



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1133592
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: _____



1133592

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

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

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

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

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

| CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used | | | | | | | |
|---|-------------------|---------------------------|-------------------|---------------|----------------|--------------|----------------------------|
| Report all strings set-conductor, surface, intermediate, production, etc. | | | | | | | |
| Purpose of String | Size Hole Drilled | Size Casing Set (In O.D.) | Weight Lbs. / Ft. | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

| ADDITIONAL CEMENTING / SQUEEZE RECORD | | | | |
|--|------------------|----------------|--------------|----------------------------|
| Purpose: | Depth Top Bottom | Type of Cement | # Sacks Used | Type and Percent Additives |
| <input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone | | | | |
| | | | | |

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> _____ <i>(Submit ACO-4)</i> | PRODUCTION INTERVAL: _____ _____ |
|--|---|---|

| | |
|-----------|---------------------------|
| Form | ACO1 - Well Completion |
| Operator | Shakespeare Oil Co., Inc. |
| Well Name | Janzen 2-26 |
| Doc ID | 1133592 |

All Electric Logs Run

| |
|-----------------|
| |
| Array Induction |
| Photo Density |
| Comp Neutron |
| Microlog |
| Sonic |

| | |
|-----------|---------------------------|
| Form | ACO1 - Well Completion |
| Operator | Shakespeare Oil Co., Inc. |
| Well Name | Janzen 2-26 |
| Doc ID | 1133592 |

Tops

| Name | Top | Datum |
|-------------------|------|-------|
| Base Anhydrite | 2464 | +661 |
| Heebner | 3991 | -866 |
| Lansing | 4030 | -905 |
| Muncie Creek | 4216 | -1091 |
| Stark Shale | 4317 | -1192 |
| Hushpuckney | 4362 | -1237 |
| BKC | 4413 | -1288 |
| Pawnee | 4540 | -1415 |
| L. Cherokee Shale | 4620 | -1495 |
| Johnson | 4676 | -1551 |
| Morrow Shale | 4737 | -1612 |
| Mississippian | 4822 | -1697 |

PO Box 93999
Southlake, TX 76092

Voice: (817) 546-7282
Fax: (817) 246-3361

INVOICE

Invoice Number: 135351
Invoice Date: Mar 18, 2013
Page: 1

Bill To:

Shakespeare Oil Co., Inc.
202 West Main St.
Salem, IL 62881

Now Includes:

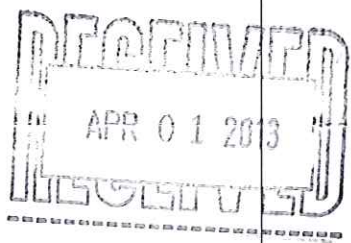


| Customer ID | Field Ticket # | Payment Terms | |
|--------------|----------------|---------------|----------|
| Shak | 60125 | Net 30 Days | |
| Job Location | Camp Location | Service Date | Due Date |
| KS1-04 | Oakley | Mar 18, 2013 | 4/17/13 |

| Quantity | Item | Description | Unit Price | Amount |
|----------|-------------|-----------------------|------------|----------|
| 250.00 | MAT | Janzen #2-26 | | |
| | | Class A Common | 17.90 | 4,475.00 |
| 135.00 | MAT | Pozmix | 9.35 | 1,262.25 |
| 27.00 | MAT | Gel | 23.40 | 631.80 |
| 6.00 | MAT | Cottonseed Hulls | 35.00 | 210.00 |
| 96.00 | MAT | Flo Seal | 2.97 | 285.12 |
| 606.30 | SER | Cubic Feet | 2.48 | 1,503.62 |
| 1,082.25 | SER | Ton Mileage | 2.60 | 2,813.85 |
| 1.00 | SER | Port Collar | 2,483.59 | 2,483.59 |
| 45.00 | SER | Pump Truck Mileage | 7.70 | 346.50 |
| 45.00 | SER | Light Vehicle Mileage | 4.40 | 198.00 |
| 1.00 | CEMENTER | Andrew Forslund | | |
| 1.00 | EQUIP OPER | Dane Retzloff | | |
| 1.00 | OPER ASSIST | Ty Schrock | | |

INT

Port Collar Cement
10502-S



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

\$ 2,841.94

ONLY IF PAID ON OR BEFORE
Apr 12, 2013

| | |
|------------------------|------------------|
| Subtotal | 14,209.73 |
| Sales Tax | 569.73 |
| Total Invoice Amount | 14,779.46 |
| Payment/Credit Applied | |
| TOTAL | 14,779.46 |

DW

PO Box 93999
Southlake, TX 76092

Voice: (817) 546-7282
Fax: (817) 246-3361

INVOICE

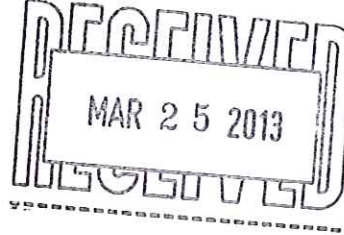
Invoice Number: 135265

Invoice Date: Mar 15, 2013

Page: 1

Bill To:

Shakespeare Oil Co., Inc.
202 West Main St.
Salem, IL 62881



Now Includes:



| Customer ID | Field Ticket # | Payment Terms | |
|--------------|----------------|---------------|----------|
| Shak | 60182 | Net 30 Days | |
| Job Location | Camp Location | Service Date | Due Date |
| KS1-02 | Oakley | Mar 15, 2013 | 4/14/13 |

| Quantity | Item | Description | Unit Price | Amount |
|----------|-------------|-----------------------|------------|----------|
| 4.00 | MAT | Janzen #2-26 | | |
| | | Gel | 23.40 | 93.60 |
| 205.00 | MAT | ASC | 20.90 | 4,284.50 |
| 21.00 | MAT | Salt | 26.35 | 553.35 |
| 1,025.00 | MAT | Gilsonite | 0.98 | 1,004.50 |
| 154.00 | MAT | CD-31 | 10.30 | 1,586.20 |
| 12.00 | MAT | Super Flush | 58.70 | 704.40 |
| 264.61 | SER | Cubic Feet | 2.48 | 656.23 |
| 516.60 | SER | Ton Mileage | 2.60 | 1,343.16 |
| 1.00 | SER | Production | 2,765.75 | 2,765.75 |
| 45.00 | SER | Pump Truck Mileage | 7.70 | 346.50 |
| 1.00 | SER | Manifold Head Rental | 275.00 | 275.00 |
| 1.00 | SER | Rotating Head Rental | 275.00 | 275.00 |
| 45.00 | SER | Light Vehicle Mileage | 4.40 | 198.00 |
| 1.00 | CEMENTER | Darren Racette | | |
| 1.00 | EQUIP OPER | Tyler Flipse | | |
| 1.00 | OPER ASSIST | Brandon Wilkinson | | |

INT

Production
10502-5

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

\$ 2,676.37

ONLY IF PAID ON OR BEFORE
Apr 9, 2013

| | |
|------------------------|------------------|
| Subtotal | 14,086.19 |
| Sales Tax | 682.80 |
| Total Invoice Amount | 14,768.99 |
| Payment/Credit Applied | |
| TOTAL | 14,768.99 |

DW

ALLIED OIL & GAS SERVICES, LLC

060182

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:

Orkney

| | | | | | | | |
|----------------------------------|--------------------|---|-----------------|------------|---------------------|--------------------------|---------------------------|
| DATE <u>3-15-30</u> | SEC <u>26</u> | TWP <u>16</u> | RANGE <u>34</u> | CALLED OUT | ON LOCATION | JOB START <u>7:15 AM</u> | JOB FINISH <u>8:15 AM</u> |
| LEASE <u>Stancen</u> | WELL # <u>2-26</u> | LOCATION <u>Pence E To Eagle Rat 1/2 S-winter</u> | | | COUNTY <u>Scott</u> | STATE <u>KS</u> | |
| OLD OR <u>(NEW)</u> (Circle one) | | | | | | | |

CONTRACTOR HD #2

TYPE OF JOB Production

HOLE SIZE 7 7/8 T.D. 4827'

CASING SIZE 5 1/2 DEPTH 4826'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL Port Collar DEPTH 2417

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT 43.30

CEMENT LEFT IN CSG. 43.30

PERFS.

