



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1228888  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

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       SIOW
- Gas       D&A       ENHR       SIGW
- OG       GSW       Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic       Other (Core, Expl., etc.): \_\_\_\_\_

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

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

- Deepening       Re-perf.       Conv. to ENHR       Conv. to SWD
- Plug Back       Conv. to GSW       Conv. to Producer
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

|                                   |                 |   |
|-----------------------------------|-----------------|---|
| Spud Date or<br>Recompletion Date | Date Reached TD | Completion Date or<br>Recompletion Date |
|-----------------------------------|-----------------|---|

API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

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
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

1228888



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<br><i>(Attach Additional Sheets)</i><br><br>Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No<br><br>Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No<br>Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No<br><br>List All E. Logs Run: _____ | <input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample<br><br>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<br><input type="checkbox"/> Protect Casing<br><input type="checkbox"/> Plug Back TD<br><input type="checkbox"/> Plug Off Zone |                  |                |              |                            |
|  |                  |                |              |                            |

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 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)*

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

TUBING RECORD:      Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

|   |  |         |             |               |         |  |
|---|--|---------|-------------|---------------|---------|--|
| Date of First, Resumed Production, SWD or ENHR. _____ | Producing Method:<br><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 |  |

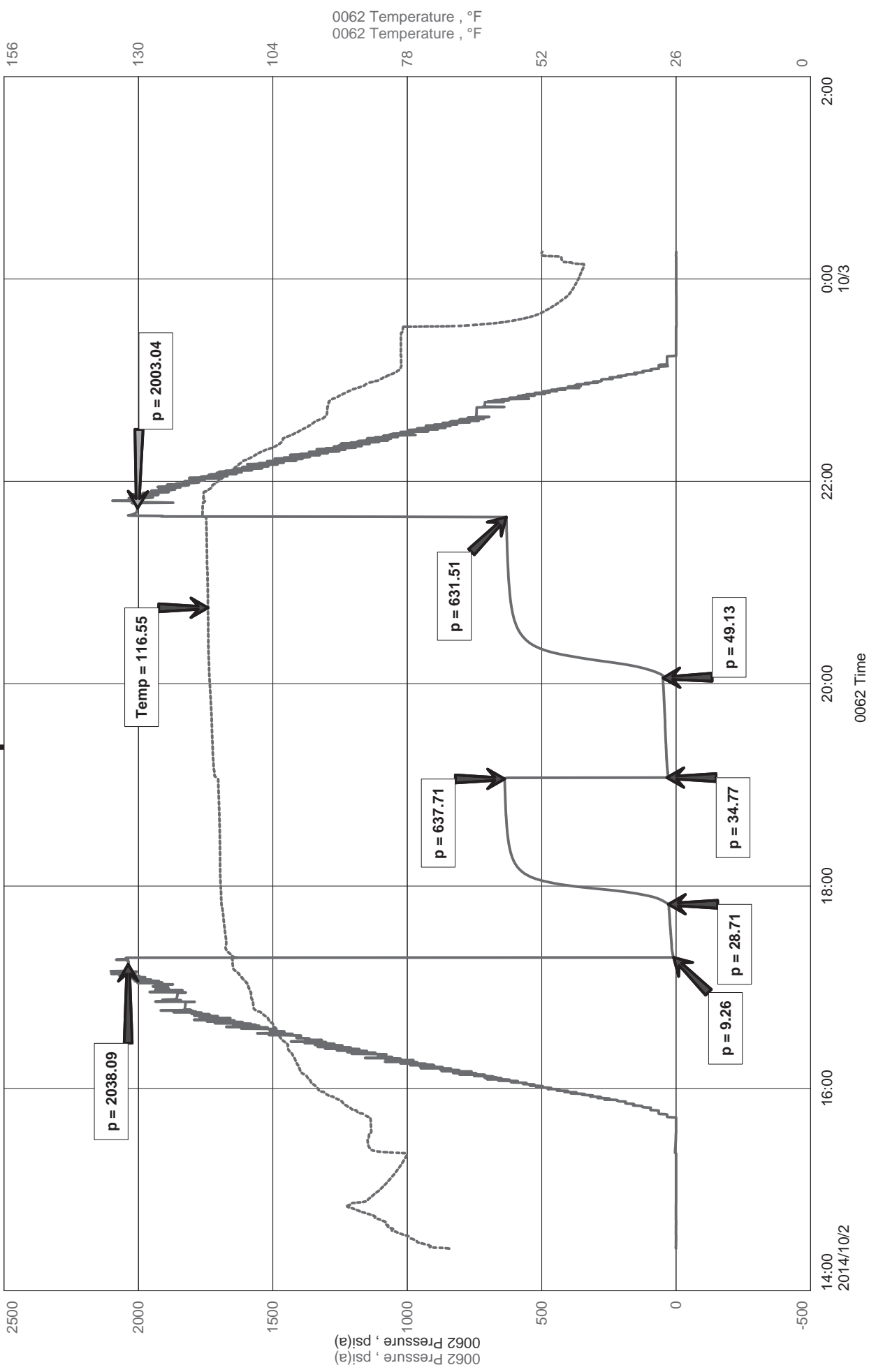
|  |  |   |
|--|--|---|
| <b>DISPOSITION OF GAS:</b><br><input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease<br><i>(If vented, Submit ACO-18.)</i> | <b>METHOD OF COMPLETION:</b><br><input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <i>(Submit ACO-5)</i><br><input type="checkbox"/> Other <i>(Specify)</i> _____ | <b>PRODUCTION INTERVAL:</b><br>_____<br>_____ |
|--|--|---|



