



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1216418
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 Recompletion Date | Date Reached TD | Completion Date or 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: _____

1216418

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

| 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 | | | | |

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 Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record <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:
 Flowing Pumping Gas Lift Other *(Explain)* _____

| Estimated Production Per 24 Hours | Oil Bbls. | Gas Mcf | Water Bbls. | Gas-Oil Ratio | Gravity |
|-----------------------------------|-----------|---------|-------------|---------------|---------|
| | | | | | |

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

| | |
|-----------|------------------------|
| Form | ACO1 - Well Completion |
| Operator | Trek AEC, LLC |
| Well Name | Vehige 3-36 |
| Doc ID | 1216418 |

Tops

| Name | Top | Datum |
|----------------|------|-------|
| Anhydrite | 1673 | +434 |
| Base/Anhydrite | 1704 | +403 |
| Topeka | 3090 | -983 |
| King Hill | 3185 | -1078 |
| Queen Hill | 3238 | -1131 |
| Heebner | 3289 | -1182 |
| Toronto | 3312 | -1205 |
| Lansing | 3326 | -1219 |
| Lansing "D" | 3384 | -1277 |
| Muncie Creek | 3444 | -1337 |
| Stark | 3506 | -1399 |
| Base/KC | 3558 | -1451 |
| Arbuckle | 3580 | -1473 |



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Trek AECLLC
 155 N Market Ste 710
 Wichita, KS 67202
 ATTN: Aaron Young

Sec. 36-6s-20w Rooks, KS

Vehige #3-36

Job Ticket: 59420 DST#: 1

Test Start: 2014.07.20 @ 00:20:00

GENERAL INFORMATION:

Formation: LKC "C-D"
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 03:56:00
 Time Test Ended: 08:44:30
 Interval: 3354.00 ft (KB) To 3396.00 ft (KB) (TVD)
 Total Depth: 3396.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Initial)
 Tester: Phillip Gage
 Unit No: 62
 Reference Elevations: 2107.00 ft (KB)
 2102.00 ft (CF)
 KB to GR/CF: 5.00 ft

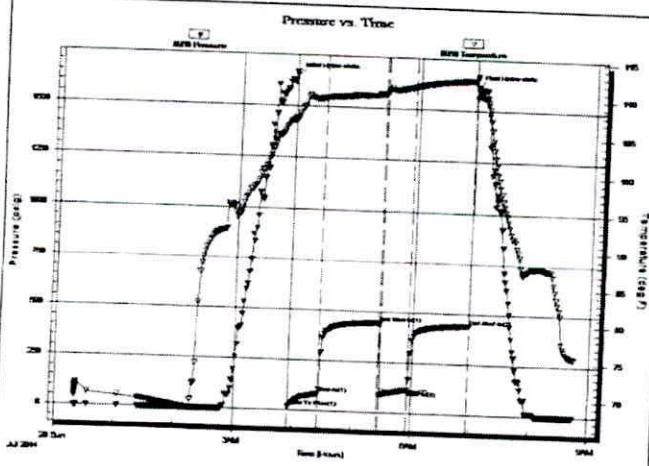
Serial #: 8960

Outside

Press@RunDepth: 117.64 psig @ 3355.00 ft (KB)
 Start Date: 2014.07.20 End Date: 2014.07.20
 Start Time: 00:20:01 End Time: 08:44:30

Capacity: 8000.00 psig
 Last Calib.: 2014.07.20
 Time On Btm: 2014.07.20 @ 03:55:30
 Time Off Btm: 2014.07.20 @ 06:58:30

TEST COMMENT: 30-IF-Built to 7 1/2"
 60-ISI-Weak Surface Blow, Died in 15 mins
 30-FF-Built to 6 1/2"
 60-FSI-Weak Surface Blow, Died in 22 mins



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1646.28 | 107.04 | Initial Hydro-static |
| 1 | 18.44 | 106.63 | Open To Flow (1) |
| 31 | 86.45 | 109.57 | Shut-In(1) |
| 91 | 445.04 | 110.28 | End Shut-In(1) |
| 92 | 90.66 | 110.71 | Open To Flow(2) |
| 120 | 117.64 | 111.43 | Shut-In(2) |
| 182 | 440.97 | 112.42 | End Shut-In(2) |
| 183 | 1610.59 | 112.76 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-----------------------------------|--------------|
| 120.00 | VSGMCW, 5%g, 20%m, 75%w, with oil | 50.59 |
| 63.00 | VSGOWCM, 5%g, 5%o, 30%w, 60%m | 0.62 |
| 20.00 | VSGOWCM, 5%g, 5%o, 5%w, 85%m | 0.28 |
| 20.00 | O, 100%o | 0.28 |
| 0.00 | 63' GP | 0.00 |

Gas Rates

| Choke (inches) | Pressure (psig) | Gas Rate (Mcf/d) |
|----------------|-----------------|------------------|
| | | |



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Trek AEC LLC

Sec. 36-6s-20w Rooks, KS

155 N Market Ste 710
Wichita, KS 67202

Vehicle #3-36

Job Ticket: 59420

DST#: 1

ATTN: Aaron Young

Test Start: 2014.07.20 @ 00:20:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 50.00 sec/qt

Water Loss: 6.40 in³

Resistivity: ohm.m

Salinity: 1000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

38 deg API

Water Salinity:

ppm

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|---|---------------|
| 120.00 | VSGMCW, 5%g, 20%m, 75%w, with oil spots | 0.590 |
| 63.00 | VSGOWCM, 5%g, 5%o, 30%w, 60%m | 0.884 |
| 20.00 | VSGOWCM, 5%g, 5%o, 5%w, 85%m | 0.281 |
| 20.00 | O, 100%o | 0.281 |
| 0.00 | 63' GIP | 0.000 |

Total Length: 223.00 ft Total Volume: 2.036 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

