 110.96 | Open To Flow (2) | | |
| Temperature | 94 | 120.67 | 111.98 | Shut-In(2) | | |
| • | 125 | 800.98 | 113.16 | End Shut-In(2) | | |
| | 126 | 1802.67 | 112.94 | Final Hydro-static | | |
| - | | | | • | | |
| | | | | | | |
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| - | | | | | | |



| Gas Ra | tes | . 1 |
|----------------|-----------------|------------------|
| Choke (inches) | Pressure (psia) | Gas Rate (Mcf/d) |
| | | |

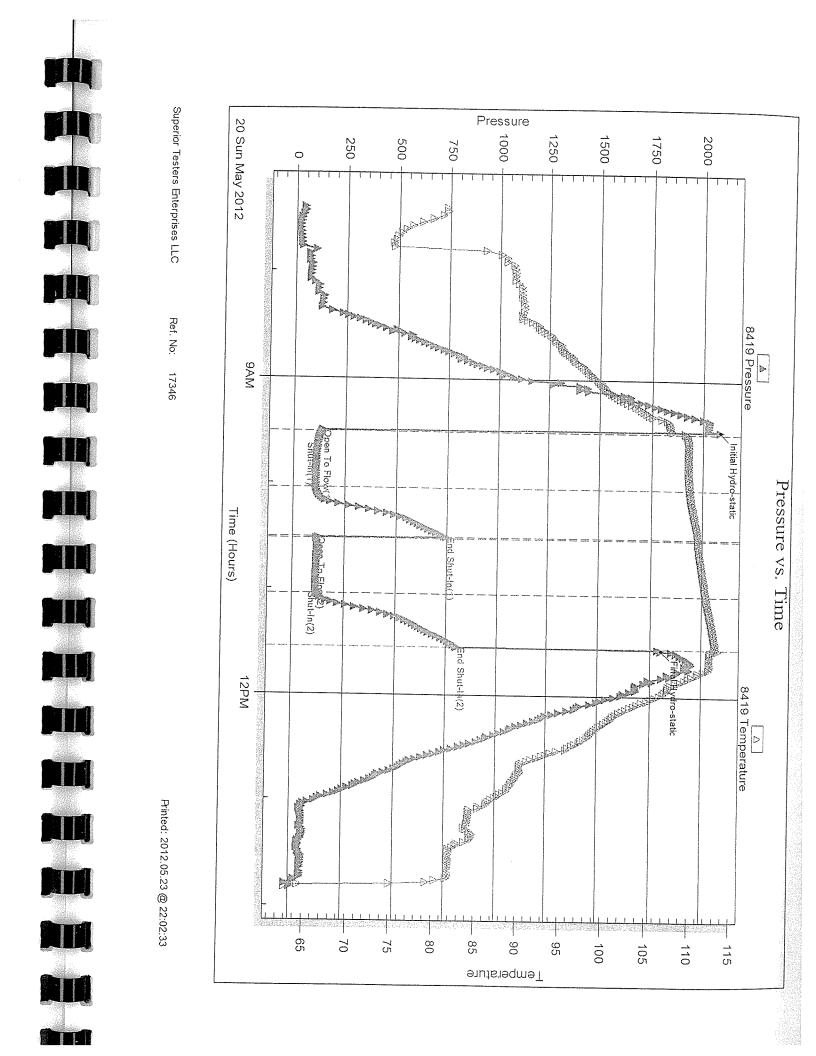
Superior Testers Enterprises LLC

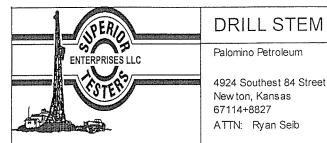
Ref. No: 17346



17346

Printed: 2012.05.23 @ 22:02:32





Palomino Petroleum

23/17S/27W Lane Co.

Atwell "TM "#1

Job Ticket: 17347

DST#: 3

ATTN: Ryan Seib

Test Start: 2012.05.21 @ 10:24:00

GENERAL INFORMATION:

Formation:

Lansing zone L

Deviated:

No

Whipstock:

ft (KB)

Test Type: Conventional Bottom Hole (Initia

Time Tool Opened: 12:16:00

Time Test Ended: 16:15:30

Tester: Unit No:

Ken Sw inney

Interval:

4147.00 ft (KB) To 4192.00 ft (KB) (TVD)

3345 Ness City/60

Total Depth:

Reference Elevations:

2603.00 ft (KB) 2595.00 ft (CF)

Hole Diameter:

4192.00 ft (KB) (TVD)

KB to GR/CF:

7.88 inches Hole Condition: Fair

8.00 ft

Serial #: 6666

Press@RunDepth:

59.64 psia @

Inside

4188.00 ft (KB)

Capacity:

5000.00 psia

Start Date:

2012.05.21

End Date:

2012.05.21

Last Calib.:

Time Off Btm:

Start Time:

10:25:00

End Time:

16:15:30

Time On Btm:

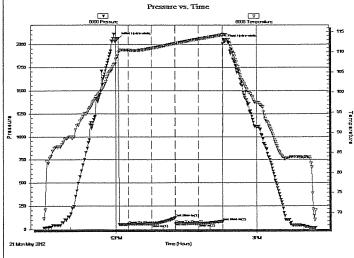
2012.05.21

2012.05.21 @ 12:03:30 2012.05.21 @ 14:19:00

TEST COMMENT: 1ST Open

30 Minutes/Very weak surface blow/Flush tool/Weak surface blow/Blow died in 7 minutes

1ST Shut In 30 Minutes/No blow back 30 Minutes/Dead/No blow 2ND Open 2ND Shut In 30 Minutes/No blow back



| | PRESSURE SUMMARY | | | | | | |
|-------------|------------------|----------|---------|----------------------|--|--|--|
| | Time | Pressure | Temp | Annotation | | | |
| | (Min.) | (psia) | (deg F) | | | | |
| | 0 | 2056.66 | 109.89 | Initial Hydro-static | | | |
| | 13 | 49.67 | 110.42 | Open To Flow (1) | | | |
| | 43 | 56.80 | 110.92 | Shut-In(1) | | | |
| | 73 | 122.13 | 112.09 | End Shut-In(1) | | | |
| 7 8 7 | 73 | 57.47 | 112.09 | Open To Flow (2) | | | |
| Temperature | 102 | 59.64 | 113.20 | Shut-In(2) | | | |
| | 133 | 84.66 | 114.23 | End Shut-In(2) | | | |
| | 136 | 2031.05 | 114.27 | Final Hydro-static | | | |
| | | | | | | | |
| | | | | | | | |
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| | | | | | | | |

Recovery

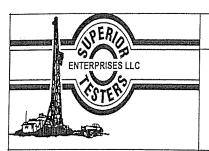
| Length (ft) | Description | Volume (bbl) |
|-------------|--|--------------|
| 10.00 | Mud with show of oil in tool/ Mud 100% | 0.05 |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

Gas Rates

Pressure (psia) Choke (inches) Gas Rate (1

Superior Testers Enterprises LLC

Ref. No: 17347



Palomino Petroleum

23/17S/27W Lane Co.

4924 Southest 84 Street New ton, Kansas 67114+8827

Job Ticket: 17347

Atwell " TM " #1

DST#: 3

ATTN: Ryan Seib

Test Start: 2012.05.21 @ 10:24:00

GENERAL INFORMATION:

Formation:

Lansing zone L

Deviated:

Total Depth:

Whipstock:

ft (KB)

Test Type:

Unit No:

Conventional Bottom Hole (Initial)

Tester:

Ken Sw innev 3345 Ness City/60

Time Test Ended: 16:15:30

Interval:

4147.00 ft (KB) To 4192.00 ft (KB) (TVD)

4192.00 ft (KB) (TVD)

Hole Diameter:

Time Tool Opened: 12:16:00

7.88 inches Hole Condition: Fair

Reference Elevations:

2603.00 ft (KB)

2595.00 ft (CF)

KB to GR/CF:

8.00 ft

Serial #: 8419 Press@RunDepth:

Outside

170.15 psia @

4189.00 ft (KB)

Capacity:

5000.00 psia

Start Date: Start Time:

2012.05.21 10:25:00 End Date: End Time:

2012.05.21 16:15:30 Last Calib .: Time On Btm:

2012.05.21

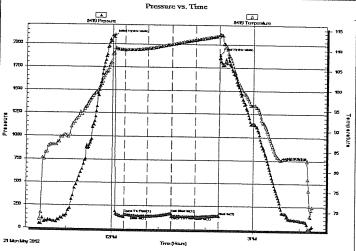
Time Off Btm:

2012.05.21 @ 12:02:30 2012.05.21 @ 14:17:00

TEST COMMENT: 1ST Open

30 Minutes/Very weak surface blow/Flush tool/Weak surface blow/Blow died in 7 minutes

1ST Shut In 30 Minutes/No blow back 2ND Open 30 Minutes/Dead/No blow 2ND Shut In 30 Minutes/No blow back



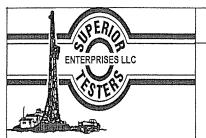
| | PRESSURE SUMMARY | | | | | | |
|-------------|------------------|----------|---------|----------------------|------|--|--|
| | Time | Pressure | Temp | Annotation | | | |
| | (Min.) | (psia) | (deg F) | | | | |
| | 0 | 2075.21 | 109.07 | Initial Hydro-static | | | |
| | 14 | 163.03 | 109.78 | Open To Flow (1) | 18/8 | | |
| | 43 | 136.71 | 110.20 | Shut-In(1) | | | |
| | 74 | 170.15 | 111.27 | End Shut-In(1) | | | |
| 7 | 74 | 141.12 | 111.28 | Open To Flow (2) | | | |
| Temperature | 104 | 134.33 | 112.35 | Shut-In(2) | | | |
| * | 134 | 147.25 | 113.36 | Shut-In(3) | | | |
| | 135 | 1889.75 | 113.74 | Final Hydro-static | | | |
| | | | | · | | | |
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Recovery

| Length (ft) | Description | Volume (bbi) |
|-------------|--|--------------|
| 10.00 | Mud with show of oil in tool/ Mud 100% | 0.05 |
| | | |
| | | |
| | | |
| | | |
| | | |

Gas Rates

Choke (inches) Pressure (psia) Gas Rate (Mct/d



TOOL DIAGF

Palomino Petroleum

23/17S/27W Lane Co.