Trans Pacific Oil Corp  
Dst 1 LKC 220 (4153-4190)  
Start Test Date: 2014/10/02  
Final Test Date: 2014/10/03

Harper B 1-13  
Formation: Dst 1 LKC 220 (4153-4190)  
Pool: Wildcat  
Job Number: RR094

# Harper B 1-13





Diamond Testing LLC

P.O. Box 157

HoisingtonKS 67544

Ricky Ray - Tester

(620) 617-7261

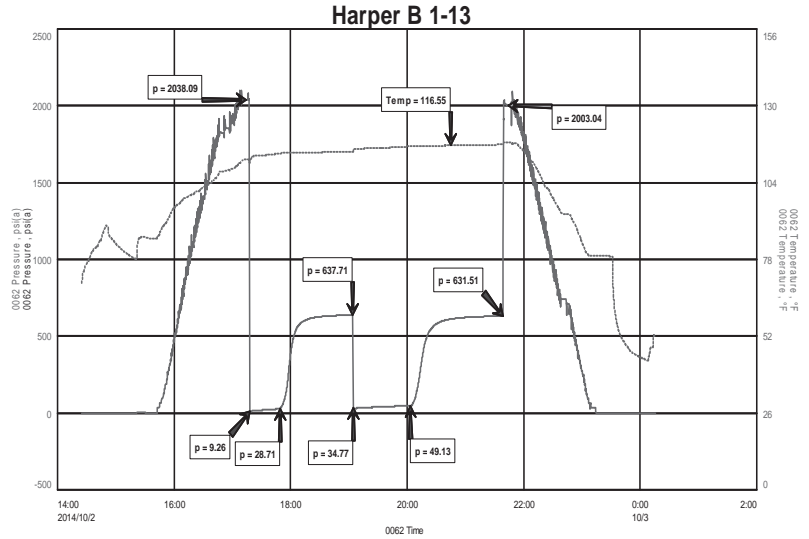
# Wellsite Report

## General Information

|                     |                               |
|---------------------|-------------------------------|
| Company Name        | Trans Pacific Oil Corp        |
| Contact             | Beth A Isern                  |
| Well Operator       | Trans Pacific Oil Corp        |
| Well Name           | Harper B 1-13                 |
| Surface Location    | Sec: 13-17s27w ( Lane County) |
| Field               | Wildcat                       |
| Well Type           | Vertical                      |
| Pool                | Wildcat                       |
| Test Purpose (AEUB) | Initial Test                  |
| Qualified By        | Alex Chapin                   |
| Gauge Name          | 0062                          |

## Test Information

|                 |                           |
|-----------------|---------------------------|
| Job Number      | RR094                     |
| Test Type       | Drill Stem Test           |
| Well Fluid Type | 01 Oil                    |
| Formation       | Dst 1 LKC 220 (4153-4190) |
| Start Test Date | 2014/10/02 YYYY/MM/DD     |
| Start Test Time | 14:29:00 HH:mm:ss         |
| Final Test Date | 2014/10/03 YYYY/MM/DD     |
| Final Test Time | 00:37:00 HH:mm:ss         |