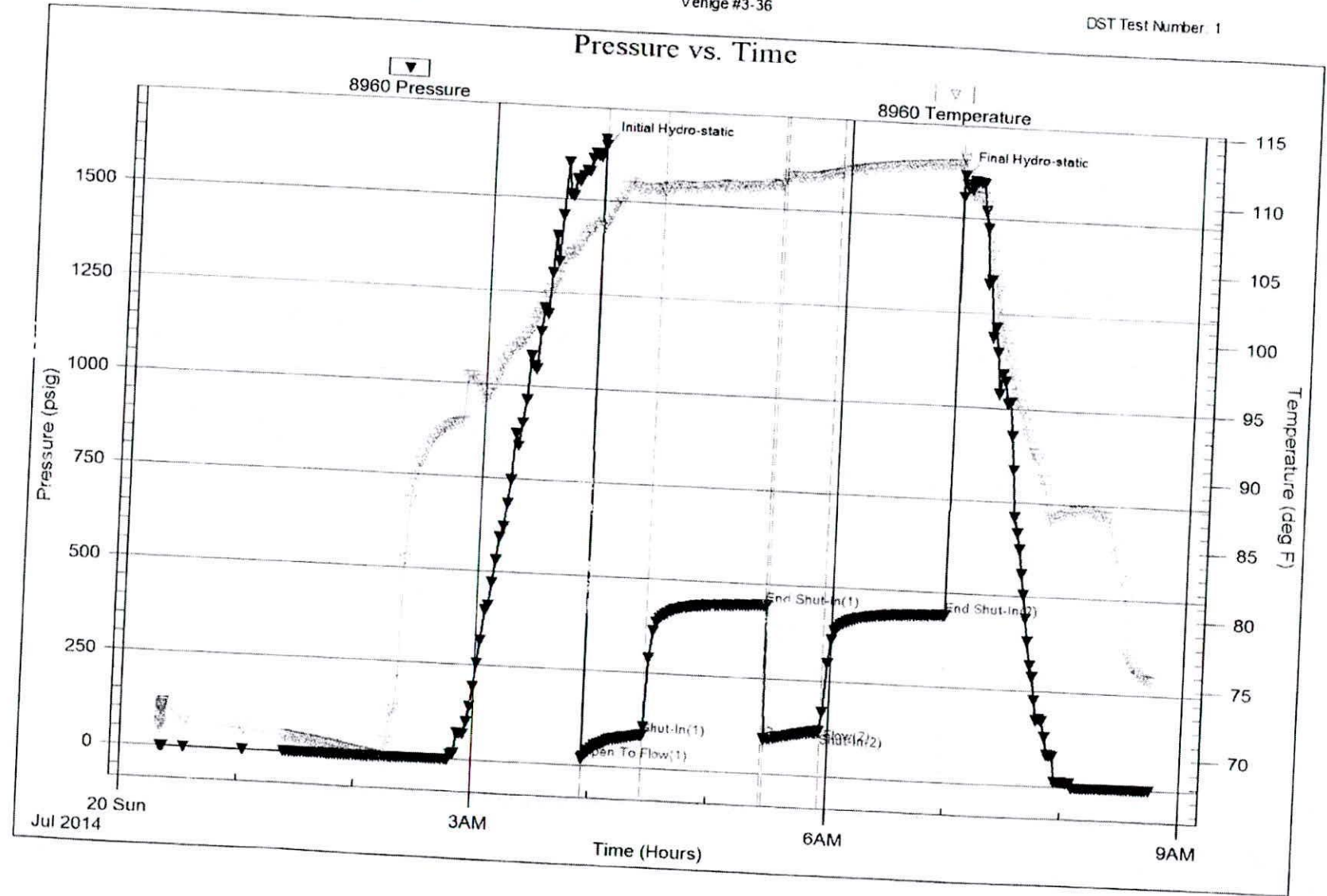
Recovery Comments: .087 @ 74 degrees = 41,000 Salinity

Serial #: 8960

Outside Trek AEC LLC

Vehige #3-36

DST Test Number 1





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Trek AEC LLC
 155 N Market Ste 710
 Wichita, KS 67202
 ATTN: Aaron Young

Sec. 36-6s-20w Rooks, KS

Vehicle #3-36

Job Ticket: 58380

DST#: 2

Test Start: 2014.07.20 @ 19:21:36

GENERAL INFORMATION:

Formation: LKC "I&J"
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 20:59:06
 Time Test Ended: 01:43:36
 Interval: 3462.00 ft (KB) To 3503.00 ft (KB) (TVD)
 Total Depth: 3503.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches
 Hole Condition: Fair

Test Type: Conventional Bottom Hole (Reset)
 Tester: Brian Lonsdale
 Unit No: 62
 Reference Elevations: 2107.00 ft (KB)
 2102.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8960

Outside

Press@RunDepth: 29.64 psig @ 3463.00 ft (KB)
 Start Date: 2014.07.20 End Date:
 Start Time: 19:21:37 End Time:

Capacity: 8000.00 psig
 Last Calib.: 2014.07.21
 Time On Btm: 2014.07.20 @ 20:58:06
 Time Off Btm: 2014.07.21 @ 00:01:36

TEST COMMENT: 30- IF- Surface blow died in 6mins
 60- IS- No blow
 30- FF- No blow
 60- FS- No blow



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------------|
| 0 | 1733.10 | 109.13 | Initial Hydro-static - IHP |
| 1 | 18.00 | 109.26 | Open To Flow (1) } IFP |
| 32 | 23.86 | 109.82 | Shut-In(1) } |
| 92 | 111.88 | 110.84 | End Shut-In(1) } ISIP |
| 92 | 29.64 | 110.95 | Open To Flow (2) } FFP |
| 122 | 29.64 | 111.45 | Shut-In(2) } |
| 182 | 85.42 | 112.40 | End Shut-In(2) } FSIP |
| 184 | 1690.88 | 113.30 | Final Hydro-static - FHP |

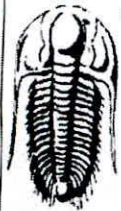
Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|---------------|--------------|
| 30.00 | SOCM 5%O 95%M | 0.15 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

| Choke (inches) | Pressure (psig) | Gas Rate (Mc/d) |
|----------------|-----------------|-----------------|
| | | |

* Recovery from multiple tests



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Trek AECLLC
 155 N Market Ste 710
 Wichita, KS 67202
 ATTN: Aaron Young

Sec. 36-6s-20w Rooks, KS
Vehige #3-36
 Job Ticket: 58380 DST#: 2
 Test Start: 2014.07.20 @ 19:21:36

Mud and Cushion Information

Mud Type: Gel Chem
 Mud Weight: 9.00 lb/gal
 Viscosity: 55.00 sec/qt
 Water Loss: 6.80 in³
 Resistivity: ohm.m
 Salinity: 1500.00 ppm
 Filter Cake: inches