4924 Southest 84 Street Newton, Kansas 67114+8827

Atwell "TM"#1 Job Ticket: 17347

DST#: 3

ATTN: Ryan Seib

Test Start: 2012.05.21 @ 10:24:00

Tool Information

Drill Pipe: Heavy Wt. Pipe: Length:

Length: 4014.00 ft Diameter:

3.88 inches Volume: 0.00 inches Volume:

58.70 bbl 0.00 bbl 0.59 bbl Tool Weight:

2000.00 lb Weight set on Packer: 20000.00 lb

Drill Collar:

Length:

0.00 ft Diameter: 120.00 ft Diameter:

2.25 inches Volume: 59.29 bbl

Weight to Pull Loose: 58000.00 lb

Drill Pipe Above KB:

15.00 ft 4147.00 ft Total Volume:

Tool Chased

0.00 ft

Depth to Top Packer: Depth to Bottom Packer:

ft

String Weight: Initial 45000.00 lb

Interval between Packers: Tool Length:

45.00 ft 73.00 ft

Final 45000.00 lb

Number of Packers:

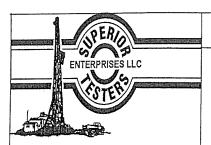
2 Diameter: 6.75 inches

Tool Comments:

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths | |
|------------------|-------------|------------|----------|------------|----------------|-----------------------|
| Shut-In Tool | 5.00 | | | 4124.00 | | |
| Hydrolic Tool | 5.00 | | | 4129.00 | | |
| Jars | 6.00 | | | 4135.00 | | |
| Safety Joint | 2.00 | | | 4137.00 | | |
| Packer | 5.00 | | | 4142.00 | 28.00 | Bottom Of Top Pac |
| Packer | 5.00 | | | 4147.00 | | |
| Anchor | 40.00 | | | 4187.00 | | |
| Recorder | 1.00 | 6666 | Inside | 4188.00 | | |
| Recorder | 1.00 | 8419 | Outside | 4189.00 | | |
| Bull Plug | 3.00 | | | 4192.00 | 45.00 | Bottom Packers & Anch |
| | | | | | | |

Total Tool Length:

73.00



FLUID SUMMA

Palomino Petroleum

23/17S/27W Lane Co.

Atwell " TM " #1

4924 Southest 84 Street New ton, Kansas

Job Ticket: 17347

DST#: 3

ATTN: Ryan Seib

67114+8827

Test Start: 2012.05.21 @ 10:24:00

Mud and Cushion Information

Mud Type: Gel Chem Mud Weight:

9.00 lb/gal 47.00 sec/qt 7.58 in³

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Cushion Type:

Oil API:

deg AP

Water Salinity:

ppm

Water Loss: Resistivity: Salinity:

Filter Cake:

Viscosity:

ohm.m 3000.00 ppm

1.00 inches

psia

ft

bbl

Recovery Information

Recovery Table

Length Description Volume ft bbl 10.00 Mud with show of oil in tool/ Mud 100% 0.049

Total Length:

10.00 ft

Total Volume:

0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: Laboratory Location:

Serial #:

Laboratory Name:

Recovery Comments:

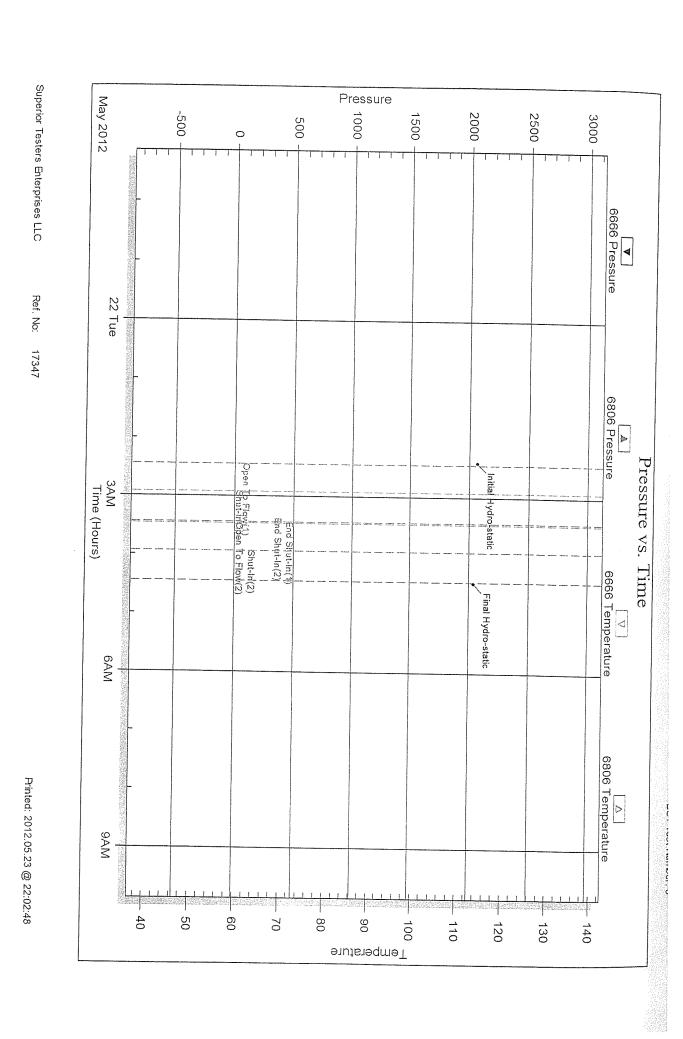
Superior Testers Enterprises LLC

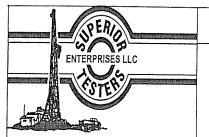
Ref. No: 17347

Temperature

17347

Printed: 2012.05.23 @ 22:02:48





Palomino Petroleum

23/17S/27W Lane Co.