## Test Results

### Recovery:

|      |             |         |      |       |
|------|-------------|---------|------|-------|
| 3'   | O           | 100 % O |      |       |
| 90'  | O w/ HGM    | 40% G   | 6% O | 54% M |
| 279' | GIP         |         |      |       |
| 93'  | Total Fluid |         |      |       |

Tool Sample: 45 % O 55% M



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: Harper B 1-13 Dst 1

TIME ON: 14:25 Oct 2  
TIME OFF: 00:37 Oct 3

Company Trans Pacific Oil Corp Lease & Well No. Harper B 1-19  
Contractor Southwind Drilling Charge to Trans Pacific OIL Corp  
Elevation 1941 Est Formation LKC "220" Effective Pay \_\_\_\_\_ Ft. Ticket No. RR094  
Date Oct/02/2014 Sec. 32 Twp. 16 S Range 13 W County Barton State KANSAS  
Test Approved By Alexn Chapin Diamond Representative RICKY RAY

Formation Test No. 1 Interval Tested from 4153 ft. to 4190 ft. Total Depth 4190 ft.  
Packer Depth 4148 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth 4153 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 4141 ft. Recorder Number 0062 Cap. 5000 P.S.I.  
Bottom Recorder Depth (Outside) 4157 ft. Recorder Number 5954 Cap. 5000 P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type CHEMICAL Viscosity 58 Drill Collar Length 0 ft. I.D. 2 1/4 in.  
Weight 9.4 Water Loss 8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
Chlorides 3300 P.P.M. Drill Pipe Length 4128 ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number SJ Test Tool Length 25 ft. Tool Size 3 1/2-IF in.  
Did Well Flow? NA Reversed Out NA Anchor Length 37 ft. Size 4 1/2-FH in.  
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 xh in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: 1/4" Blow Built to 8 1/4 inches in 30 mins NOBB  
2nd Open: 1/4" Blow BOB in 30 1/2 mins 1/4" BB

Recovered 3 ft. of O 100% O  
Recovered 90 ft. of O w/ HGM 40% G 6% O 54% M  
Recovered 279 ft. of GIP  
Recovered 93 ft. of Total Fluid

|  |               |
|--|---------------|
| Recovered _____ ft. of _____             | Price Job     |
| Recovered _____ ft. of _____             | Other Charges |
| Remarks: <u>Tool Sample: 45% O 55% M</u> | Insurance     |
|  | Total         |

Time Set Packer(s) 5:39 PM A.M. Time Started Off Bottom 9:54 PM P.M. Maximum Temperature 117

Initial Hydrostatic Pressure..... (A) 2038 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 9 P.S.I. to (C) 29 P.S.I.  
Initial Closed In Period..... Minutes 75 (D) 638 P.S.I.  
Final Flow Period..... Minutes 60 (E) 35 P.S.I. to (F) 49 P.S.I.  
Final Closed In Period..... Minutes 90 (G) 632 P.S.I.  
Final Hydrostatic Pressure..... (H) 2003 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



# Harper B 1-13

Drilling Report

**API:** 15-101-22537

**STR:** 13-17S-27W

**County:** Lane

**KB:** 2550

**Location:** 1815 FSL 1650 FW

**State:** KS

|             | Log Tops:          |
|-------------|--------------------|
| Anhydrite   | 1949' ( +601) -3'  |
| B/Anhydrite | 1981' ( +569) -4'  |
| Heebner     | 3825' (-1275) -4'  |
| Lansing     | 3867' (-1317) -4'  |
| Stark Shale | 4124' (-1574) -5'  |
| BKC         | 4194' (-1644) -5'  |
| Ft Scott    | 4384' (-1834) -10' |
| Mississippi | 4505' (-1955) -36' |
| RTD         | 4550' (-2000)      |

# ALLIED OIL & GAS SERVICES, LLC 063957

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999  
SOUTHLAKE, TEXAS 76092