DISPLACEMENT 115.69

OWNER Same

CEMENT

AMOUNT ORDERED 205 SKS ASC 10% salt

2% Gel 5* Gilsonite 3/4 of 1% CD-31

EQUIPMENT

PUMP TRUCK CEMENTER Dawn Racette

431 HELPER Tyler Flipse

BULK TRUCK

404 DRIVER Brandon Wilkinson

BULK TRUCK

DRIVER

COMMON @

POZMIX @

GEL 4 SKS @ \$23.40 = \$93.60

CHLORIDE @

ASC 205 SKS @ \$20.90 = \$4284.00

@

Salt 20 SKS @ \$26.35 = \$553.35

Gilsonite 1025 # @ \$98 = \$1004.50

CD-31 154 # @ \$10.32 = \$1586.70

@

Super Flush 12 bbl @ \$58.70 = \$704.40

@

HANDLING 264.61 @ \$2.48 = \$656.23

MILEAGE 11.48 x 45 x @ \$2.60 = \$1343.16

TOTAL \$10225.94

REMARKS:

mix Super Flush - Plug Rathole 30SKs Cement

mix 175SKs Cement Washup Pump

& Lines Displace with water

Land Plug 1760# Lift 850'

Float Did Hold

Thank You.

CHARGE TO: Shakespeare Oil & Gas

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB 4904.5

PUMP TRUCK CHARGE = \$2765.15

EXTRA FOOTAGE @

MILEAGE 45 @ \$7.20 = \$316.50

MANIFOLD Head @ = \$275.00

Rotating Head @ = \$275.00

LV mileage @ \$440 = \$198.00

TOTAL \$3860.25

PLUG & FLOAT EQUIPMENT

@ _____

@ _____

@ _____

@ _____

@ _____

TOTAL _____

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 14,086.19

DISCOUNT 2,676.37 IF PAID IN 30 DAYS

11,409.81 Net.

PRINTED NAME Doug Roberts

SIGNATURE Doug Robert



PO Box 93999
Southlake, TX 76092

Voice: (817) 546-7282
Fax: (817) 246-3361

INVOICE

Invoice Number: 135039
Invoice Date: Feb 28, 2013
Page: 1

Bill To:

Shakespeare Oil Co., Inc.
202 West Main St.
Salem, IL 62881

Now Includes:



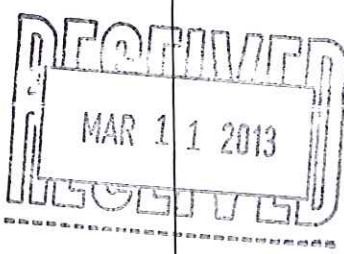
| Customer ID | Field Ticket # | Payment Terms | |
|--------------|----------------|---------------|----------|
| Shak | 60176 | Net 30 Days | |
| Job Location | Camp Location | Service Date | Due Date |
| KS1-01 | Oakley | Feb 28, 2013 | 3/30/13 |

| Quantity | Item | Description | Unit Price | Amount |
|----------|-------------|------------------------|------------|----------|
| 180.00 | MAT | Janzen #2-26 | 17.90 | 3,222.00 |
| 3.00 | MAT | Class A Common | 23.40 | 70.20 |
| 6.00 | MAT | Gel | 64.00 | 384.00 |
| 194.64 | SER | Chloride | 2.48 | 482.70 |
| 399.60 | SER | Cubic Feet | 2.60 | 1,038.96 |
| 1.00 | SER | Ton Mileage | 1,512.25 | 1,512.25 |
| 45.00 | SER | Surface | 7.70 | 346.50 |
| 45.00 | SER | Pump Truck Mileage | 4.40 | 198.00 |
| 1.00 | SER | Light Vehicle Mileage | 275.00 | 275.00 |
| 1.00 | CEMENTER | Manifold Swedge Rental | | |
| 1.00 | EQUIP OPER | Darren Racette | | |
| 1.00 | OPER ASSIST | Tyler Flipse | | |
| 1.00 | OPER ASSIST | Brandon Wilkinson | | |

INT

Surface

10502-S



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

\$ 1,656.51

ONLY IF PAID ON OR BEFORE
Mar 25, 2013

| | |
|------------------------|-----------------|
| Subtotal | 7,529.61 |
| Sales Tax | 305.12 |
| Total Invoice Amount | 7,834.73 |
| Payment/Credit Applied | |
| TOTAL | 7,834.73 |

DW

ALLIED OIL & GAS SERVICES, LLC 060176

Federal Tax I.D. # 20-8651476

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

SERVICE POINT: Orfley

| | | | | | | | |
|------------------------------------|--------------------|---|-----------------|------------|---------------------|--------------------------|---------------------------|
| DATE <u>2-28-13</u> | SEC. <u>26</u> | TWP. <u>16</u> | RANGE <u>34</u> | CALLED OUT | ON LOCATION | JOB START <u>7:00 AM</u> | JOB FINISH <u>1:30 PM</u> |
| LEASE <u>Janzen</u> | WELL # <u>2-26</u> | LOCATION <u>Pence E To Equette Rd - 5 1/2</u> | | | COUNTY <u>Scott</u> | STATE <u>Ks.</u> | |
| OLD OR NEW (Circle one) <u>NEW</u> | | w/into | | | | | |

CONTRACTOR HD #2
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 267'
 CASING SIZE 8 3/8 DEPTH 267'
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. 15'
 PERFS.
 DISPLACEMENT 16.12

OWNER Same
 CEMENT
 AMOUNT ORDERED 180 SKs Com 3% CC
2% Gel

| | | | |
|----------|--------------------|------------------|------------------------|
| COMMON | <u>180 SKs</u> | @ <u>\$17.92</u> | <u>\$3224.00</u> |
| POZMIX | | @ | |
| GEL | <u>3 SKs</u> | @ <u>\$23.92</u> | <u>\$71.76</u> |
| CHLORIDE | <u>6 SKs</u> | @ <u>\$64.92</u> | <u>\$389.76</u> |
| ASC | | @ | |
| | | @ | |
| | | @ | |
| | | @ | |
| | | @ | |
| | | @ | |
| | | @ | |
| | | @ | |
| | | @ | |
| HANDLING | <u>194.64 of x</u> | @ <u>\$2.28</u> | <u>\$443.76</u> |
| MILEAGE | <u>8.88 x 45 x</u> | @ <u>\$2.42</u> | <u>\$103.86</u> |
| | | | TOTAL <u>\$5197.86</u> |

EQUIPMENT
 PUMP TRUCK CEMENTER Darren Raette
 # 4623-281 HELPER Tyler Elipse
 BULK TRUCK
 # 404 DRIVER Brandon Wilkinson
 BULK TRUCK
 # DRIVER

REMARKS:
mix SKs Cement
Displace with water
Cement Did Circulate.

CHARGE TO: Shakespeare Oil + Gas
 STREET _____
 CITY _____ STATE _____ ZIP _____

SERVICE

| | | | |
|-------------------|-------------------|-----------------|------------------------|
| DEPTH OF JOB | <u>267'</u> | | |
| PUMP TRUCK CHARGE | | | <u>\$1512.25</u> |
| EXTRA FOOTAGE | | @ | |
| MILEAGE | <u>45</u> | @ <u>\$7.70</u> | <u>\$346.50</u> |
| MANIFOLD | <u>Swedge</u> | @ | <u>\$225.00</u> |
| | <u>Lv mileage</u> | @ <u>\$4.92</u> | <u>\$198.00</u> |
| | | @ | |
| | | | TOTAL <u>\$2331.75</u> |

PLUG & FLOAT EQUIPMENT

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

SALES TAX (if Any) _____
 TOTAL CHARGES 7,529.61
 DISCOUNT 1636.51 IF PAID IN 30 DAYS
5873.09 Net.

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.
 PRINTED NAME Doug Roberts
 SIGNATURE Doug Roberts



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil Co., Inc.