4924 Southest 84 Street New ton, Kansas 67114+8827 ATTN: Ryan Seib

Atwell " TM " #1

Job Ticket: 17348

DST#: 4

Test Start: 2012.05.22 @ 00:13:00

GENERAL INFORMATION:

Formation:

Lansing zone L

Deviated: No ft (KB)

Test Type: Conventional Bottom Hole (Initial)

Time Tool Opened: 02:26:30 Time Test Ended: 06:46:00

Tester:

Ken Sw inney

Interval:

4187.00 ft (KB) To 4230.00 ft (KB) (TVD)

Unit No:

3345 Ness City/60

Total Depth:

4230.00 ft (KB) (TVD)

Whipstock:

Reference Elevations:

2603.00 ft (KB) 2595.00 ft (CF)

Hole Diameter:

7.88 inches Hole Condition: Fair

KB to GR/CF:

8.00 ft

Serial #: 6666

Outside Press@RunDepth:

100.91 psia @

4227.00 ft (KB)

Capacity:

Start Date:

2012.05.22

End Date:

2012.05.22

Last Calib.:

5000.00 psia

Start Time:

00:14:00

End Time:

06:46:00

2012.05.22 Time On Btm:

Time Off Btm:

2012.05.22 @ 02:24:00 2012.05.22 @ 04:27:30

TEST COMMENT: 1ST Open

2ND Open

30 Minutes/Weak blow /Blow built to 3 inches in bucket of water

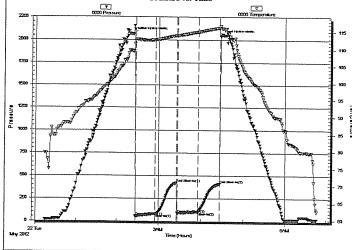
1ST Shut In

Pressure vs Time

30 Minutes/No blow back

30 Minutes/Weak blow /Blow built to 2 inches in bucket of water

2ND Shut In 30 Minutes/No blow back



| | PRESSURE SUMMARY | | | | | | | |
|------------|------------------|----------|---------|----------------------|--|--|--|--|
| | Time | Pressure | Temp | Annotation | | | | |
| 115 | (Min.) | (psia) | (deg F) | | | | | |
| 110 | 0 | 2063.37 | 109.33 | Initial Hydro-static | | | | |
| 105 | 3 | 50.38 | 112.40 | Open To Flow (1) | | | | |
| 103 | 31 | 80.21 | 112.67 | Shut-In(1) | | | | |
| 95 | 62 | 419.24 | 113.91 | End Shut-In(1) | | | | |
| ~1 | 63 | 84.70 | 113.84 | Open To Flow (2) | | | | |
| empereturi | 92 | 100.91 | 114.94 | Shut-In(2) | | | | |
| ± ₹ | 123 | 407.77 | 116.16 | End Shut-In(2) | | | | |
| 70 | 124 | 2036.01 | 116.77 | Final Hydro-static | | | | |
| 75 | | | | • | | | | |
| 70 | | | | | | | | |
| 16 | | | | | | | | |
| 20 | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

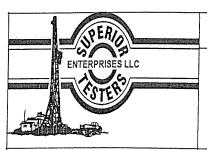
Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|------------------------------|--------------|
| 75.00 | Oil cut Mud/ Oil 10% Mud 90% | 0.37 |
| | | |
| | | |
| | | |
| | | |
| | | |

Gas Rates Choke (inches) Pressure (psia) Gas Rate (Mcf.

Superior Testers Enterprises LLC

Ref. No: 17348



Palomino Petroleum

ATTN: Ryan Seib

23/17S/27W Lane Co.

4924 Southest 84 Street Newton, Kansas

67114+8827

Atwell " TM " #1 Job Ticket: 17348

DST#:4

Test Start: 2012.05.22 @ 00:13:00

GENERAL INFORMATION:

Time Tool Opened: 02:26:30

Time Test Ended: 06:46:00

Formation:

Interval:

Total Depth:

Lansing zone L

Deviated:

Whipstock: No

ft (KB)

4187.00 ft (KB) To 4230.00 ft (KB) (TVD)

7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Initial)

Tester:

Ken Sw inney

Unit No:

3345 Ness City/60

Reference Elevations:

2603.00 ft (KB)

KB to GR/CF:

2595.00 ft (CF) 8.00 ft

Hole Diameter: Serial #: 6806

Press@RunDepth:

Inside

409.56 psia @ 2012.05.22

4230.00 ft (KB) (TVD)

4226.00 ft (KB) End Date:

2012.05.22

Capacity: Last Calib.; 5000.00 psia

Start Date: Start Time:

00:14:00

End Time:

06:45:30

Time On Btm:

2012.05.22

Time Off Btm:

2012.05.22 @ 02:23:30 2012.05.22 @ 04:26:30

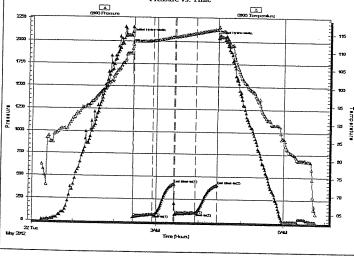
TEST COMMENT: 1ST Open

2ND Shut In

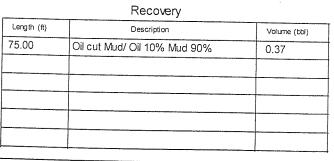
1ST Shut In 2ND Open

30 Minutes/Weak blow /Blow built to 3 inches in bucket of water 30 Minutes/No blow back

30 Minutes/Weak blow/Blow built to 2 inches in bucket of water 30 Minutes/No blow back



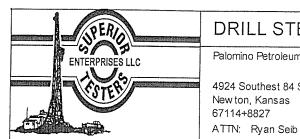
| | | P | RESSUF | RE SUMMARY | |
|---|--------|----------|---------|----------------------|-------|
| | Time | Pressure | Temp | Annotation | |
| | (Min.) | (psia) | (deg F) | | |
| | 0 | 2064.24 | 109.49 | Initial Hydro-static | 1,6 |
| | 3 | 52.30 | 112.84 | Open To Flow (1) | |
| | 31 | 81.17 | 113.01 | Shut-In(1) | Sald. |
| | 62 | 420.43 | 114.14 | End Shut-In(1) | |
| 7 | 63 | 85.87 | 114.11 | Open To Flow (2) | |
| | 92 | 101.77 | 115.14 | Shut-In(2) | |
| • | 123 | 409.56 | 116.27 | End Shut-In(2) | |
| ļ | 123 | 2041.78 | 116.84 | Final Hydro-static | |
| ı | | | | | |
| | | | | | |
| İ | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |



Gas Rates Choke (inches) | Pressure (psia) Gas Rate (Mcf/d)

Superior Testers Enterprises LLC

Ref. No: 17348



TOOL DIAG

Palomino Petroleum

4924 Southest 84 Street

23/17S/27W Lane Co.

Atwell "TM"#1

Job Ticket: 17348

DST#:4

0.00 ft

Test Start: 2012.05.22 @ 00:13:00

Tool Information

Drill Collar:

Drill Pipe: Heavy Wt. Pipe: Length:

Length: 4046.00 ft Diameter: Length:

0.00 ft Diameter: 120.00 ft Diameter:

3.88 inches Volume: 0.00 inches Volume: 2.25 inches Volume: Total Volume:

0.00 bbl 0.59 bbl

59.17 bbl

59.76 bbl

Tool Weight: 2000.00 lb Weight set on Packer: 20000.00 lb Weight to Pull Loose: 64000.00 lb

Tool Chased String Weight: Initial 46000.00 lb

Final 46000.00 lb

Printed: 2012.05.23 @ 22:03:06

Drill Pipe Above KB: Depth to Top Packer:

Depth to Bottom Packer: Interval between Packers: 43.00 ft

Tool Length:

Number of Packers:

71.00 ft 2 Diameter:

ft

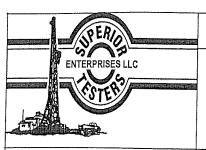
7.00 ft

4187.00 ft

6.75 inches

Tool Comments:

| Tool Descrip | tion L | .ength (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths | |
|---------------|--------------------|-------------|------------|----------|------------|----------------|-----------------------|
| Shut-In Tool | | 5.00 | | | 4164.00 | | |
| Hydrolic Tool | | 5.00 | | | 4169.00 | | |
| Jars | | 6.00 | | | 4175.00 | | |
| Safety Joint | | 2.00 | | | 4177.00 | | |
| Packer | | 5.00 | | | 4182.00 | 28.00 | Bottom Of Top Pac |
| Packer | | 5.00 | | | 4187.00 | | Dottom of Top Fac |
| Anchor | | 38.00 | | | 4225.00 | | |
| Recorder | | 1.00 | 6806 | Inside | 4226.00 | | |
| Recorder | | 1.00 | 6666 | Outside | 4227.00 | | |
| Bull Plug | | 3.00 | | | 4230.00 | 43.00 | Bottom Packers & Anch |
| | Total Tool Length: | 71.00 | | | | | - stom dolors & Ang |



FLUID SUMMA

Palomino Petroleum

23/17S/27W Lane Co.

Atwell " TM " #1

4924 Southest 84 Street Newton, Kansas 67114+8827

Job Ticket: 17348

DST#:4

ATTN: Ryan Seib

Test Start: 2012.05.22 @ 00:13:00

Mud and Cushion Information

Mud Type: Gel Chem

9.00 lb/gal

Cushion Type:

Oil API:

Mud Weight: Viscosity:

47.00 sec/qt

Cushion Length:

Water Salinity:

deg AP

Water Loss:

7.59 in³

Cushion Volume: Gas Cushion Type:

bbl

ppm

Resistivity: Salinity:

ohm.m 3000.00 ppm

Gas Cushion Pressure:

psia

ft

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft Description Volume bbl 75.00 Oil cut Mud/ Oil 10% Mud 90% 0.369

Total Length:

75.00 ft

Total Volume:

0.369 bbl

0

Num Fluid Samples: 0

Num Gas Bombs: Laboratory Location:

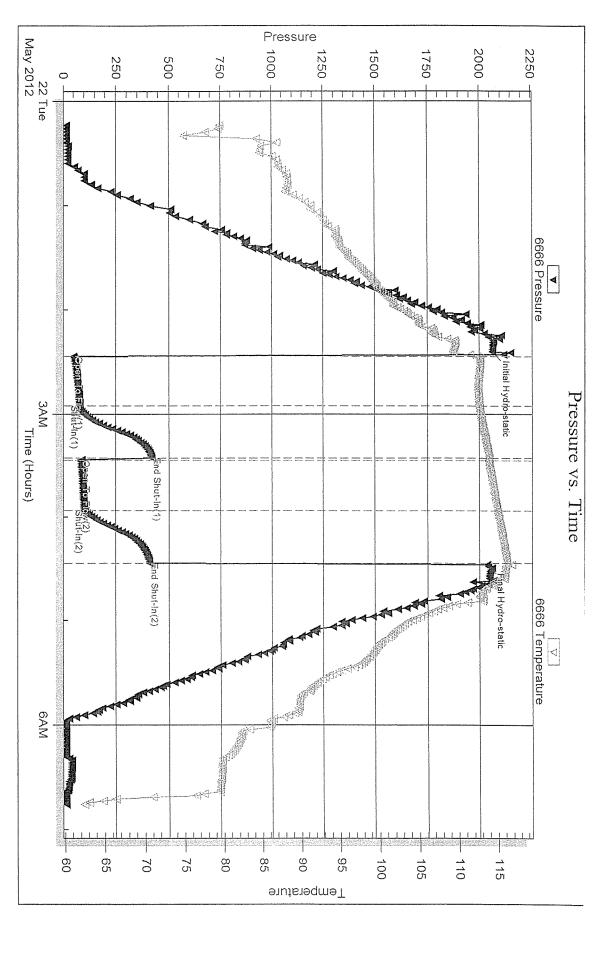
Serial #:

Laboratory Name:

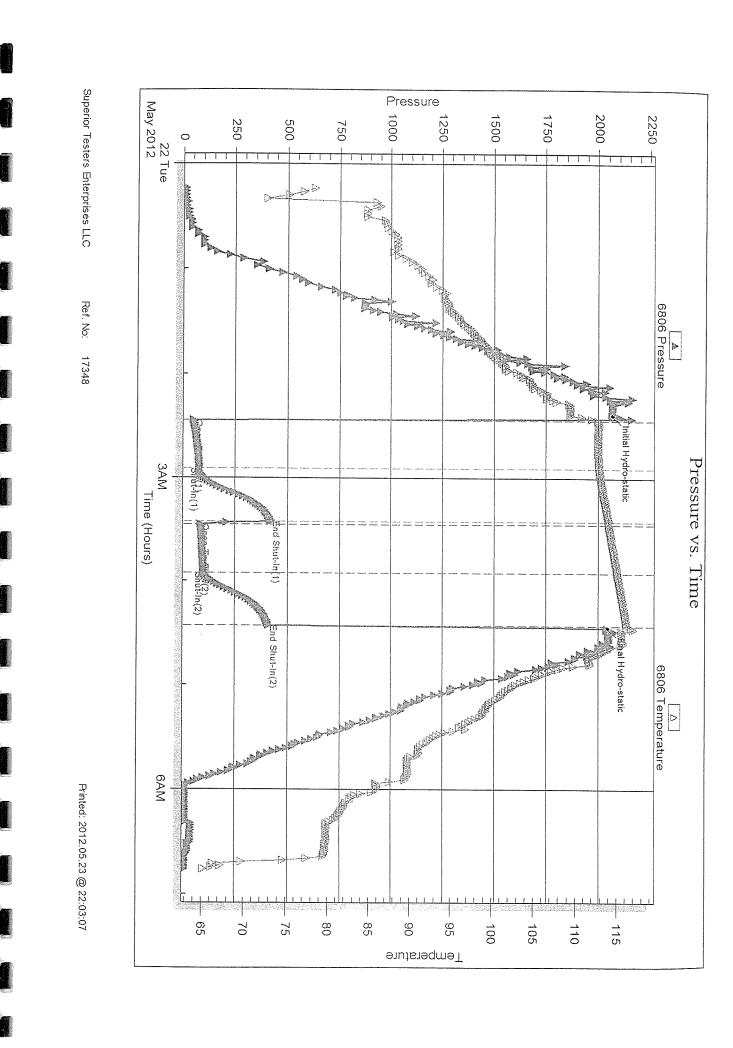
Recovery Comments:

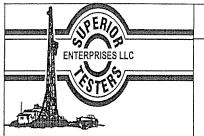
Superior Testers Enterprises LLC

Ref. No: 17348



Printed: 2012.05.23 @ 22:03:07





Palomino Petroleum

23/17S/27W Lane Co.

4924 Southest 84 Street Newton, Kansas 67114+8827

Atwell "TM"#1 Job Ticket: 17349

DST#: 5

ATTN: Ryan Seib

Test Start: 2012.05.22 @ 23:35:00

GENERAL INFORMATION:

Formation:

Marmaton

Deviated:

No Whipstock: ft (KB)

Test Type: Conventional Bottom Hole (Initial)

Time Tool Opened: 02:21:30 Time Test Ended: 07:11:30

Tester:

Ken Sw inney

Interval:

4236.00 ft (KB) To 4385.00 ft (KB) (TVD)

Unit No:

3345 Ness City/60

Total Depth:

4385.00 ft (KB) (TVD)

Reference Elevations:

2603.00 ft (KB) 2595.00 ft (CF)

Hole Diameter:

7.88 inches Hole Condition: Fair

KB to GR/CF:

8.00 ft

Serial #: 6666 Press@RunDepth: Inside

190.60 psia @

4381.19 ft (KB)

Capacity:

5000.00 psia

Start Date:

2012.05.22

End Date:

2012.05.23

Start Time:

23:36:00

End Time:

07:11:30

Last Calib.: Time On Btm: 2012.05.23

Time Off Btm:

2012.05.23 @ 02:20:00 2012.05.23 @ 04:22:30

TEST COMMENT: 1ST Open

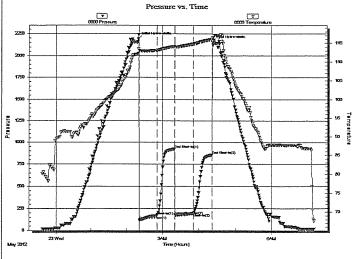
30 Minutes/Fair blow/Blow built to 5 inches in bucket of water