SERVICE POINT: Grandland

|                                    |               |                   |  |            |                           |                         |                       |
|------------------------------------|---------------|-------------------|--|------------|---------------------------|-------------------------|-----------------------|
| DATE <u>9-26-14</u>                | SEC <u>13</u> | TWP. <u>17</u>    | RANGE <u>27</u>                        | CALLED OUT | ON LOCATION <u>1:30pm</u> | JOB START <u>2:30pm</u> | JOB FINISH <u>3pm</u> |
| LEASE <u>Hopper B</u>              |               | WELL# <u>1-13</u> | LOCATION <u>Utica - Vt Coline - 45</u> |            | COUNTY <u>Laine</u>       | STATE <u>KS</u>         |                       |
| OLD OR NEW (Circle one) <u>NEW</u> |               |                   | WINTH                                  |            |                           |                         |                       |

CONTRACTOR Duke 2

TYPE OF JOB Surface

HOLE SIZE 12 1/8" T.D.

CASING SIZE 5 5/8" DEPTH 263.37

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. 15 FT

PERFS. \_\_\_\_\_

DISPLACEMENT 15.52 bbl H2O

EQUIPMENT

PUMP TRUCK CEMENTER fish/seas

# 398 HELPER Brian Long

BULK TRUCK

# 871-112 DRIVER Gudy Simpik

BULK TRUCK

# \_\_\_\_\_ DRIVER \_\_\_\_\_

**REMARKS:**

On location - Reg up - had safety meeting

Run 58' casing - Break circulation

Pump 5 bbl H2O

Mix 175 SA class @ 31cc 21gel

Displace 15.82 bbl H2O

Sub in 245'

Cement did circulation

Log down

OWNER \_\_\_\_\_

CEMENT

AMOUNT ORDERED 175 SA Class A

31cc 21gel

|                           |                |                 |
|---------------------------|----------------|-----------------|
| COMMON <u>175</u>         | @ <u>17.90</u> | <u>3,132.50</u> |
| POZMIX _____              | @ _____        | _____           |
| GEL <u>329</u>            | @ <u>.50</u>   | <u>164.50</u>   |
| CHLORIDE <u>493</u>       | @ <u>1.10</u>  | <u>542.30</u>   |
| ASC _____                 | @ _____        | _____           |
| <u>Materials Total</u>    |                | <u>3,839.30</u> |
| <u>Disc 20%</u>           |                | <u>767.86</u>   |
| <u>Service</u>            |                | _____           |
| HANDLING <u>189.22</u>    | @ <u>3.48</u>  | <u>469.27</u>   |
| MILEAGE <u>8.64 x 324</u> | @ <u>2.75</u>  | <u>760.32</u>   |

DEPTH OF JOB \_\_\_\_\_

PUMP TRUCK CHARGE 1512.25

EXTRA FOOTAGE @ \_\_\_\_\_

MILEAGE Hum 32 @ 7.70 246.40

MANIFOLD @ \_\_\_\_\_

Hum 32 @ 4.40 140.80

CHARGE TO: Trans Pacific Oil

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

TOTAL 3,129.04

Disc 20% 625.81

**PLUG & FLOAT EQUIPMENT**

|       |         |       |
|-------|---------|-------|
| _____ | @ _____ | _____ |
| _____ | @ _____ | _____ |
| _____ | @ _____ | _____ |
| _____ | @ _____ | _____ |
| _____ | @ _____ | _____ |

Disc 0% TOTAL 0

To: Allied Oil & Gas Services, LLC.

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

SALES TAX (If Any) \_\_\_\_\_

TOTAL CHARGES 6,968.34

30% 1,393.67 (20/20/0)

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

5,574.67

PRINTED NAME X Dion Vasquez

SIGNATURE X Dion Vasquez

Thank you!



JOB LOG

SWIFT Services, Inc.