S26-16s-34w Scott, KS

202 W. Main St.
Salem, IL 62881

Janzen #2-26

Job Ticket: 51290

DST#: 1

ATTN: Tim Priest

Test Start: 2013.03.06 @ 22:17:00

GENERAL INFORMATION:

Formation: **LKC 'H'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:04:00

Time Test Ended: 06:37:09

Test Type: Conventional Bottom Hole (Initial)

Tester: Chuck Smith

Unit No: 62

Interval: 4214.00 ft (KB) To 4245.00 ft (KB) (TVD)

Reference Elevations: 3125.00 ft (KB)

Total Depth: 4245.00 ft (KB) (TVD)

3115.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8018

Inside

Press @ Run Depth: 71.86 psig @ 4217.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.03.06

End Date:

2013.03.07

Last Calib.: 2013.03.07

Start Time: 22:17:02

End Time:

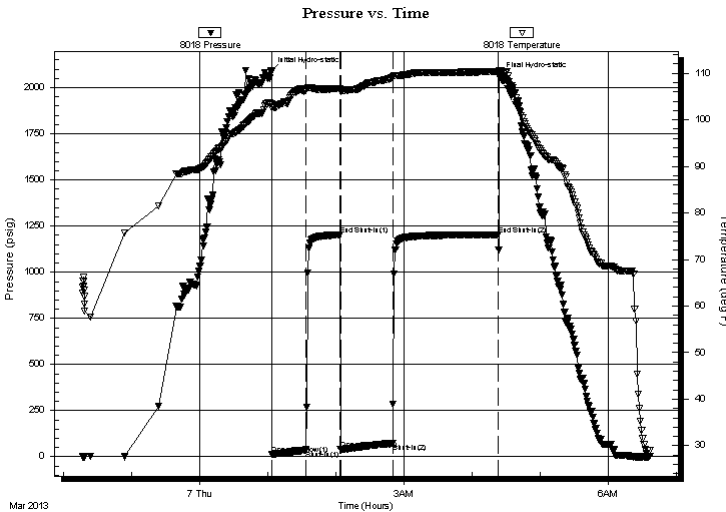
06:37:10

Time On Btm: 2013.03.07 @ 01:02:40

Time Off Btm: 2013.03.07 @ 04:24:09

TEST COMMENT: 2" Blow.
Weak return.
2 1/2" Blow.
Surface return.

PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2085.16 | 103.49 | Initial Hydro-static |
| 2 | 13.60 | 102.62 | Open To Flow (1) |
| 32 | 37.17 | 106.42 | Shut-In(1) |
| 62 | 1201.96 | 106.70 | End Shut-In(1) |
| 62 | 38.73 | 106.00 | Open To Flow (2) |
| 108 | 71.86 | 109.03 | Shut-In(2) |
| 200 | 1203.09 | 110.36 | End Shut-In(2) |
| 202 | 2060.53 | 110.61 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------------------------------|--------------|
| 0.00 | RW: .465 @ 31 Degrees F = 35000 PPM | 0.00 |
| 60.00 | MW 30m 70w | 0.30 |
| 70.00 | M 100m | 0.44 |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co., Inc.

S26-16s-34w Scott, KS

202 W. Main St.
Salem, IL 62881

Janzen #2-26

Job Ticket: 51290

DST#: 1

ATTN: Tim Priest

Test Start: 2013.03.06 @ 22:17:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

35000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbbl |
|--------------|-------------------------------------|----------------|
| 0.00 | RW: .465 @ 31 Degrees F = 35000 PPM | 0.000 |
| 60.00 | MW 30m 70w | 0.295 |
| 70.00 | M 100m | 0.435 |

Total Length: 130.00 ft Total Volume: 0.730 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

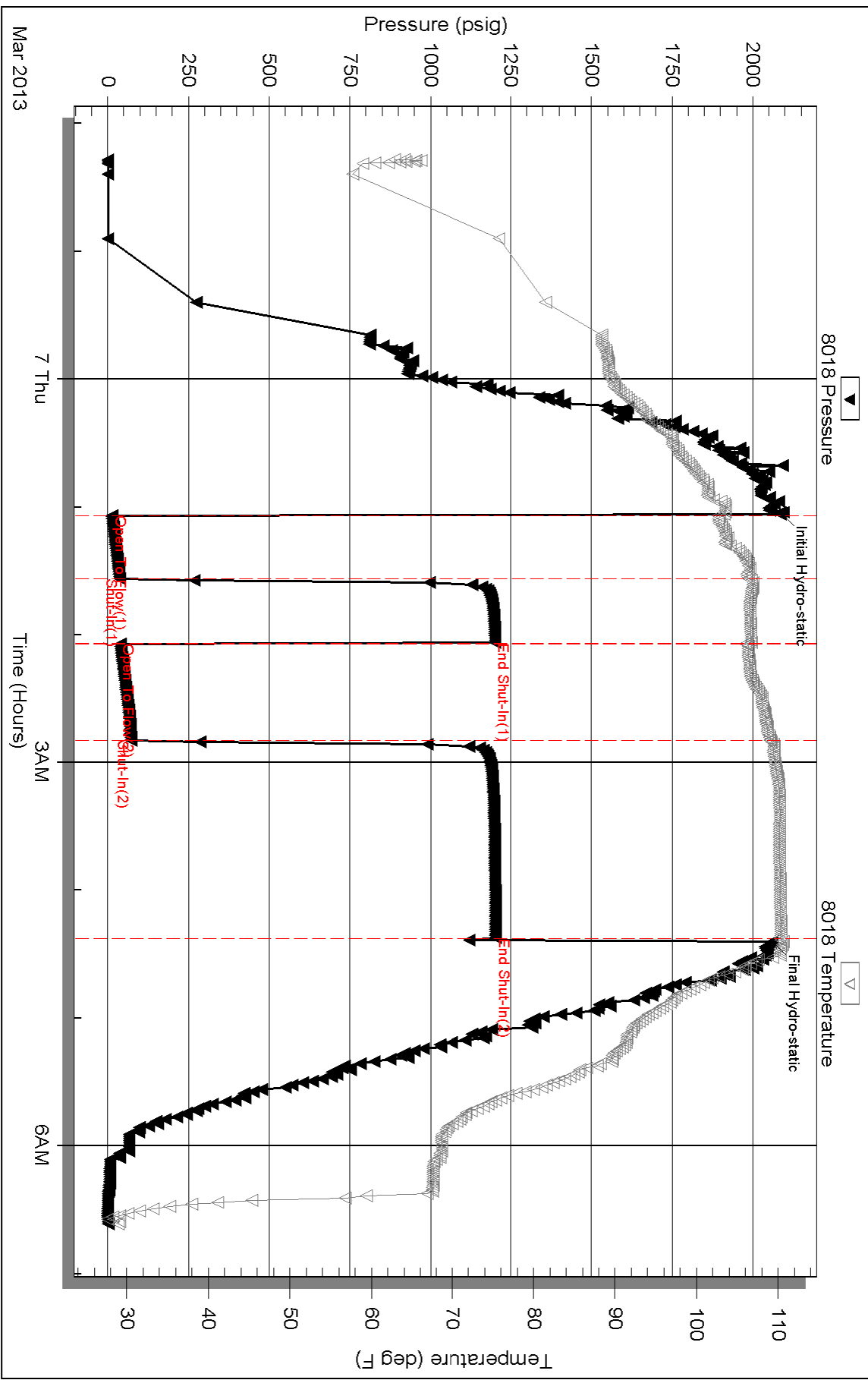
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil Co., Inc.

S26-16s-34w Scott, KS

202 W. Main St.
Salem, IL 62881

Janzen #2-26

Job Ticket: 51291

DST#: 2

ATTN: Tim Priest

Test Start: 2013.03.08 @ 01:06:00

GENERAL INFORMATION:

Formation: **LKC 'I'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:28:30

Time Test Ended: 08:41:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Smith

Unit No: 62

Interval: 4252.00 ft (KB) To 4290.00 ft (KB) (TVD)

Reference Elevations: 3125.00 ft (KB)

Total Depth: 4290.00 ft (KB) (TVD)

3115.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8018

Inside

Press @ Run Depth: 25.18 psig @ 4255.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.03.08

End Date: 2013.03.08

Last Calib.: 2013.03.08

Start Time: 01:06:02

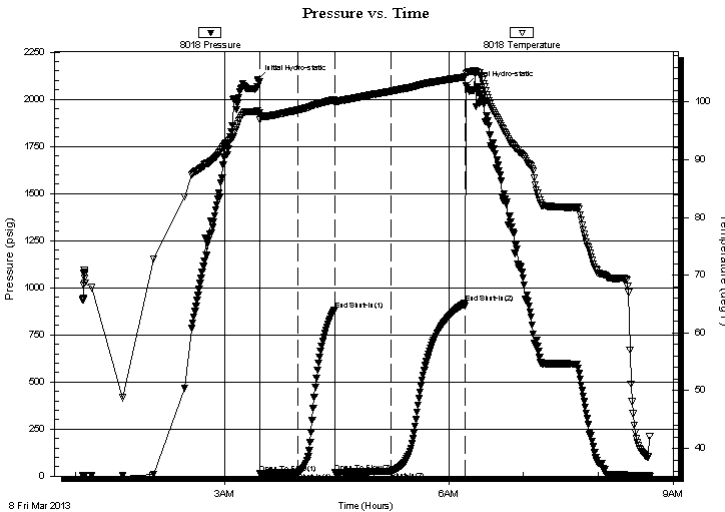
End Time: 08:41:30

Time On Btm: 2013.03.08 @ 03:26:40

Time Off Btm: 2013.03.08 @ 06:13:40

TEST COMMENT: 1/2" Blow .
No return.
Surface blow .
No return.

PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2103.65 | 98.22 | Initial Hydro-static |
| 2 | 14.53 | 96.93 | Open To Flow (1) |
| 32 | 19.15 | 98.60 | Shut-In(1) |
| 62 | 883.47 | 100.40 | End Shut-In(1) |
| 62 | 20.96 | 99.86 | Open To Flow (2) |
| 107 | 25.18 | 101.86 | Shut-In(2) |
| 166 | 917.94 | 104.31 | End Shut-In(2) |
| 167 | 2072.00 | 104.81 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 2.00 | O 100o | 0.01 |
| 8.00 | M 100m | 0.04 |
| | | |
| | | |
| | | |

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co., Inc.

S26-16s-34w Scott, KS

202 W. Main St.
Salem, IL 62881

Janzen #2-26

Job Ticket: 51291

DST#: 2

ATTN: Tim Priest

Test Start: 2013.03.08 @ 01:06:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

19 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbbl |
|--------------|-------------|----------------|
| 2.00 | O 100o | 0.010 |
| 8.00 | M 100m | 0.039 |

Total Length: 10.00 ft

Total Volume: 0.049 bbl

Num Fluid Samples: 0

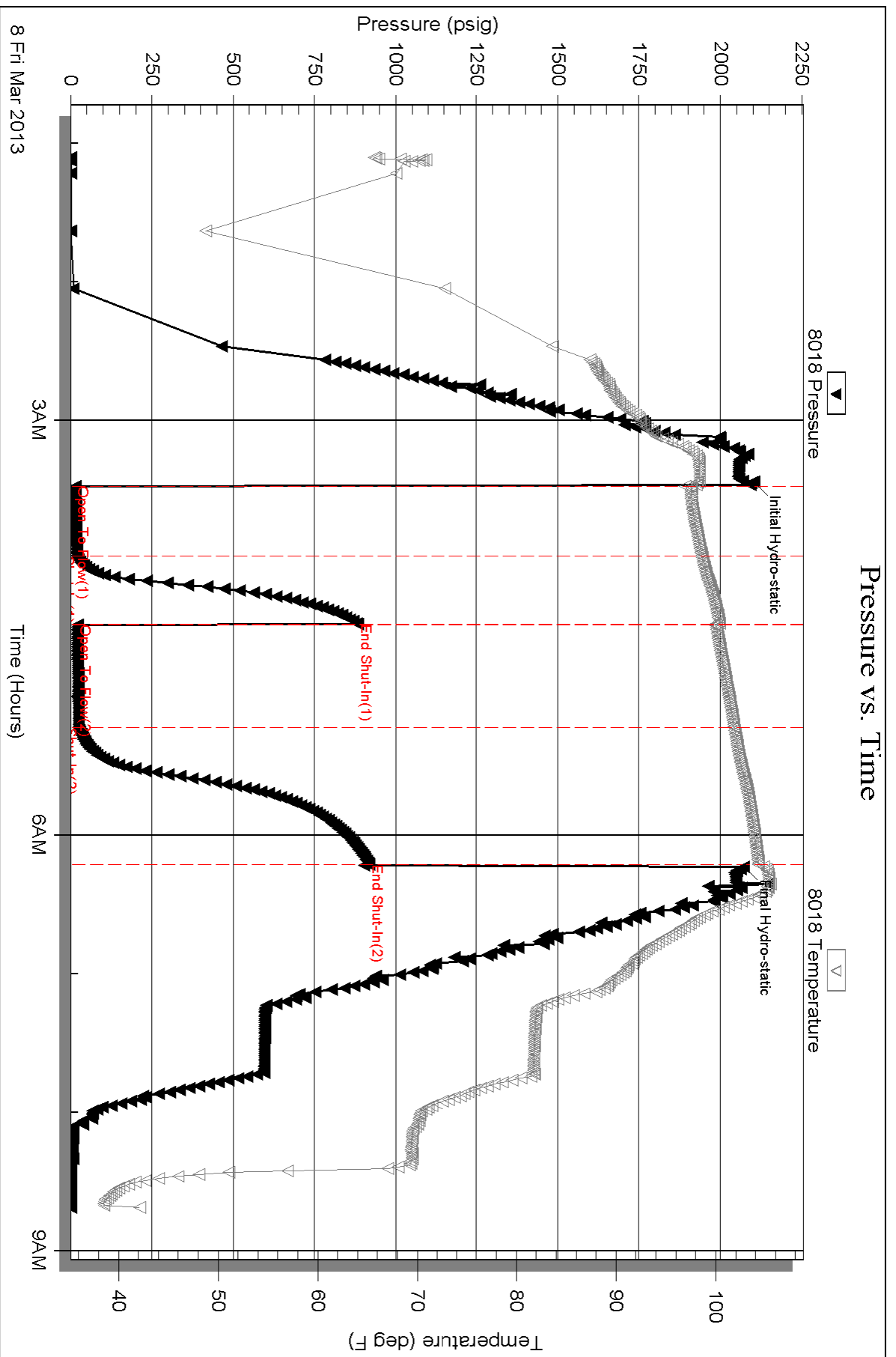
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API: 19 @





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Co., Inc.

S26-16s-34w Scott, KS

202 W. Main St.
Salem, IL 62881

Janzen #2-26

Job Ticket: 51292

DST#: 3

ATTN: Tim Priest

Test Start: 2013.03.09 @ 04:49:00

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:25:00

Time Test Ended: 12:12:39

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Smith

Unit No: 62

Interval: 4413.00 ft (KB) To 4460.00 ft (KB) (TVD)

Reference Elevations: 3125.00 ft (KB)

Total Depth: 4460.00 ft (KB) (TVD)

3115.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8018

Inside

Press @ Run Depth: 62.66 psig @ 4415.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.03.09

End Date:

2013.03.09

Last Calib.:

2013.03.09

Start Time: 04:49:02

End Time:

12:12:40

Time On Btm:

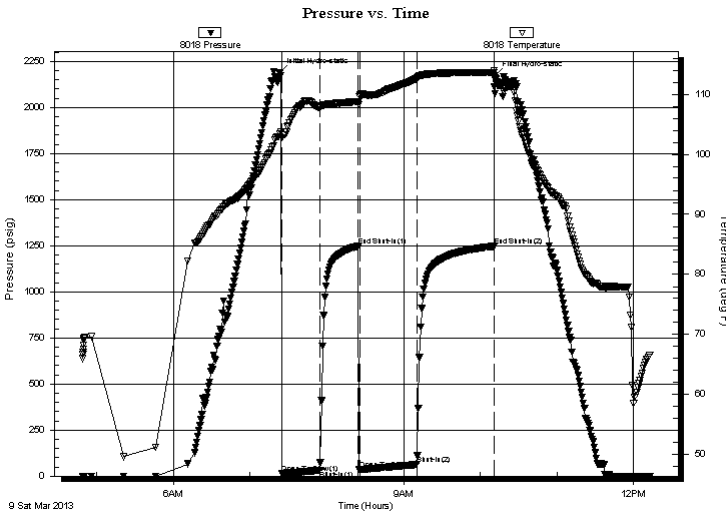
2013.03.09 @ 07:22:50

Time Off Btm:

2013.03.09 @ 10:11:50

TEST COMMENT: 1 1/2" Blow .
No return.
2 1/4" Blow .
No return.

PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2188.51 | 102.93 | Initial Hydro-static |
| 3 | 14.43 | 102.78 | Open To Flow (1) |
| 32 | 32.12 | 107.82 | Shut-In(1) |
| 62 | 1249.28 | 108.77 | End Shut-In(1) |
| 63 | 35.45 | 109.58 | Open To Flow (2) |
| 108 | 62.66 | 112.58 | Shut-In(2) |
| 168 | 1247.56 | 113.61 | End Shut-In(2) |
| 169 | 2175.04 | 112.43 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|--------------------------------------|--------------|
| 0.00 | RW: . 223 @ 63 Degrees F = 37000 PPM | 0.00 |
| 60.00 | MW 25m 75w | 0.30 |
| 55.00 | OSWM 15w 85m | 0.27 |
| | | |
| | | |

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co., Inc.