Cushion Type:
 Cushion Length: ft
 Cushion Volume: bbl
 Gas Cushion Type:
 Gas Cushion Pressure: psig

Oil API: deg API
 Water Salinity: ppm

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|-----------|----------------|------------|
| 30.00 | SOOM, 5%O 95%M | 0.148 |

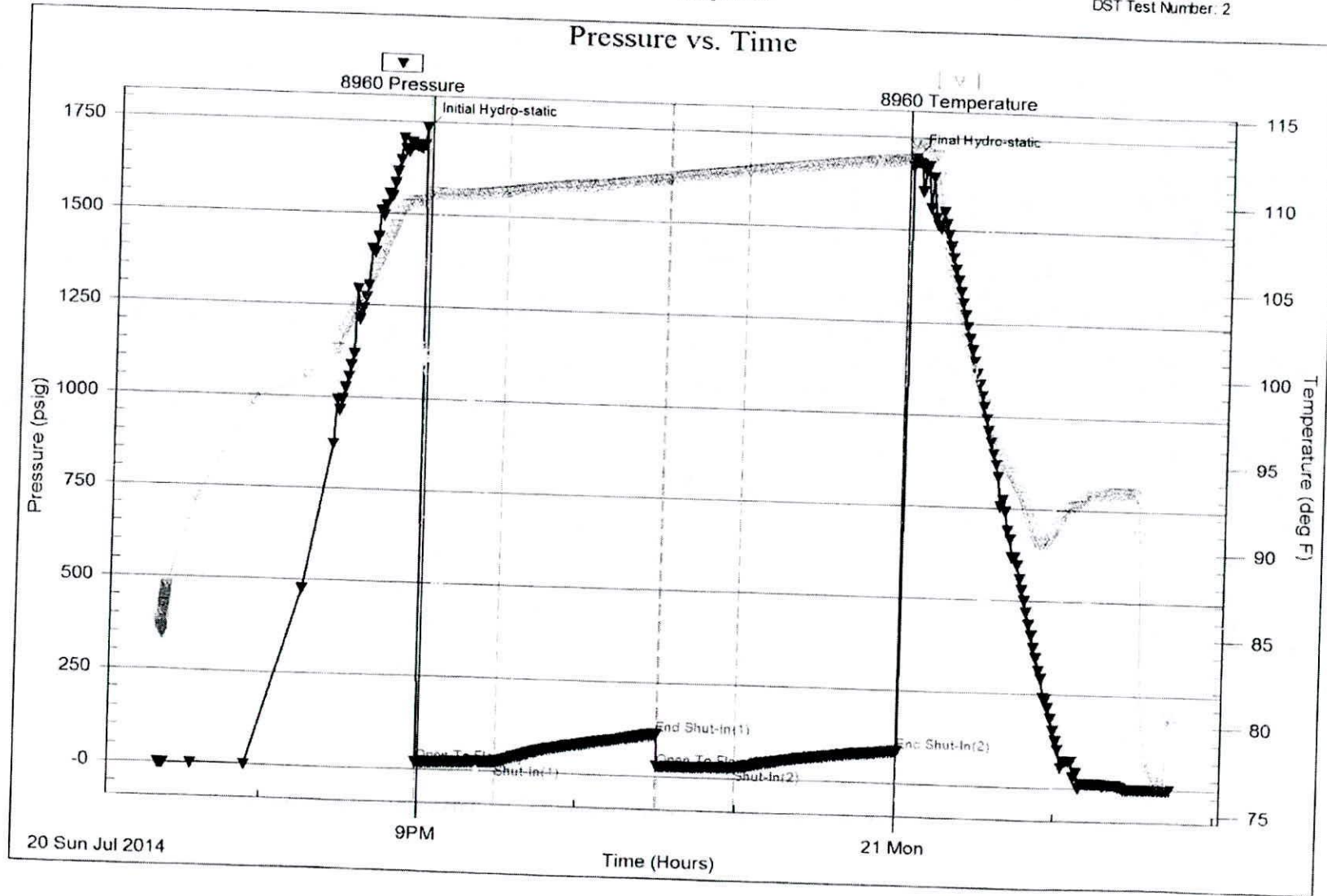
Total Length: 30.00 ft Total Volume: 0.148 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Serial #: 8960

Outside Trek AEC LLC

Vehige #3-36

DST Test Number: 2





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Trek AEC LLC

Sec. 36-6s-20w Rooks, KS

155 N Market Ste 710
Wichita, KS 67202

Vehicle #3-36

Job Ticket: 58381

DST#: 3

ATTN: Aaron Young

Test Start: 2014.07.21 @ 15:41:37

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

35 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.40 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1100.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|---------------------|---------------|
| 55.00 | GO, 10%G 90%O | 0.270 |
| 60.00 | SMWO, 5%M 35%W 60%O | 0.295 |
| 0.00 | 5' GIP | 0.000 |