Primary Cmt Job

DATE 10-5-14 PAGE NO. 1

CUSTOMER Trans Pacific Oil

WELL NO. B 1-13

LEASE Harper

JOB TYPE Cement Longstring

TICKET NO. 26885

| CHART NO. | TIME | RATE (BPM) | VOLUME (BBL) (GAL) | PUMPS |   | PRESSURE (PSI) |        | TD 4550' | DESCRIPTION OF OPERATION AND MATERIALS                 |
|-----------|------|------------|--------------------|-------|---|----------------|--------|----------|--|
|           |      |            |                    | T     | C | TUBING         | CASING |          |  |
|           | 0230 |            |                    |       |   | 10.5 #/ft      | < 1/2  |          | On location - Float Equip                              |
|           | 0340 |            |                    |       |   |                |        |          | Rig L.D.D.C  |
|           | 0500 |            |                    |       |   |                |        |          | Fin L.D. - change over                                 |
|           |      |            |                    |       |   |                |        |          | Start 4 1/2" - 10.5 #/ft. casing to 4532'              |
|           |      |            |                    |       |   |                |        |          | L.D. Baffle - SJ - 425' = 4489.5' $\approx$ 71 1/2 BBL |
|           |      |            |                    |       |   |                |        |          | Insert Float Shoe w/ Auto-Fill                         |
|           |      |            |                    |       |   |                |        |          | Cent - 1-2-3-5-7-9-11-13-15-17-100-62                  |
|           |      |            |                    |       |   |                |        |          | Brt Collar #61 @ 1942 1/4"                             |
|           |      |            |                    |       |   |                |        |          | Cmt Baskets #2 - 61                                    |
|           |      |            |                    |       |   |                |        |          | Drop Ball up ball - 5 JTs out                          |
|           | 0645 |            |                    |       |   |                |        |          | Rig finish run casing - Tag & Lay JT. down             |
|           | 0650 |            |                    |       |   |                |        |          | Start circ casing                                      |
|           |      |            |                    |       |   |                |        |          | Finish circ.   |
|           |      |            | 7/3                |       |   |                |        |          | Plug RH-30 SKS / MH-20 SKS EA-2 cmt                    |
|           |      | 5          | 12                 |       |   | 350            |        |          | Pump 500 gal Muel flush                                |
|           |      | 6          | 20                 |       |   | 400            |        |          | Pump 20 BBL HCL flush                                  |
|           |      |            |                    |       |   | 400            |        |          | Start 200 SKS EA-2                                     |
|           |      |            | 52                 |       |   | 200            |        |          | Fin cmt  |
|           |      |            |                    |       |   |                |        |          | Wash out pump & lines                                  |
|           |      |            |                    |       |   |                |        |          | Drop L. Down Plug.                                     |
|           |      | 9          |                    |       |   | 400            |        |          | Start Displ  |
|           |      | 9          | 45                 |       |   | 500            |        |          | Caught lift press - slow rate                          |
|           |      | 17         | 55                 |       |   | 700            |        |          | slow rate  |
|           |      | 5          | 65                 |       |   | 800            |        |          | slow rate  |
|           |      |            | 70                 |       |   | 850            |        |          | last circ pass   |
|           | 0745 |            | 71 1/2             |       |   | 1600           |        |          | Plug down - Held - Release & Held                      |
|           | 0800 |            |                    |       |   | 0              |        |          | Job Complete   |
|           |      |            |                    |       |   |                |        |          | Wash up & rack up                                      |

Thanks  
Don, Tom, Steve  
& Isaac

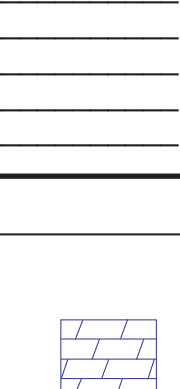
**JOB LOG**

**SWIFT Services, Inc.**

DATE **17 OCT 14** PAGE NO.

CUSTOMER **TRANS PACIFIC OIL** WELL NO. LEASE **HARPER B-1** JOB TYPE **CEMENT PORT COLLAR** TICKET NO. **28002**

| CHART NO. | TIME | RATE (BPM) | VOLUME (BBL) (GAL)            | PUMPS |   | PRESSURE (PSI) |        | DESCRIPTION OF OPERATION AND MATERIALS |
|-----------|------|------------|-------------------------------|-------|---|----------------|--------|--|
|           |      |            |                               | T     | C | TUBING         | CASING |  |
|           | 1030 |            |                               |       |   |                |        | ON LOCATION                            |
|           | 1048 |            |                               |       |   |                |        | SPOT 15x SAND                          |
|           |      |            |                               |       |   |                |        | PORT COLLAR @ 1920                     |
|           | 1150 |            |                               |       | ✓ |                | 8000   | TEST - HELD                            |
|           | 1201 |            |                               |       |   |                |        | OPEN PORT COLLAR                       |
|           | 1203 | 4          | 83                            | ✓     |   | 600            |        | MIX 150SxSMD                           |
|           |      | 3          | 6 <sup>3</sup> / <sub>4</sub> | ✓     |   | 300            |        | DISPLACE CEMENT                        |
|           |      |            |                               |       |   |                |        | CIRCULATE 20Sx TO PIT                  |
|           | 1230 |            |                               |       | ✓ |                | 1000   | CLOSE PORT COLLAR - TEST - HELD        |
|           | 1240 |            |                               |       |   |                |        | RUN 4 JTS.                             |
|           | 1245 | 3          | 18                            |       | ✓ |                | 300    | REVERSE CLEAN                          |
|           | 1252 |            |                               |       |   |                |        | WASH TRUCK                             |
|           |      |            |                               |       |   |                |        | RUN TUBING TO RSP                      |
|           | 1326 | 2          | 36                            |       | ✓ |                | 400    | CIRCULATE SAND OFF PLUG                |
|           | 1400 |            |                               |       |   |                |        | JOB COMPLETE                           |
|           |      |            |                               |       |   |                |        | THANKS # 115                           |
|           |      |            |                               |       |   |                |        | JASON DAUE JARED                       |