S26-16s-34w Scott, KS

202 W. Main St.
Salem, IL 62881

Janzen #2-26

Job Ticket: 51292

DST#: 3

ATTN: Tim Priest

Test Start: 2013.03.09 @ 04:49:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

37000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.60 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbbl |
|--------------|--------------------------------------|----------------|
| 0.00 | RW: . 223 @ 63 Degrees F = 37000 PPM | 0.000 |
| 60.00 | MW 25m 75w | 0.295 |
| 55.00 | OSWM 15w 85m | 0.270 |

Total Length: 115.00 ft Total Volume: 0.565 bbl

Num Fluid Samples: 0

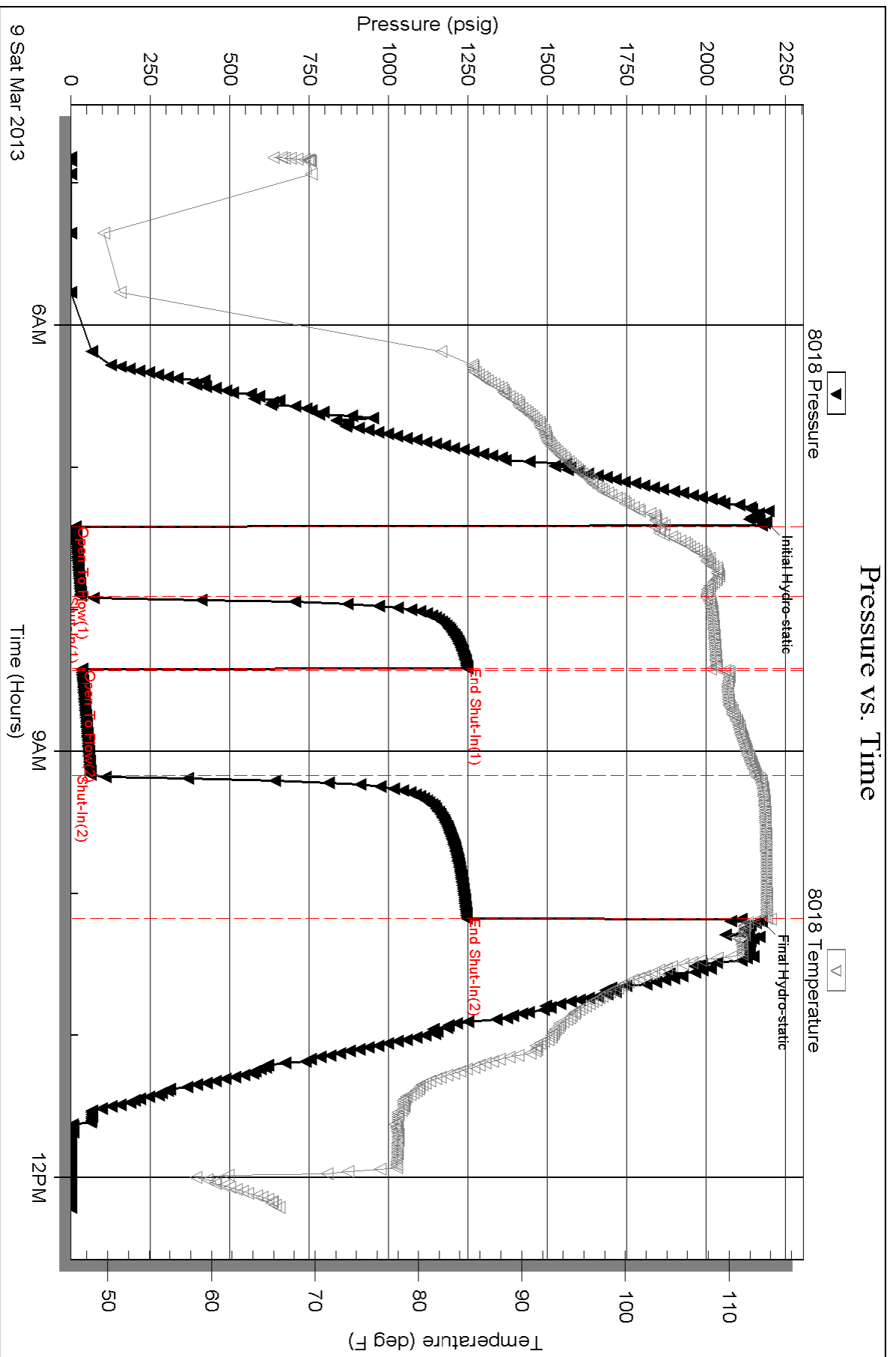
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil Co., Inc.

S26-16s-34w Scott, KS

202 W. Main St.
Salem, IL 62881

Janzen #2-26

Job Ticket: 51293

DST#: 4

ATTN: Tim Priest

Test Start: 2013.03.09 @ 20:48:00

GENERAL INFORMATION:

Formation: **Altamont 'A'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:04:20

Time Test Ended: 06:41:49

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Smith

Unit No: 62

Interval: 4459.00 ft (KB) To 4475.00 ft (KB) (TVD)

Reference Elevations: 3125.00 ft (KB)

Total Depth: 4475.00 ft (KB) (TVD)

3115.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8018

Inside

Press @ Run Depth: 86.72 psig @ 4462.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.03.09

End Date: 2013.03.10

Last Calib.: 2013.03.10

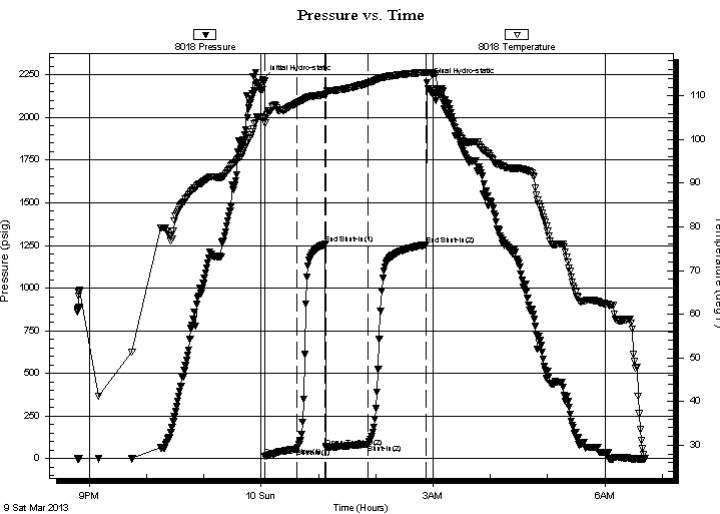
Start Time: 20:48:02

End Time: 06:41:49

Time On Btm: 2013.03.10 @ 00:01:50

Time Off Btm: 2013.03.10 @ 02:54:00

TEST COMMENT: 6" Blow . Outside recorder malfunctioned
Surface return.
11" Blow .
Surface return.



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2220.56 | 105.06 | Initial Hydro-static |
| 3 | 15.03 | 103.74 | Open To Flow (1) |
| 36 | 58.81 | 108.43 | Shut-In(1) |
| 66 | 1257.56 | 110.30 | End Shut-In(1) |
| 67 | 68.44 | 110.48 | Open To Flow (2) |
| 111 | 86.72 | 112.94 | Shut-In(2) |
| 171 | 1254.71 | 115.40 | End Shut-In(2) |
| 173 | 2203.34 | 115.38 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 60.00 | OCM 30o 70m | 0.30 |
| 150.00 | GO 30g 70o | 1.56 |
| 0.00 | 30 feet GIP | 0.00 |
| | | |
| | | |

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co., Inc.

S26-16s-34w Scott, KS

202 W. Main St.
Salem, IL 62881

Janzen #2-26

Job Ticket: 51293

DST#: 4

ATTN: Tim Priest

Test Start: 2013.03.09 @ 20:48:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

32 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbbl |
|--------------|-------------|----------------|
| 60.00 | OCM 30o 70m | 0.295 |
| 150.00 | GO 30g 70o | 1.558 |
| 0.00 | 30 feet GIP | 0.000 |

Total Length: 210.00 ft Total Volume: 1.853 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API 33 @ 70 Degrees F = 32