Total Length: 115.00 ft Total Volume: 0.565 bbl

Num Fluid Samples: 0

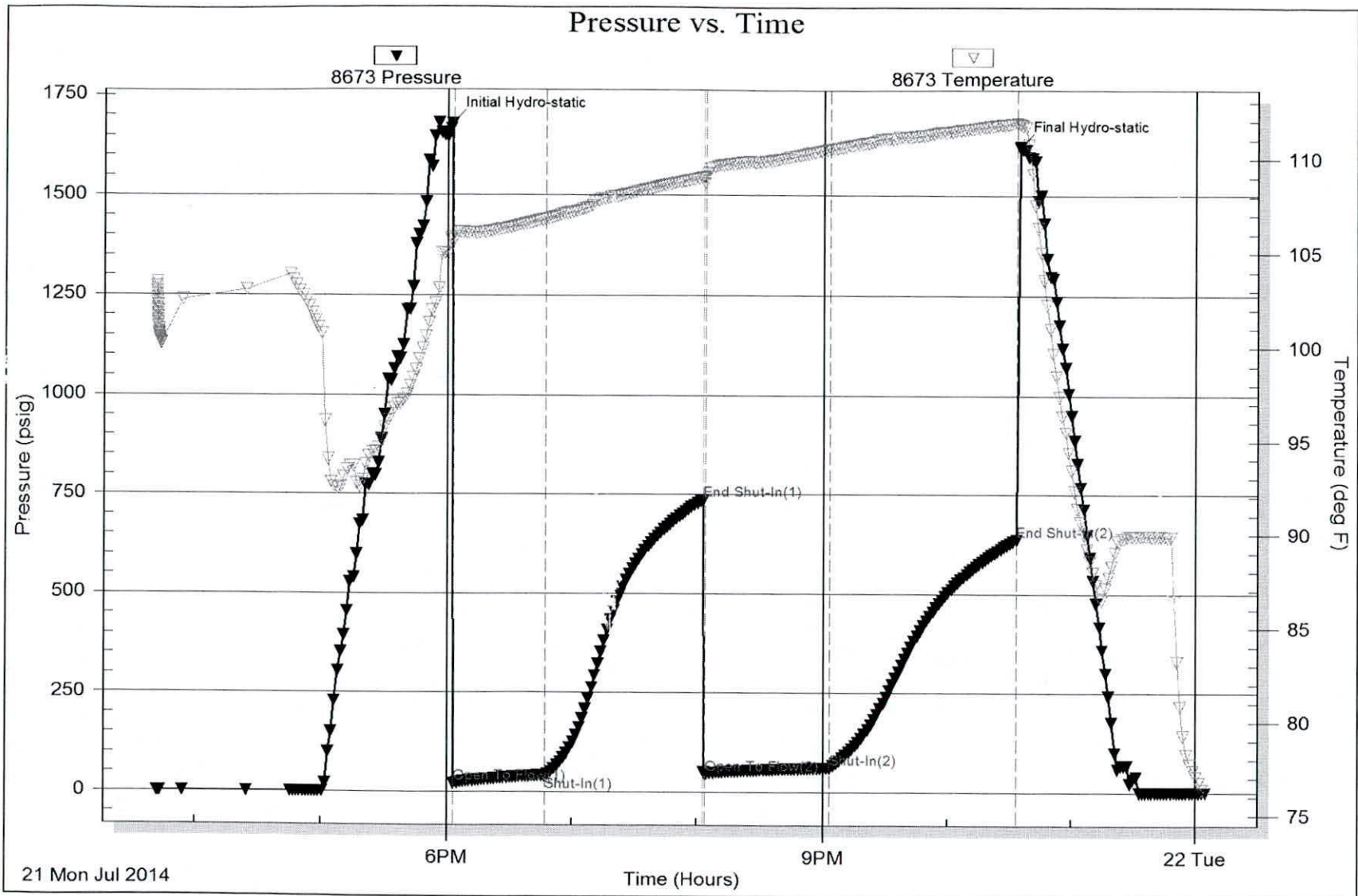
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





QUALITY OILWELL CEMENTING, INC.
 PO Box 32 - 740 West Wichita Ave, Russell KS 67665
 Phone:785-324-1041 fax:785-483-1087
 Email: cementing@ruraltel.net

Date: 7/22/2014
 Invoice # 565

P.O.#:
 Due Date: 8/21/2014
 Division: Russell

Invoice

Contact:
 TREK AEC, LLC
Address/Job Location:
 TREK AEC, LLC
 4925 GREENVILLE AVE
 SUITE 915
 DALLAS TX 75206

Reference:
 VEHIGE 3-36

Description of Work:
 PLUG JOB

| Services / Items Included: | Quantity | Price | Taxable | Item | Quantity | Price | Taxable |
|--|----------|-------------|---------|------|----------|-------|---------|
| Labor | | \$ 1,530.82 | Yes | | | | |
| Common-Class A | 174 | \$ 2,917.08 | Yes | | | | |
| POZ Mix-Standard | 116 | \$ 818.78 | Yes | | | | |
| Bulk Truck Mail-Material Service Charge | 300 | \$ 870.59 | Yes | | | | |
| Pump Truck Mileage-Job to Nearest Camp | 55 | \$ 613.48 | Yes | | | | |
| Bulk Truck Mileage-Job to Nearest Bulk Plant | 55 | \$ 368.99 | Yes | | | | |
| Premium Gel (Bentonite) | 10 | \$ 181.95 | Yes | | | | |
| Flo Seal | 72 | \$ 160.94 | Yes | | | | |
| Dry Hole Plug | 1 | \$ 62.59 | Yes | | | | |

Invoice Terms:

Net 30

SubTotal: \$ 7,313.19
 Discount Available ONLY if Invoice is Paid & Received within listed terms of invoice: \$ (1,096.98)

SubTotal for Taxable Items: \$ 6,216.21
 SubTotal for Non-Taxable Items: \$ -

6.15% Rooks County Sales Tax

Total: \$ 6,216.21
 Tax: \$ 382.30

Thank You For Your Business!

Amount Due: \$ 6,598.51
Applied Payments:
Balance Due: \$ 6,598.51

Past Due Invoices are subject to a service charge (annual rate of 24%)
 This does not include any applicable taxes unless it is listed.
 ©2008-2013 Straker Investments, LLC. All rights reserved.

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 565

| | | | | | | | | | | | | | | | |
|------|-----------|------|----|------|---|-------|----|--------|-------|-------|--------|-------------|--|--------|----------|
| Date | 7-22-2014 | Sec. | 36 | Twp. | 6 | Range | 20 | County | ROOKS | State | KANSAS | On Location | | Finish | 10:00 PM |
|------|-----------|------|----|------|---|-------|----|--------|-------|-------|--------|-------------|--|--------|----------|

Location OLD 24 Hwy & Logan RD. 3N 32E 1/4N

Lease VEHIGE Well No. 3-36 Owner

Contractor W-W DRLG Big # 6 "mark" To Quality Oilwell Cementing, Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Type Job Rotary Plug Charge To TREK - AEC LLC

Hole Size 7 7/8 T.D. 3660' Street

Csg. 8 5/8 Surface Depth City State

Size 4 1/2 X-H Depth @ 3550 The above was done to satisfaction and supervision of owner agent or contractor.