**GEOLOGIST'S REPORT**  
**DRILLING TIME AND SAMPLE LOG**

Geologist on Well: Alex Chaplin & Jeff Lawler  
 LEASE: Harper B 1-13  
 FIELD: Repshire  
 LOCATION: 181° 5' N & 165° 7' W  
 SEC: 13 T1MSP 17S R0E 27W  
 COUNTY: Larne STATE: Kansas  
 CONTRACTOR: Duke Drilling Rig #2  
 SPUD: 9/26/14 COM: 10/5/13

ELEVATIONS: KB 2550  
 DF: 2542  
 GL: 2412  
 Measurements are All From Kelly Bushing

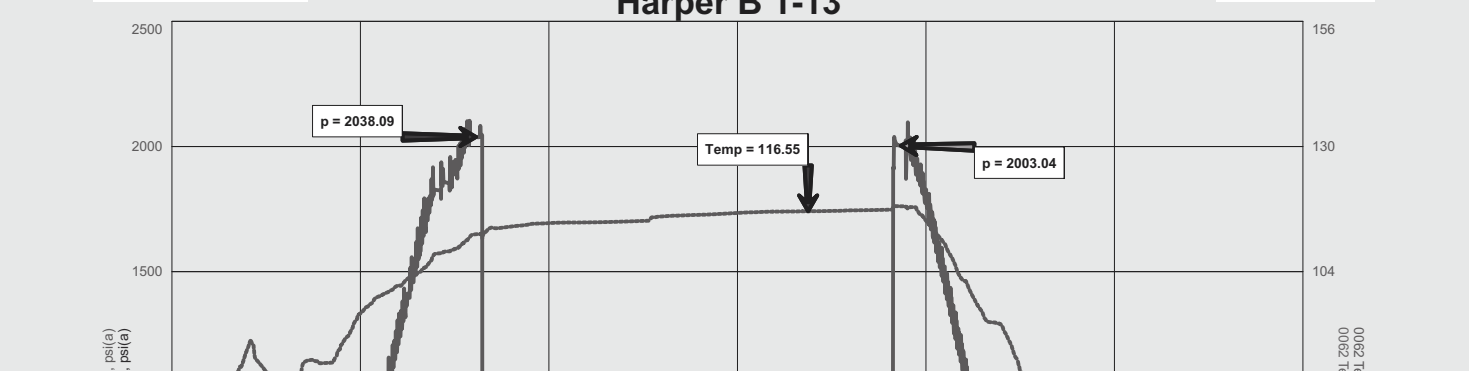
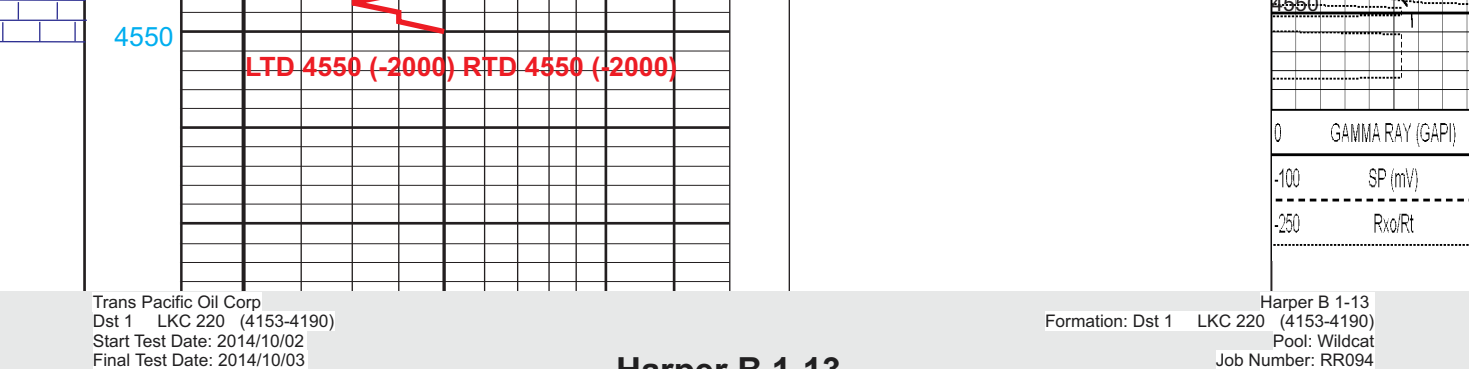
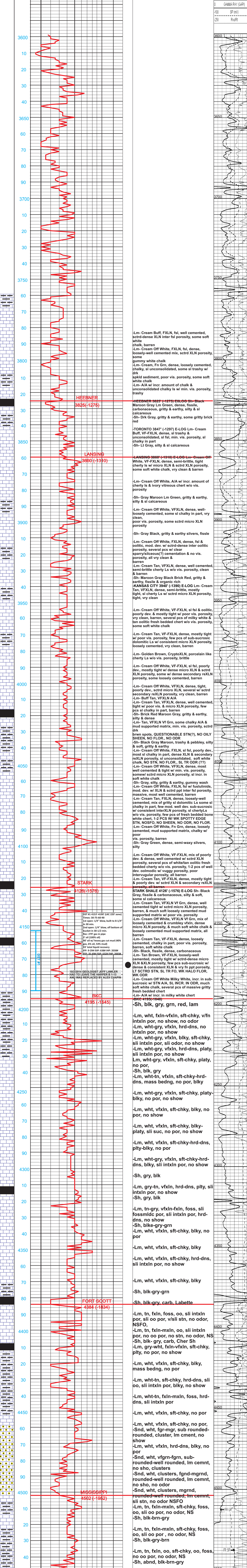
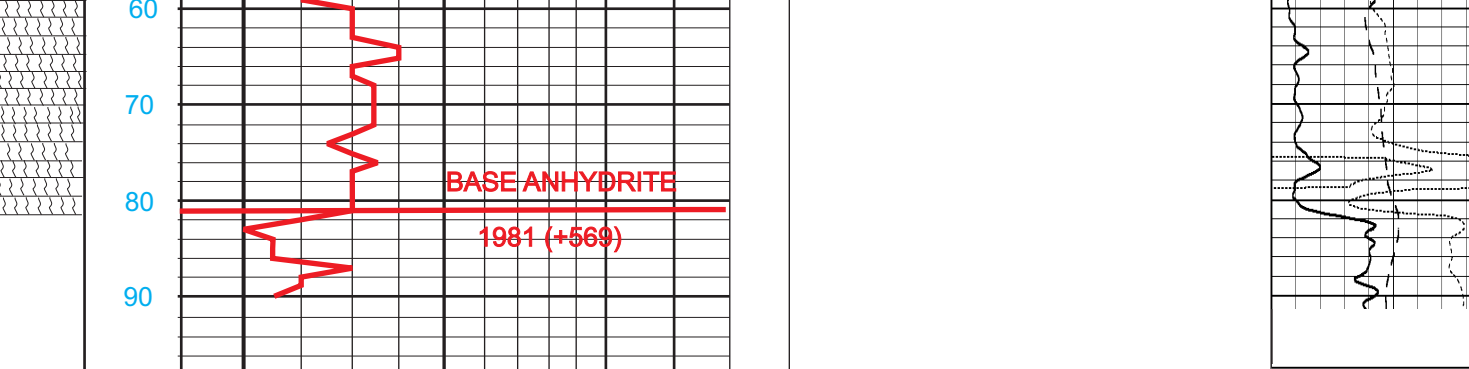
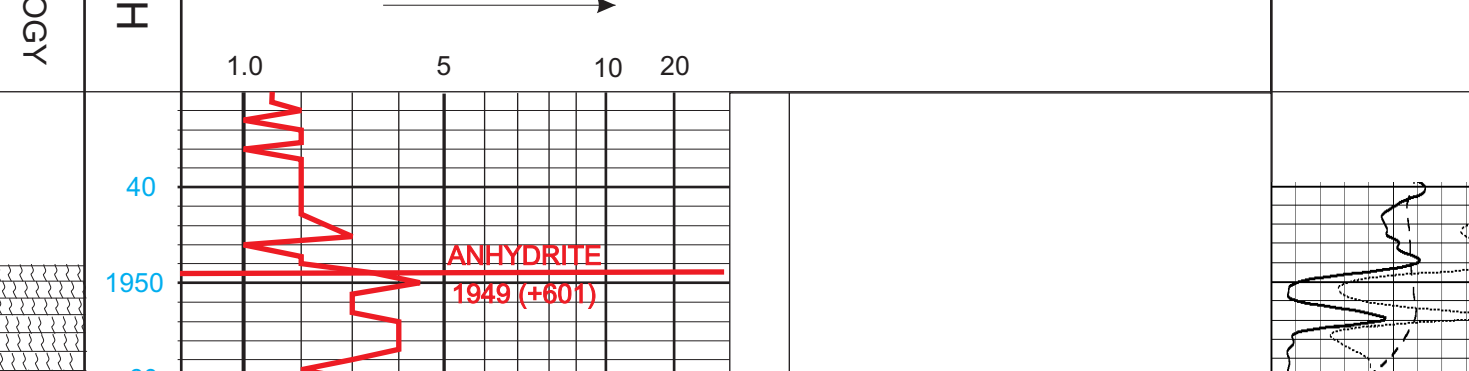
CONDUCTOR: CASING  
 R/D UP: 4550 LTD: 4550  
 MUD UP: TYPE MUD: CHEMICAL  
 SAMPLES SAVED FROM: 3750 TO: RTD  
 DRILLING TIME KEPT FROM: 3600 TO: RTD  
 SAMPLES EXAMINED FROM: 3900 TO: RTD