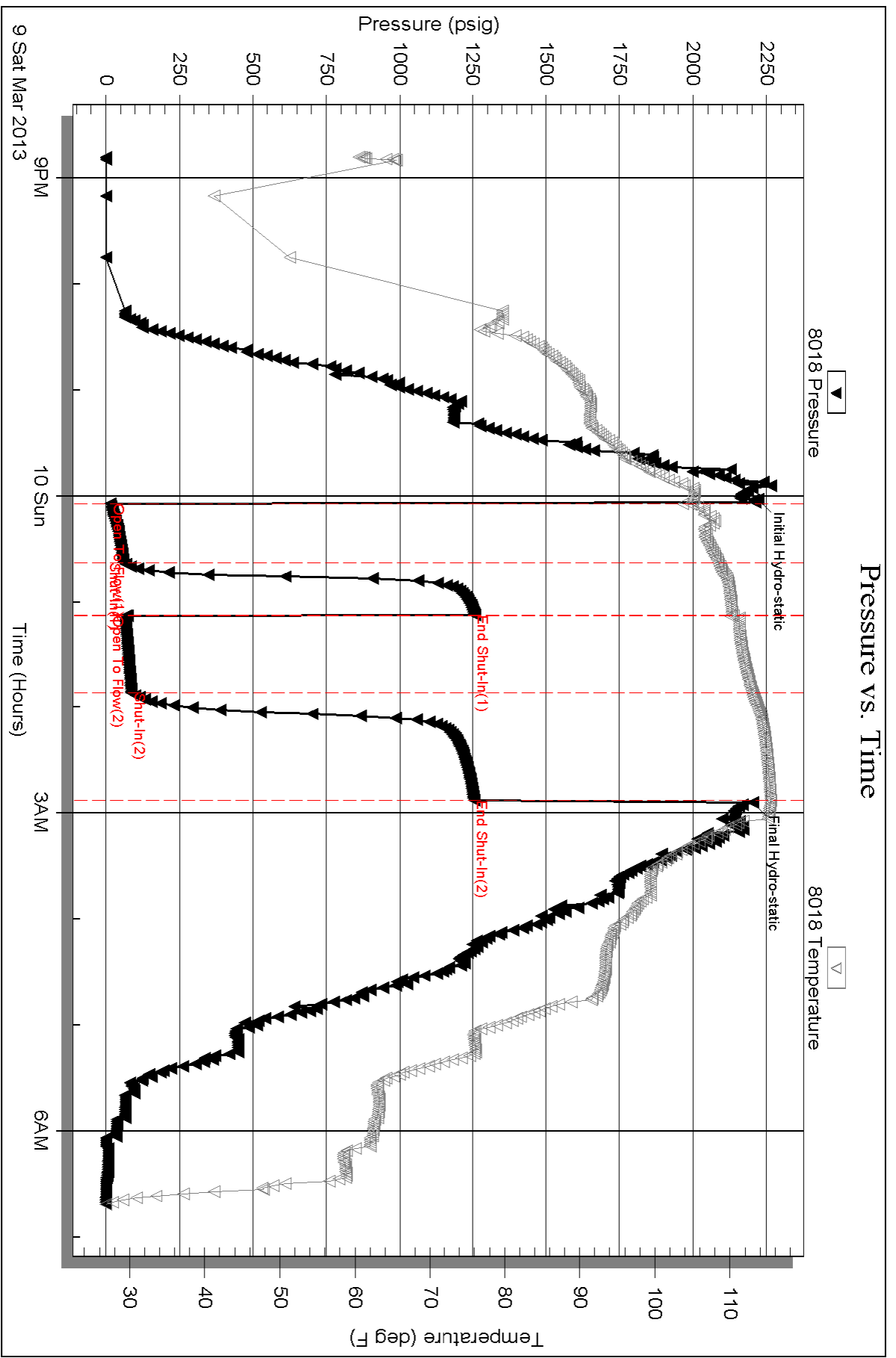
Serial #: 8018

Inside

Shakespeare Oil Co., Inc.

Janzen #2-26

DST Test Number: 4





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil Co., Inc.

S26-16s-34w Scott, KS

202 W. Main St.
Salem, IL 62881

Janzen #2-26

Job Ticket: 51294

DST#: 5

ATTN: Tim Priest

Test Start: 2013.03.10 @ 18:30:00

GENERAL INFORMATION:

Formation: **Altamont 'B'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:54:40

Time Test Ended: 03:29:19

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Smith

Unit No: 62

Interval: 4474.00 ft (KB) To 4490.00 ft (KB) (TVD)

Reference Elevations: 3125.00 ft (KB)

Total Depth: 4490.00 ft (KB) (TVD)

3115.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8018

Inside

Press @ Run Depth: 468.43 psig @ 4477.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.03.10

End Date:

2013.03.11

Last Calib.: 2013.03.11

Start Time: 18:30:02

End Time:

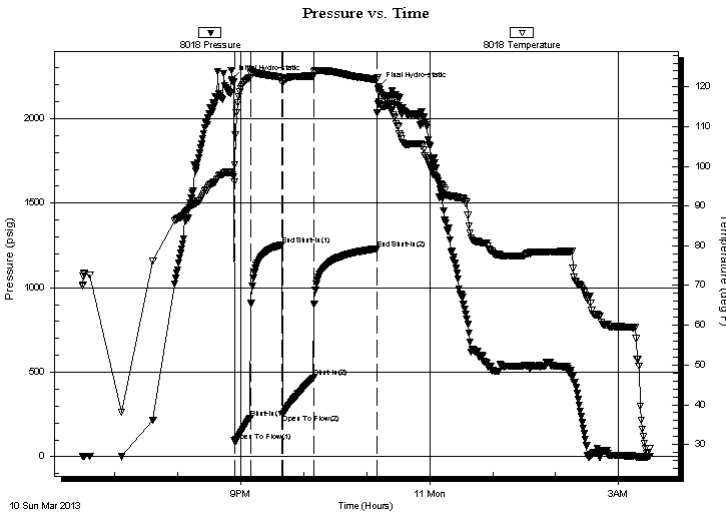
03:29:19

Time On Btm: 2013.03.10 @ 20:51:50

Time Off Btm: 2013.03.10 @ 23:11:40

TEST COMMENT: B.O.B. @ 2 min.
B.O.B. @ 25 min.
B.O.B. @ 4 min.
B.O.B. @ 55 min.

PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2231.69 | 98.43 | Initial Hydro-static |
| 3 | 90.50 | 100.30 | Open To Flow (1) |
| 18 | 231.11 | 122.36 | Shut-In(1) |
| 48 | 1254.03 | 122.14 | End Shut-In(1) |
| 49 | 249.70 | 120.78 | Open To Flow (2) |
| 78 | 468.43 | 122.70 | Shut-In(2) |
| 139 | 1231.28 | 121.83 | End Shut-In(2) |
| 140 | 2190.23 | 118.52 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|---------------------------------------|--------------|
| 0.00 | RW: @ 31 Degrees F = 000 PPM | 0.00 |
| 0.00 | 620' GIP | 0.00 |
| 120.00 | OSMW 50m 50w | 0.59 |
| 930.00 | GO 15g 85o Circulated out to res. pit | 13.05 |
| 124.00 | GO 20g 80o | 1.74 |
| 144.00 | GO 10g 90o | 2.02 |

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co., Inc.

S26-16s-34w Scott, KS

202 W. Main St.
Salem, IL 62881

Janzen #2-26

Job Ticket: 51294

DST#: 5

ATTN: Tim Priest

Test Start: 2013.03.10 @ 18:30:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

33 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

52000 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|---------------------------------------|---------------|
| 0.00 | RW: @ 31 Degrees F = 000 PPM | 0.000 |
| 0.00 | 620' GIP | 0.000 |
| 120.00 | OSMW 50m 50w | 0.590 |
| 930.00 | GO 15g 85o Circulated out to res. pit | 13.045 |
| 124.00 | GO 20g 80o | 1.739 |
| 144.00 | GO 10g 90o | 2.020 |

Total Length: 1318.00 ft Total Volume: 17.394 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