Tool Depth Cement Amount Ordered 290 SX ⁶⁰/₄₀ 4% GEL

Cement Left In Csg. Shoe Joint Cement Amount Ordered 44# FLO-Seal Per SX

Meas Line Displace Common 174

EQUIPMENT Poz. Mix 116

Pumptrk 18 No. Cementer Helper GLEN G. CODY B. Gel. 10

Bulktrk 4 No. Driver CLAYTON B. Calcium

Bulktrk No. Driver Hulls

JOB SERVICES & REMARKS Salt

Remarks: Hole Flowseal 72#

Mouse Hole Kol-Seal

Centralizers Mud CLR 48

Baskets CFL-117 or CD110 CAF 38

D/V or Port Collar Sand

Handling 300

Mileage

50 SX @ 3550' **FLOAT EQUIPMENT**

50 SX @ 1691 Guide Shoe

100 SX @ 1003 Centralizer

50 SX @ 309 Baskets

10 SX @ 40 & Plug AFU Inserts

30 SX @ Patch hole Float Shoe

Latch Down

WOODEN WIPER PLUG

Pumptrk Charge plug

Mileage 53

THANKS

Signature Mal Reese Tax

Discount

Total Charge



QUALITY OILWELL CEMENTING, INC.

PO Box 32 - 740 West Wichita Ave, Russell KS 67665
 Phone:785-324-1041 fax:785-483-1087
 Email: cementing@ruraltel.net

Date: 7/16/2014
 Invoice # 517

P.O.#:

Due Date: 8/15/2014

Division: Russell

Invoice

Contact:

TREK AEC, LLC
Address/Job Location:
 TREK AEC, LLC
 4925 GREENVILLE AVE
 SUITE 915
 DALLAS TX 75206

Reference:

VEHIGE 3-36

Description of Work:

SURFACE JOB

Services / Items Included:

| | Quantity | Price | Taxable | Item | Quantity | Price | Taxable |
|--|----------|-------------|---------|------|----------|-------|---------|
| Labor | | \$ 1,020.55 | No | | | | |
| Common-Class A | 150 | \$ 2,514.71 | Yes | | | | |
| Pump Truck Mileage-Job to Nearest Camp | 55 | \$ 613.48 | No | | | | |
| Bulk Truck Mileage-Job to Nearest Bulk Plant | 56 | \$ 358.99 | No | | | | |
| Bulk Truck Mat-Material Service Charge | 158 | \$ 353.18 | No | | | | |
| Calcium Chloride | 5 | \$ 311.04 | Yes | | | | |
| Flo Seal | 50 | \$ 111.76 | Yes | | | | |
| Premium Gel (Bantonite) | 3 | \$ 54.59 | Yes | | | | |

Invoice Terms:

Net 30

SubTotal: \$ 5,338.28
 Discount Available ONLY if Invoice is Paid & Received within listed terms of invoice: \$ (800.74)

SubTotal for Taxable Items: \$ 2,543.28

SubTotal for Non-Taxable Items: \$ 1,994.26

Total: \$ 4,537.54

Tax: \$ 156.41

6.15% Rooks County Sales Tax

Amount Due: \$ 4,693.95

Applied Payments:

Balance Due: \$ 4,693.95

Thank You For Your Business!

Past Due Invoices are subject to a service charge (annual rate of 24%)

This does not include any applicable taxes unless it is listed.

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Geologic Report
Aaron L. Young

Drilling Time and Sample Log

Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: Vehige #3-36
Well Id:
Location: Section 36 - T6S - R20W
License Number: API: 15-163-24236
Spud Date: 7 / 16 / 2014
Surface Coordinates: 1320' FSL and 2310' FEL
Approx. W2 - W2 - SE

Region: Rooks Co., KS
Drilling Completed: 7 / 22 / 2014

Bottom Hole Coordinates:
Ground Elevation (ft): 2102' K.B. Elevation (ft): 2107'
Logged Interval (ft): 3100' To: 3660' Total Depth (ft): 3660'
Formation: Arbuckle
Type of Drilling Fluid: Chemical - Mud-Co

Printed by WellSight Log Viewer from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Trek AEC, LLC
Address: 155 N Market, Suite 710
Wichita, KS 67202

GEOLOGIST

Name: Aaron L. Young
Company: Young Consulting LLC
Address: 155 N. Market, Suite 710
Wichita, Kansas 67202

General Info

CONTRACTOR: WW Drilling, Rig #6

BIT RECORD:

| No. | Size | Make | Jets | Out | Feet | Hours |
|-----|--------|-----------|----------|------|------|-------|
| 1 | 12-1/4 | Smith | 14-14-15 | 259 | 254 | 3.75 |
| 2 | 7-7/8 | Smith F27 | 14-14-15 | 4660 | 4406 | 62.5 |

SURVEYS: 259' - 3/4 3396' - 3/4 3660' - 3/4

GENERAL DRILLING AND PUMP INFORMATION:

Drilling with 35,000 lbs. on bit and approx 85 RPM.
Running 7 stands of collars; 422.60'
Pumping approx 800-900 psi at standpipe.

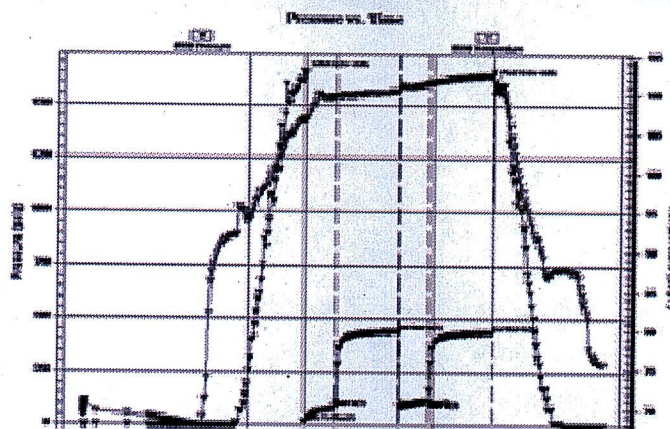
Daily Status

7/16/14 - Spud
7/17/14 - Drilling @ 312"
7/18/14 - Drilling @ 2224', Bit trip at 2506'
7/19/14 - Drilling @ 3120'
7/20/14 - DST #1 3354'-3396', DST #2 3462'-3503'
7/21/14 - DST #3 3569'-3591'
7/22/14 - TD 3660', Logged, Plugged

DST #1 LKC 'C' & 'D' 3,354'-3,396'
30"-60"-30"-60"

IF: Built to 7 1/2"
ISI: Weak surface blow, died in 19 min
FF: Built to 6 1/2"
FSI: Weak surface blow, died in 22 min