GEOLOGICAL SUPERVISION FROM: 3000  
 REFERENCE WELL: Douglas #1, Sec:13-17S-27W  
 Formation: Sample Tops E-log Tops  
 Anthydrite: 1949 (+601) 1949 (+601) -3  
 Base Anthydrite: 1982 (+568) 1981 (+569) -4  
 Heebner: 3825 (+1275) 3825 (+1275) -4  
 Lansing: 3860 (+1310) 3867 (+1317) -4  
 Stark: 4124 (+1574) 4124 (+1574) -5  
 BKC: 4195 (+1645) 4194 (+1644) -5  
 Fort Scott: 4384 (+1834) 4384 (+1834) -10  
 Mississippian: 4502 (+1952) 4502 (+1952) -36

PRODUCTION: 4 1/2" @ 4531  
 ELECTRICAL SURVEYS: DIL, DLCP, MICRO  
 PIONEER

| FORMATION       | SAMPLE TOPS  | E-LOG TOPS   | STRUCTURE |
|-----------------|--------------|--------------|-----------|
| Anthydrite      | 1949 (+601)  | 1949 (+601)  | -3        |
| Base Anthydrite | 1982 (+568)  | 1981 (+569)  | -4        |
| Heebner         | 3825 (+1275) | 3825 (+1275) | -4        |
| Lansing         | 3860 (+1310) | 3867 (+1317) | -4        |
| Stark           | 4124 (+1574) | 4124 (+1574) | -5        |
| BKC             | 4195 (+1645) | 4194 (+1644) | -5        |
| Fort Scott      | 4384 (+1834) | 4384 (+1834) | -10       |
| Mississippian   | 4502 (+1952) | 4502 (+1952) | -36       |

REMARKS: Due to the positive drill stem test and the good porosity of the Lansing 220' zone it was decided to run production pipe.



Trans Pacific Oil Corp  
 Oct 1 LXC 220 (4153,4190)  
 Start Test Date: 2014/10/02  
 Final Test Date: 2014/10/03

Formation: Oct 1 LXC 220  
 Harper B 1-13 (4153,4190)  
 Pool: Wildcat  
 Job Number: RR094

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