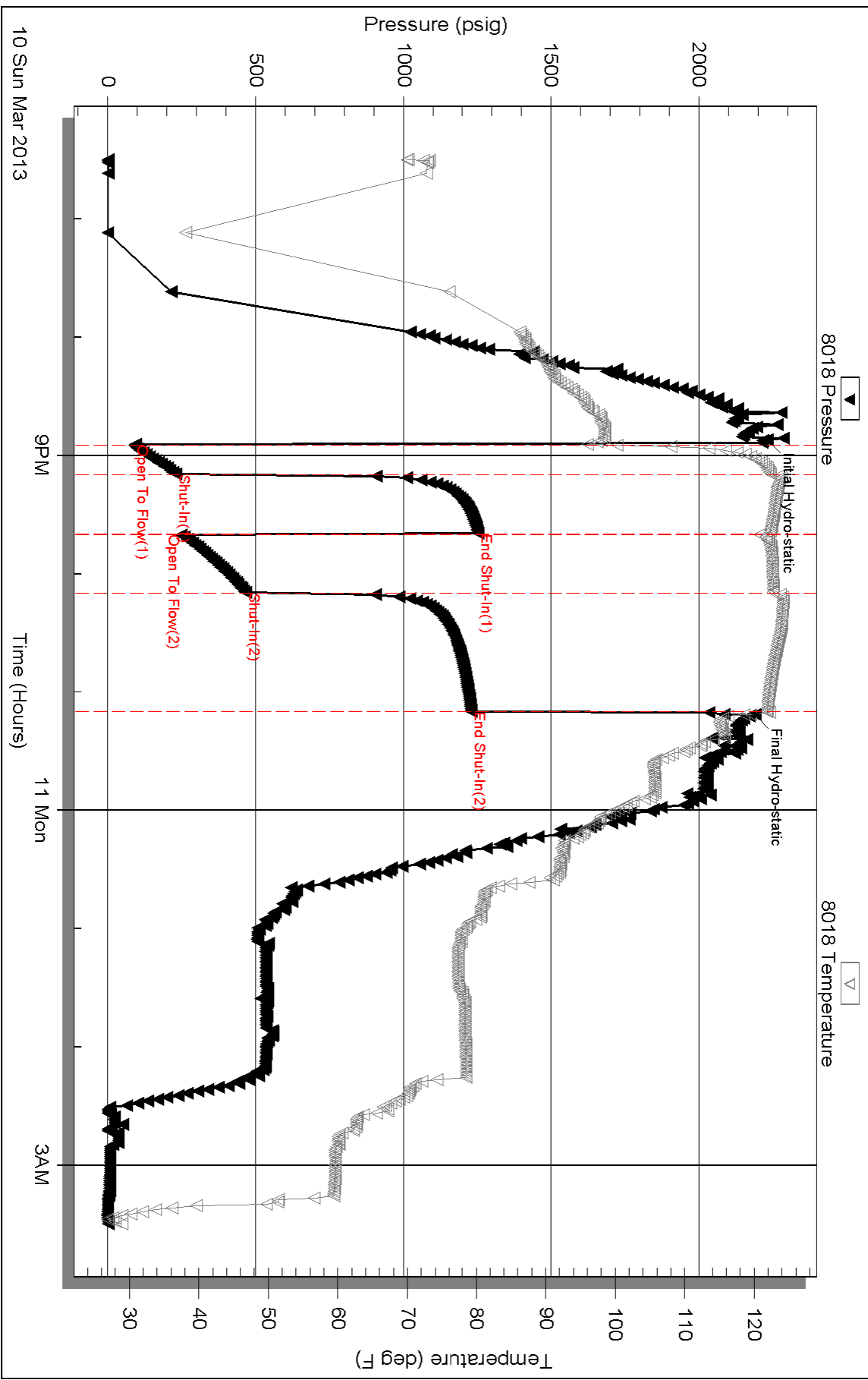
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API: 33 @ 60 Degrees F = 33.

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil Co., Inc.

S26-16s-34w Scott, KS

202 W. Main St.
Salem, IL 62881

Janzen #2-26

Job Ticket: 51295

DST#: 6

ATTN: Tim Priest

Test Start: 2013.03.11 @ 15:04:00

GENERAL INFORMATION:

Formation: **Altamont 'C'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:09:40

Time Test Ended: 22:36:09

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Smith

Unit No: 62

Interval: 4498.00 ft (KB) To 4525.00 ft (KB) (TVD)

Reference Elevations: 3125.00 ft (KB)

Total Depth: 4525.00 ft (KB) (TVD)

3115.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8018

Inside

Press @ Run Depth: 223.44 psig @ 4501.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.03.11

End Date:

2013.03.11

Last Calib.:

2013.03.11

Start Time: 15:04:02

End Time:

22:36:10

Time On Btm:

2013.03.11 @ 17:06:50

Time Off Btm:

2013.03.11 @ 19:26:50

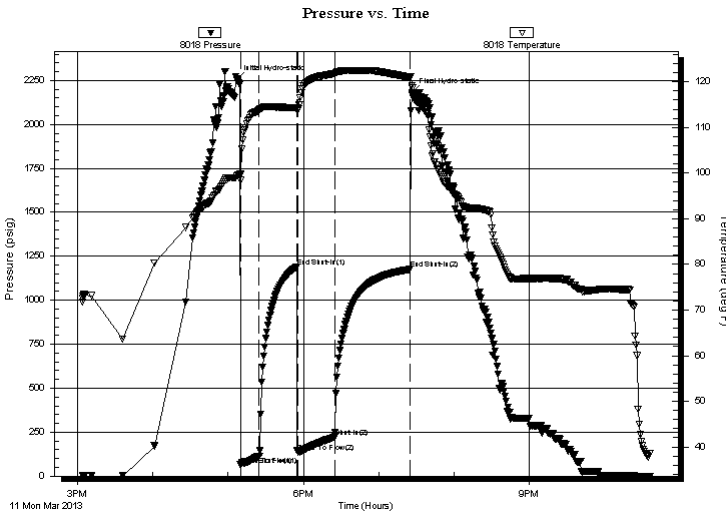
TEST COMMENT: B.O.B. @ 2 1/2 min.

B.O.B. @ 17 min.

B.O.B. @ 4 min.

B.O.B. @ 33 min.

PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2257.76 | 99.44 | Initial Hydro-static |
| 3 | 63.61 | 98.41 | Open To Flow (1) |
| 18 | 114.48 | 113.88 | Shut-In(1) |
| 48 | 1189.87 | 114.38 | End Shut-In(1) |
| 49 | 137.75 | 113.88 | Open To Flow (2) |
| 78 | 223.44 | 121.85 | Shut-In(2) |
| 139 | 1176.46 | 120.97 | End Shut-In(2) |
| 140 | 2179.39 | 118.65 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|------------------|--------------|
| 183.00 | GMCO 20g 35m 55o | 1.47 |
| 186.00 | GO 20g 80o | 2.61 |
| 248.00 | GO 30g 70o | 3.48 |
| 93.00 | GO 15g 85o | 1.30 |
| 0.00 | 1085' GIP | 0.00 |

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co., Inc.

S26-16s-34w Scott, KS

202 W. Main St.
Salem, IL 62881

Janzen #2-26

Job Ticket: 51295

DST#: 6

ATTN: Tim Priest

Test Start: 2013.03.11 @ 15:04:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

34 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|------------------|---------------|
| 183.00 | GMCO 20g 35m 55o | 1.474 |
| 186.00 | GO 20g 80o | 2.609 |
| 248.00 | GO 30g 70o | 3.479 |
| 93.00 | GO 15g 85o | 1.305 |
| 0.00 | 1085' GIP | 0.000 |

Total Length: 710.00 ft Total Volume: 8.867 bbl

Num Fluid Samples: 0

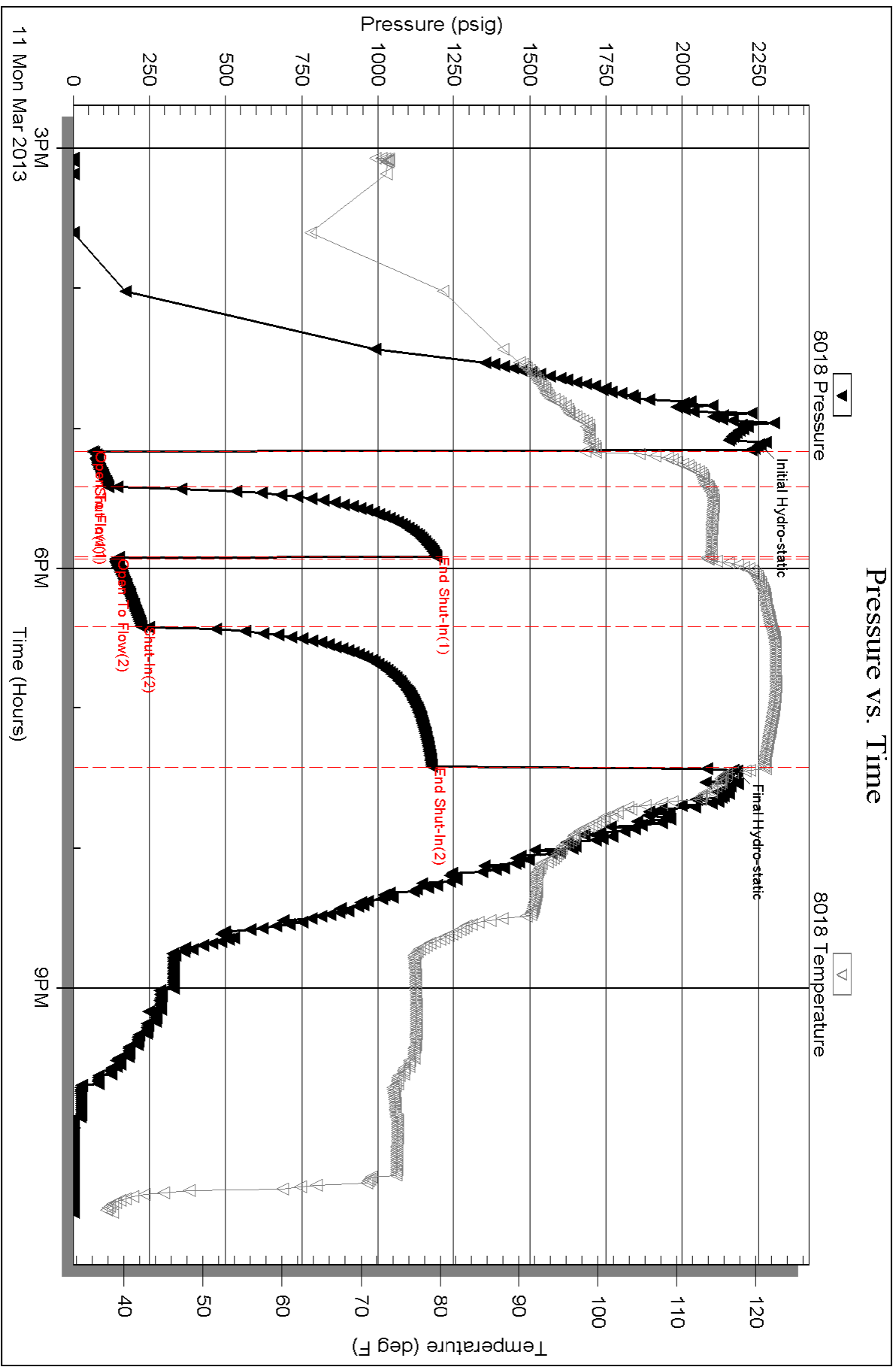
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API: 32 @ 40 Degrees F = 34