Rec': 120' w/ oil spots VSGMCW (5% G, 75% W, 70% M),
63' VSGOWCM (5% G, 5% O, 30% W, 60% M), 20'
VSGOWCM (5% G, 5% O, 5% W, 85% W), 20' O, 63' GIP

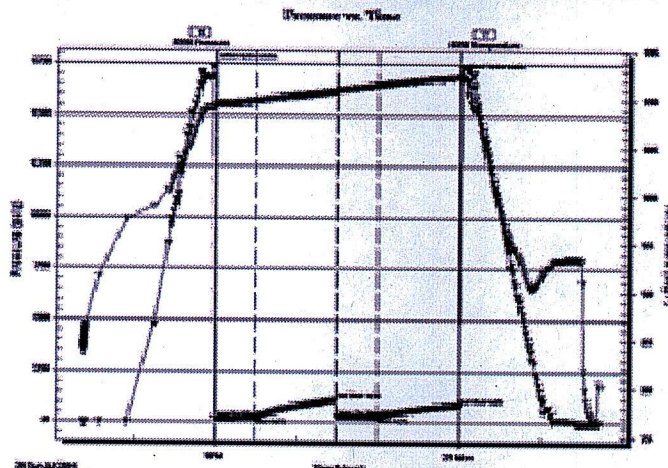


DST #2 LKC 'I' & 'J' 3,462'-3,503'
30"-60"-30"-60"

IF: Surface blow, died in 6 min
ISI: No return
FF: No blow
FSI: No return

Rec': 30' SOCM (5% O, 95% M)

SIP: 112-85; FP: 18-24, 27-30; HP: 1733-1691

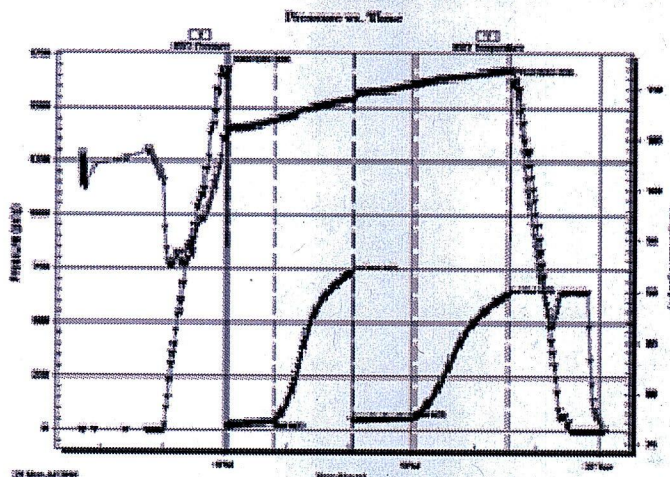


DST #3 Arbuckle 3,569'-3,591'
45"-75"-60"-90"

IF: Built very slowly to 1"
ISI: No return
FF: No blow
FSI: No return

Rec': 55' GO (10% G, 90% O), 60' SMWO (60% O, 35% W, 5% M), 5' GIP

SIP: 736-636; FP: 20-41, 45-61; HP: 1678-1621



ROCK TYPES

| | | | |
|-------|-------|---------|----------|
| Anhy | Gyp | Shgy | Sandylms |
| Bent | Igne | Sltst | Shale |
| Brec | Lmst | Ss | Sltstn |
| Cht | Meta | Till | Shlyslts |
| Clyst | Mrlst | Carb sh | Sltyslts |
| Coal | Salt | Dol | Lms |
| Congl | Shale | Dtd | |
| Dol | Shcol | Gry sh | |