1ST Shut In 2ND Open

30 Minutes/No blow back

30 Minutes/Fair blow/Blow built to 5 inches in bucket of water

2ND Shut In 30 Minutes/No blow back



| | PRESSURE SUMMARY | | | | | | |
|-------------|------------------|---------|---------|----------------------|--|--|--|
| | Time Pressure | | Temp | Annotation | | | |
| | (Min.) | (psia) | (deg F) | | | | |
| | 0 | 2189.30 | 112.27 | Initial Hydro-static | | | |
| | 2 | 112.73 | 113.01 | Open To Flow (1) | | | |
| | 32 | 167.33 | 113.14 | Shut-In(1) | | | |
| ' | 61 | 921.82 | 114.16 | End Shut-In(1) | | | |
| i i | 62 | 167.58 | 113.97 | Open To Flow (2) | | | |
| Temperaturi | 91 | 190.60 | 114.77 | Shut-In(2) | | | |
| 7. | 122 | 855.98 | 115.98 | End Shut-In(2) | | | |
| | 123 | 2149.31 | 116.30 | Final Hydro-static | | | |
| | | | | | | | |
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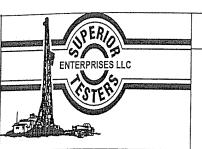
Recovery

| Description | Volume (bbl) |
|----------------------------|---------------------|
| 170.00 Gas and Oil cut Mud | |
| Gas 10% Oil 10% Mud 80% | 0.00 |
| | |
| | |
| | |
| | |
| | Gas and Oil cut Mud |

Gas Rates Choke (inches) | Pressure (psia) Gas Rate (Mo

Superior Testers Enterprises LLC

Ref. No: 17349



Palomino Petroleum

23/17S/27W Lane Co.

4924 Southest 84 Street Newton, Kansas 67114+8827

Atwell "TM"#1 Job Ticket: 17349

DST#: 5

ATTN: Ryan Seib

Test Start: 2012.05.22 @ 23:35:00

GENERAL INFORMATION:

Formation:

Marmaton

Deviated:

No Whipstock: ft (KB)

Conventional Bottom Hole (Initial)

Tester: Unit No: Ken Sw inney 3345 Ness City/60

Time Tool Opened: 02:21:30 Time Test Ended: 07:11:30

Interval:

4236.00 ft (KB) To 4385.00 ft (KB) (TVD)

Total Depth: Hole Diameter: 4385.00 ft (KB) (TVD)

7.88 inches Hole Condition: Fair

Reference Elevations:

2603.00 ft (KB)

2595.00 ft (CF)

KB to GR/CF:

8.00 ft

Serial #: 6806 Press@RunDepth: Outside

854.89 psia @

4382.19 ft (KB)

Capacity:

5000.00 psia

Start Date: Start Time:

2012.05.22 23:36:00 End Date: End Time:

2012.05.23 07:10:30 Last Calib .:

2012.05.23

Time On Btm:

2012.05.23 @ 02:19:00

Time Off Btm:

2012.05.23 @ 04:21:30

TEST COMMENT: 1ST Open

1ST Shut In

30 Minutes/Fair blow/Blow built to 5 inches in bucket of water 30 Minutes/No blow back

2ND Open

30 Minutes/Fair blow/Blow built to 5 inches in bucket of water

2ND Shut In 30 Minutes/No blow back

Pressure vs. Time PRESSURE SUMMARY Time Pressure Temp Annotation (Min.) (psia) (deg F) 0 2188.77 112.09 Initial Hydro-static 2 111.44 112.28 Open To Flow (1) 31 166.33 112.56 Shut-In(1) 61 920.92 113.65 End Shut-In(1) 62 166.14 113.49 Open To Flow (2) 91 189.82 114.37 Shut-In(2) 122 854.89 115.53 End Shut-In(2) 123 2146.13 115.86 Final Hydro-static

Recovery

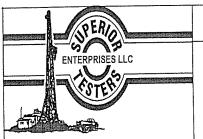
| Length (ft) | Description | Volume (bbi) | | |
|-------------|-------------------------|--------------|--|--|
| 170.00 | Gas and Oil cut Mud | 1.32 | | |
| 0.00 | Gas 10% Oil 10% Mud 80% | 0.00 | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

Gas Rates

Choke (inches) | Pressure (psia) Gas Rate (Mcf/d)

Superior Testers Enterprises LLC

Ref. No: 17349



TOOL DIAG

Palomino Petroleum

23/17S/27W Lane Co.

4924 Southest 84 Street Newton, Kansas 67114+8827

Atwell "TM "#1 Job Ticket: 17349

DST#: 5

ATTN: Ryan Seib

Test Start: 2012.05.22 @ 23:35:00

Tool Information

Drill Pipe: Heavy Wt. Pipe: Length:

Drill Collar:

Length:

Length: 4116.00 ft Diameter: 0.00 ft Diameter: 120.00 ft Diameter: 3.88 inches Volume: 0.00 inches Volume: 2.25 inches Volume: Total Volume: 60.19 bbl 0.00 bbl 0.59 bbl 60.78 bbl

2000.00 lb Tool Weight: Weight set on Packer: 20000.00 lb Weight to Pull Loose: 58000.00 lb

Tool Chased

0.00 ft

Drill Pipe Above KB: Depth to Top Packer: Depth to Bottom Packer:

20.00 ft 4236.00 ft

ft

Interval between Packers: 149.19 ft

String Weight: Initial 48000.00 lb Final 48000.00 lb

Tool Length: Number of Packers: 169.19 ft 2 Diameter:

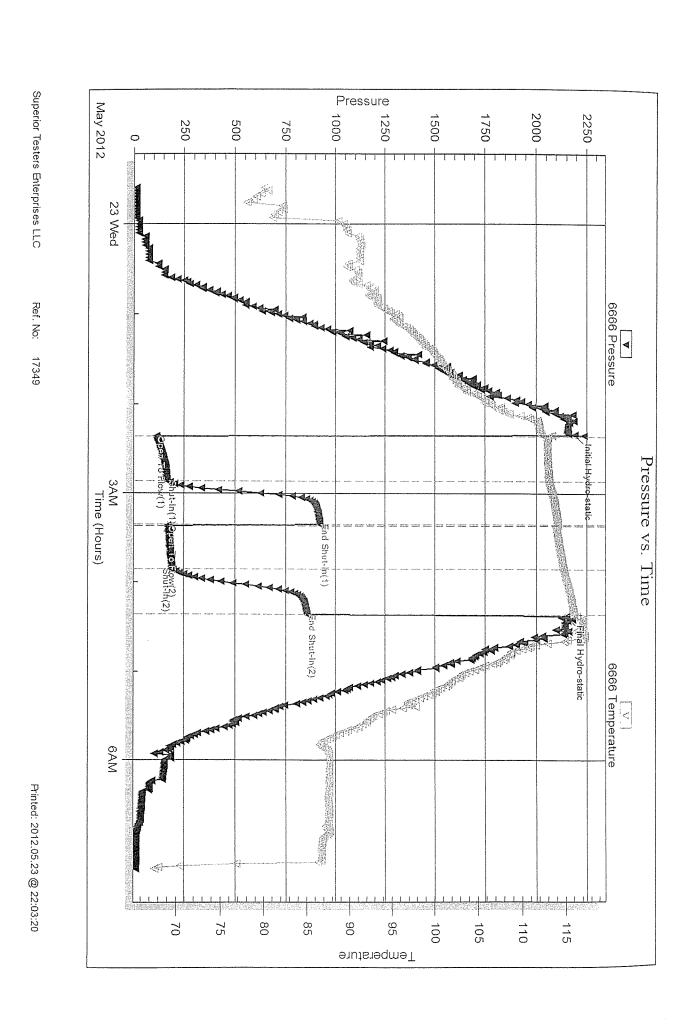
6.75 inches

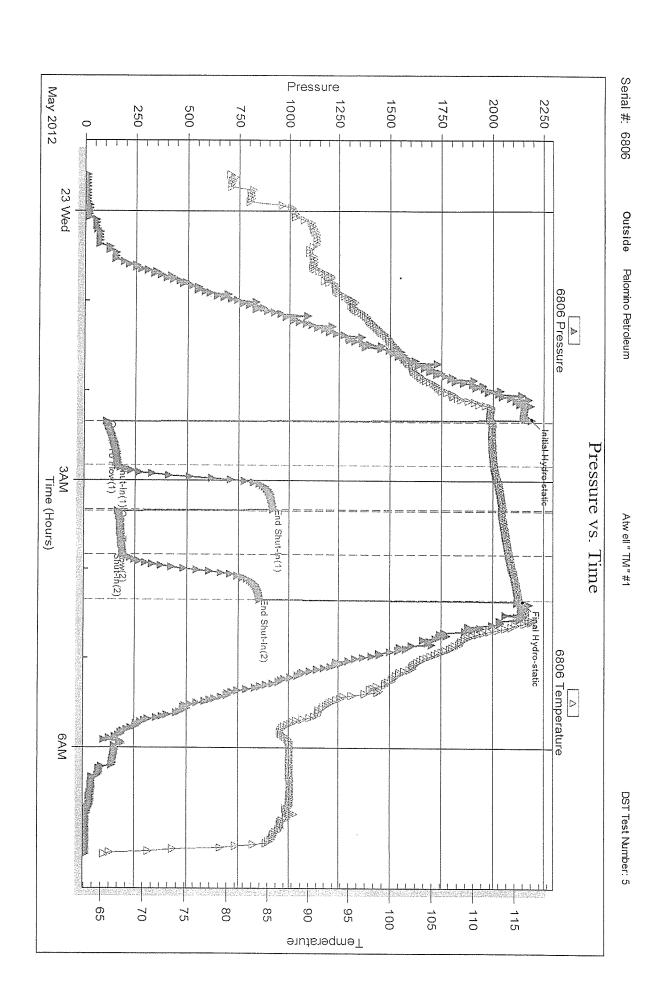
Tool Comments:

| Tool Description | Length (ft) Ser | ial No. | Position | Depth (ft) | Accum. Lengths | |
|------------------|-----------------|---------|----------|------------|----------------|--------------------|
| Shut-In Tool | 5.00 | | | 4221.00 | | |
| Hydrolic Tool | 5.00 | | | 4226.00 | | |
| Packer | 5.00 | | | 4231.00 | 20.00 | Bottom Of Top F |
| Packer | 5.00 | | | 4236.00 | | |
| Anchor | 6.00 | | | 4242.00 | | |
| Change over Sub | 0.75 | | | 4242.75 | | |
| Change Over Sub | 0.75 | | | 4243.50 | | |
| Change Over Sub | 0.75 | | | 4244.25 | | |
| Drill Pipe | 95.19 | | | 4339.44 | | |
| Change Over Sub | 0.75 | | | 4340.19 | | |
| Anchor | 40.00 | | | 4380.19 | | |
| Recorder | 1.00 | 6666 | Inside | 4381.19 | | |
| Recorder | 1.00 | 6806 | Outside | 4382.19 | | |
| Bull Plug | 3.00 | | t | 4385.19 | 149.19 | Bottom Packers & A |

Total Tool Length:

169.19





Superior Testers Enterprises LLC

Ref. No:

17349

Printed: 2012.05.23 @ 22:03:20

Venteral S