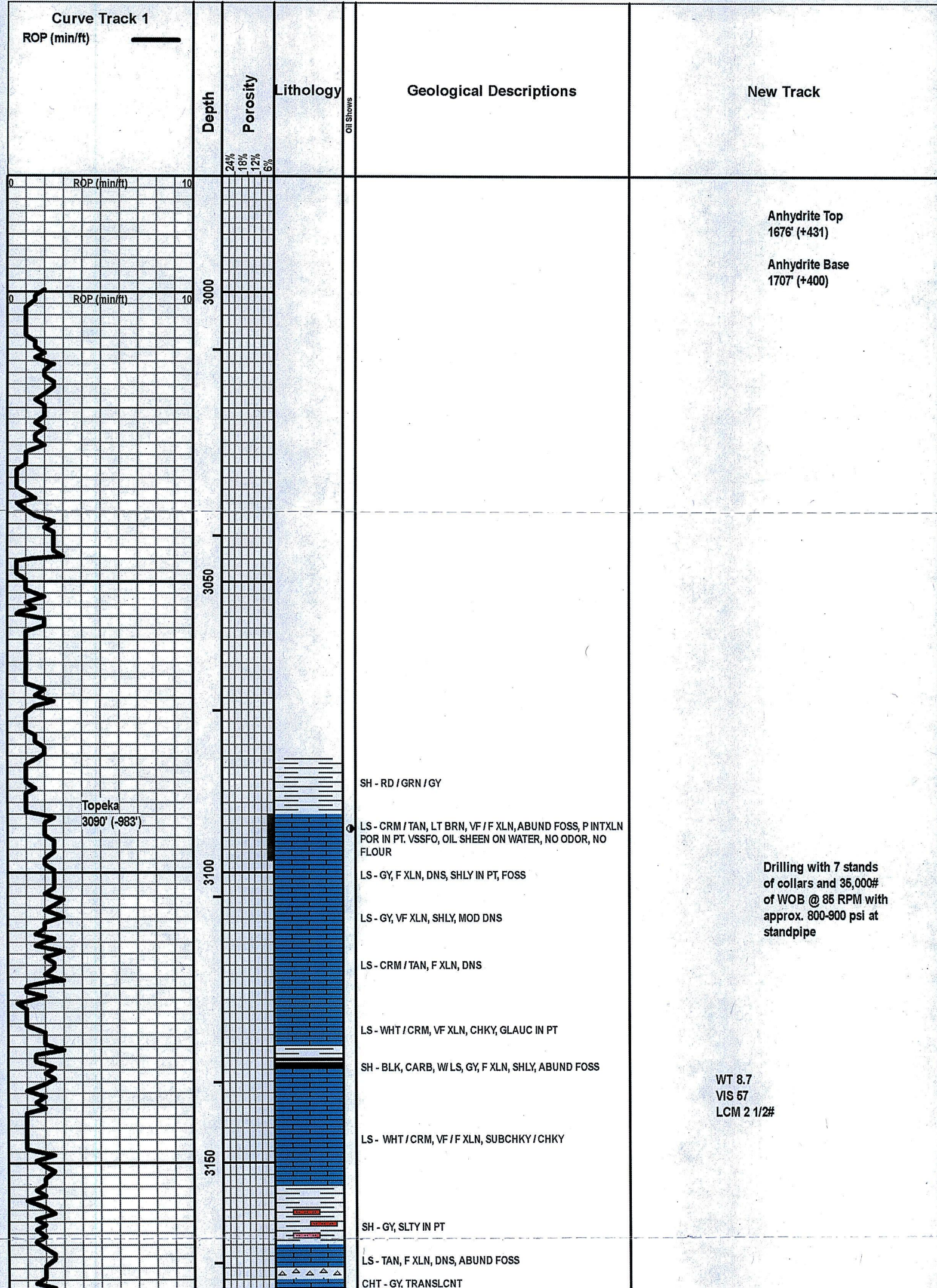
ACCESSORIES

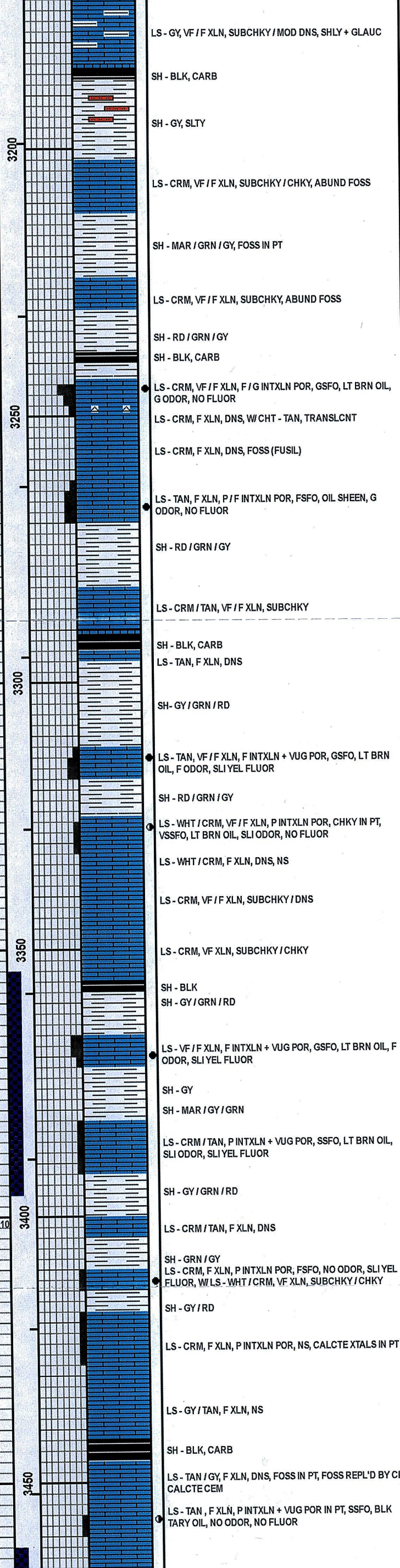
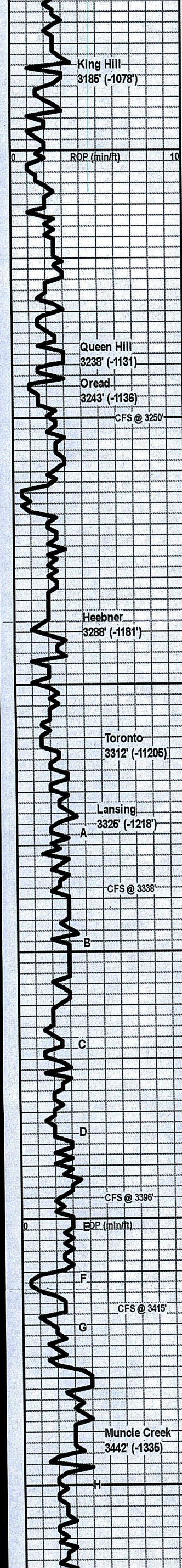
| | | | |
|----------------|---------------|-----------------|----------------|
| MINERAL | Salt | Fossil | Clystn |
| Anhy | Sandy | Gastro | Dol |
| Arggrn | Silt | Oolite | Grysh |
| Arg | Sil | Ostra | Gryslt |
| Bent | Sulphur | Pelec | Lms |
| Bit | Tuff | Pellet | Sandylms |
| Brecfrag | Chlorite | Pisolite | Sh |
| Calc | Dol | Plant | Sltstn |
| Carb | Sand | Strom | |
| Chtdk | Silty | Fuss | |
| Chtlt | | Oomold | |
| Dol | FOSSIL | STRINGER | TEXTURE |
| Feldspar | Algae | Anhy | Boundst |
| Ferrpel | Amph | Arg | Chalky |
| Ferr | Belm | Bent | Cryxln |
| Glau | Bioclst | Coal | Earthy |
| Gyp | Brach | Dol | Finexln |
| Hvymin | Bryozoa | Gyp | Grainst |
| Kaol | Cephal | Ls | Lithogr |
| Marl | Coral | Mrlst | Microxln |
| Minxl | Crin | | Mudst |

| | | | | | |
|--|--------|--|-------|--|---------|
| | Nodule | | Echin | | Sltstrg |
| | Phos | | Fish | | Ssstrg |
| | Pyr | | Foram | | Carbsh |

OTHER SYMBOLS

| | | | |
|----------------------|-----------------|------------------|---------------|
| POROSITY TYPE | SORTING | OIL SHOWS | Dst |
| Earthy | Well | Even | Dst |
| Fenest | Moderate | Spotted | EVENTS |
| Fracture | Poor | Ques | Rft |
| Inter | ROUNDING | Dead | Sidewall |
| Moldic | Rounded | Gas show | Conn |
| Organic | Subrnd | INTERVALS | |
| Pinpoint | Subang | Core | |
| Vuggy | Angular | Dst | |





WT 8.7
VIS 55
LCM 2#

WT 8.8
VIS 52
LCM 2#

WT 8.9
VIS 50
LCM 2#

WT 9.0
VIS 50
LCM 2 1/2#

DST #1
LKC 'C' & 'D'
3354'-3396'
30"-60"-30"-60"

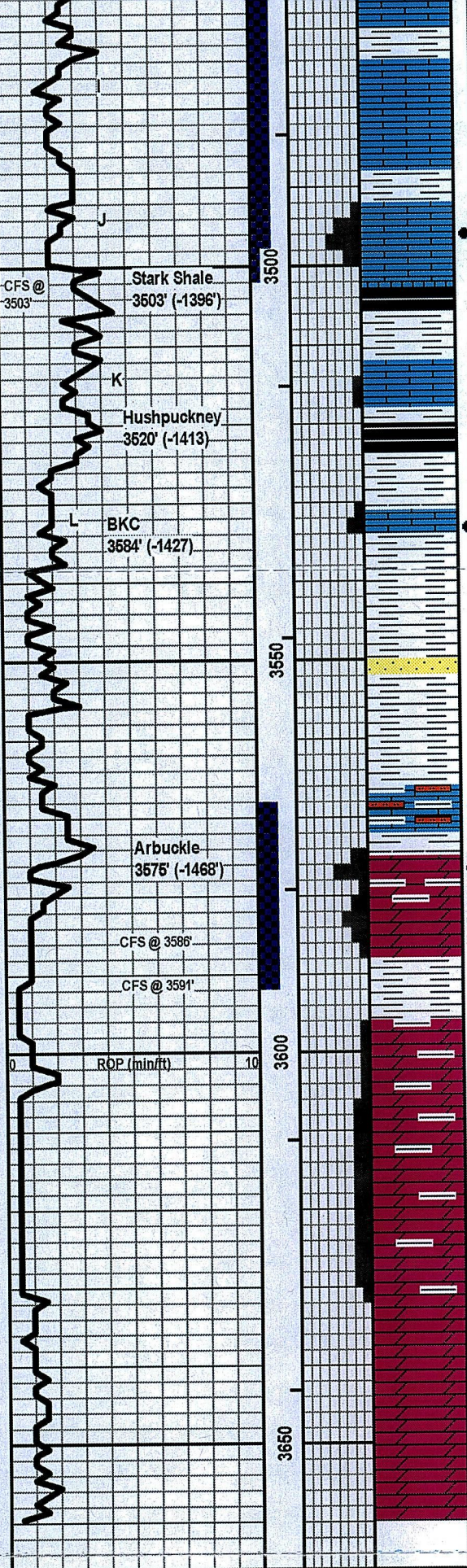
IF: Built to 7 1/2"
ISI: W surface blow, died in 19 min
FF: Built to 6 1/2"
FSI: W surface blow, died in 22 min

Rec': 120' w/ oil spots (5% G, 75% W, 70% M), 63' (5% G, 5% O, 30% W, 60% M), 20' (5% G, 5% O, 5% W, 85% W), 20' O, 63' GIP

IH: 1646#
IF: 18#-86#
ISI: 445#
FF: 90#-117#
FSI: 440#
FH: 1610#

WT 9.1
VIS 48
LCM 2 1/2#

WT 9.1
VIS 61
LCM 2#



LS - CRM / GY, VF / F XLN, CHKY IN PT, SHLY IN PT
SH - GRN

LS - CRM / TAN, VF / F XLN, SUBCHKY, NS

SH - RD

LS - CRM / TAN, F XLN, F / G / XLCNT INTXLN + VUG POR, GSFO, LT BRN OIL, V G ODOR, SLI YEL FLUOR, FOSS

LS - WHT / CRM, F XLN, DNS, FOSS

SH - BLK, CARB

SH - GY

LS - CRM / TAN, F XLN, P INT XLN POR IN PT, SSFO, NO ODOR, SLI YEL FLUOR

SH - RD / GRN / GY

SH - BLK, CARB, W SH - RD / GRN / GY

LS - CRM, F XLN, P / F INTXLN POR, GSFO, LT BRN OIL, SLI ODOR, SLI YEL FLUOR

SH - RD / GRN

SH - RD

SS - CLR, F GR, WSRTD, GLAUC

SH - RD / GRN

LS - CRM / TAN, VF XLN, SUBCHKY / CHKY, SHLY + SLTY

SH - RD, SLTY IN PT

DOLO - WHT / CRM / TAN, VF / F XLN, SNDY IN PT, F / G INTXLN POR, SUC IN PT, GSFO, LT BRN OIL, SLI YEL FLUOR

DOLO - CRM, VF / F XLN, F / G INTXLN POR, GSFO, LT BRN OIL, G ODOR, NO FLUOR

SH - RD / GRN

DOLO - CRM, F XLN, P INTXLN POR, SLI SHOW DEAD OIL, BLK TARY OIL, SLI ODOR, NO FLUOR, W SH - GRN / RD

DOLO - CRM / TAN, F XLN, P / F INTXLN POR, ABUND OF DEAD OIL, BLK TARY OIL, F ODOR, NO FLUOR, W SH - GRN / RD

DOLO - CRM, F XLN, P / F INTXLN POR, DEAD OIL IN PT, BLK TARY OIL, SLI ODOR, NO FLUOR, W SH - GRN / RD

DOLO - CRM, F XLN, DNS, NS

DST #2
LKC 'I' & 'J'
3462'-3503'
30"-60"-30"-60"

IF: Surface blow, died in 6 min
ISI: No return
FF: No blow
FSI: No return

Rec: 30' SOCM (5% O, 95% M)

IH: 1733#
IF: 18#-24#
ISI: 112#
FF: 27#-30#
FSI: 85#
FH: 1691#

DST #3
Arbuckle
3569'-3591'
45"-75"-60"-90"

IF: Built very slowly to 1"
ISI: No return
FF: No blow
FSI: No return

Rec: 55' GO (10% G, 90% O), 60' SMWO (60% O, 35% W, 5% M), 5' GIP

IH: 1678#
IF: 20#-41#
ISI: 736#
FF: 45#-61#
FSI: 636#
FH: 1621#

SAMPLES WERE VERY POOR RIGHT AFTER TEST; LOST CIRCULATION RIGHT AFTER TEST

WT 9.0
VIS 54
LCM 4#

RTD 3660'