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil Co., Inc.

S26-16s-34w Scott, KS

202 W. Main St.
Salem, IL 62881

Janzen #2-26

Job Ticket: 51296

DST#: 7

ATTN: Tim Priest

Test Start: 2013.03.12 @ 12:12:00

GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:09:30

Time Test Ended: 18:21:50

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Smith

Unit No: 62

Interval: 4530.00 ft (KB) To 4570.00 ft (KB) (TVD)

Reference Elevations: 3125.00 ft (KB)

Total Depth: 4570.00 ft (KB) (TVD)

3115.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8018 Inside

Press @ Run Depth: 15.95 psig @ 4531.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.03.12

End Date:

2013.03.12

Last Calib.: 2013.03.12

Start Time: 12:12:02

End Time:

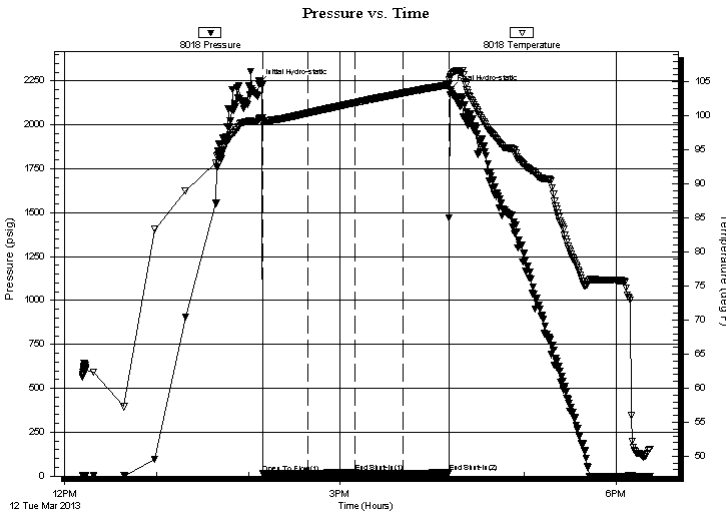
18:21:50

Time On Btm: 2013.03.12 @ 14:07:10

Time Off Btm: 2013.03.12 @ 16:11:50

TEST COMMENT: 1/4" Blow .
No return.
No blow .
No return.

PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2235.61 | 99.53 | Initial Hydro-static |
| 3 | 15.55 | 98.84 | Open To Flow (1) |
| 32 | 16.74 | 100.40 | Shut-In(1) |
| 63 | 21.47 | 101.92 | End Shut-In(1) |
| 63 | 15.96 | 101.93 | Open To Flow (2) |
| 94 | 15.95 | 103.34 | Shut-In(2) |
| 124 | 20.26 | 104.58 | End Shut-In(2) |
| 125 | 2199.43 | 105.74 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 1.00 | OSM 100m | 0.00 |
| | | |
| | | |
| | | |
| | | |

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co., Inc.

S26-16s-34w Scott, KS

202 W. Main St.
Salem, IL 62881

Janzen #2-26

Job Ticket: 51296

DST#: 7

ATTN: Tim Priest

Test Start: 2013.03.12 @ 12:12:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-------------|---------------|
| 1.00 | OSM 100m | 0.005 |

Total Length: 1.00 ft Total Volume: 0.005 bbl

Num Fluid Samples: 0

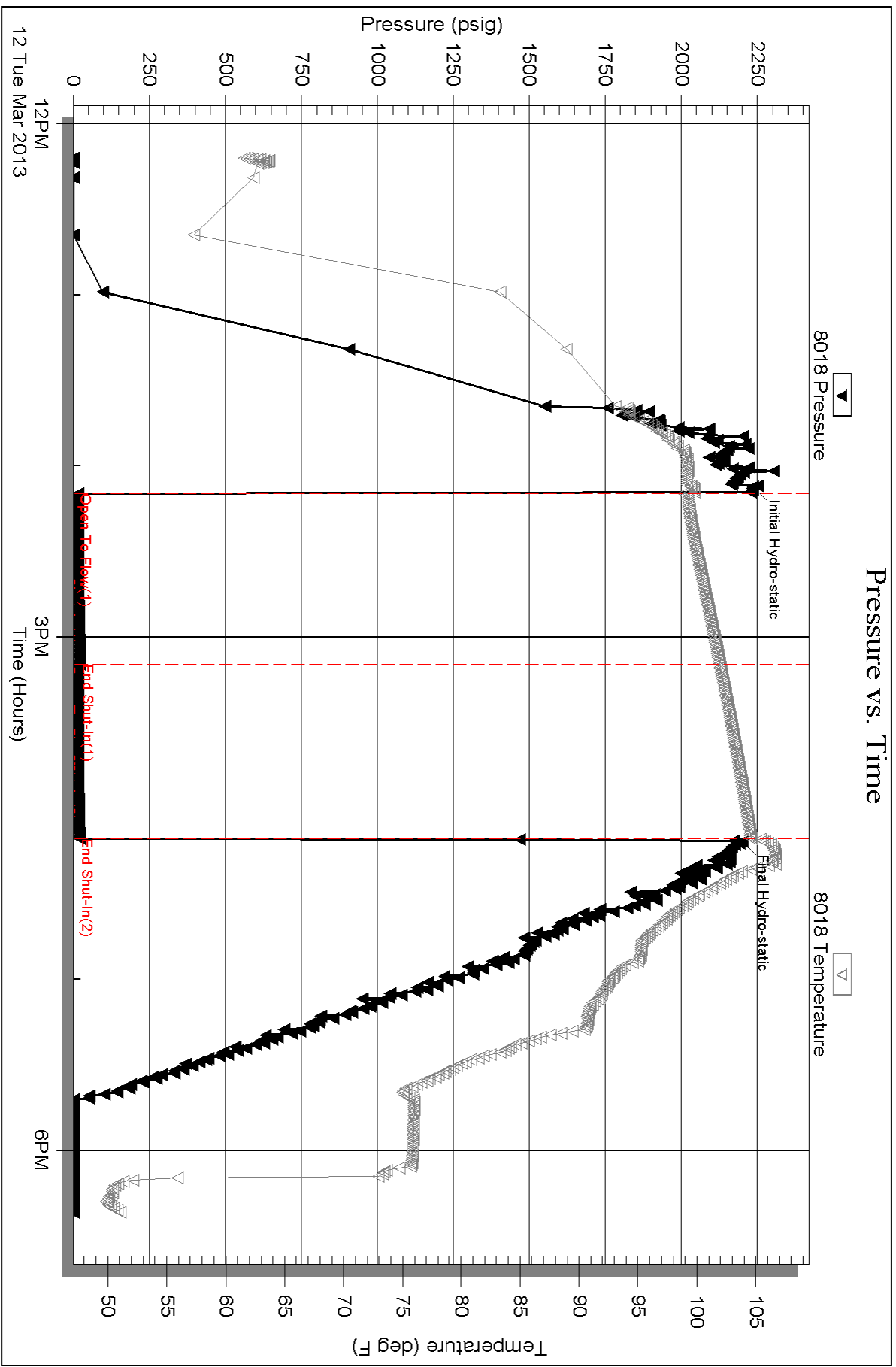
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

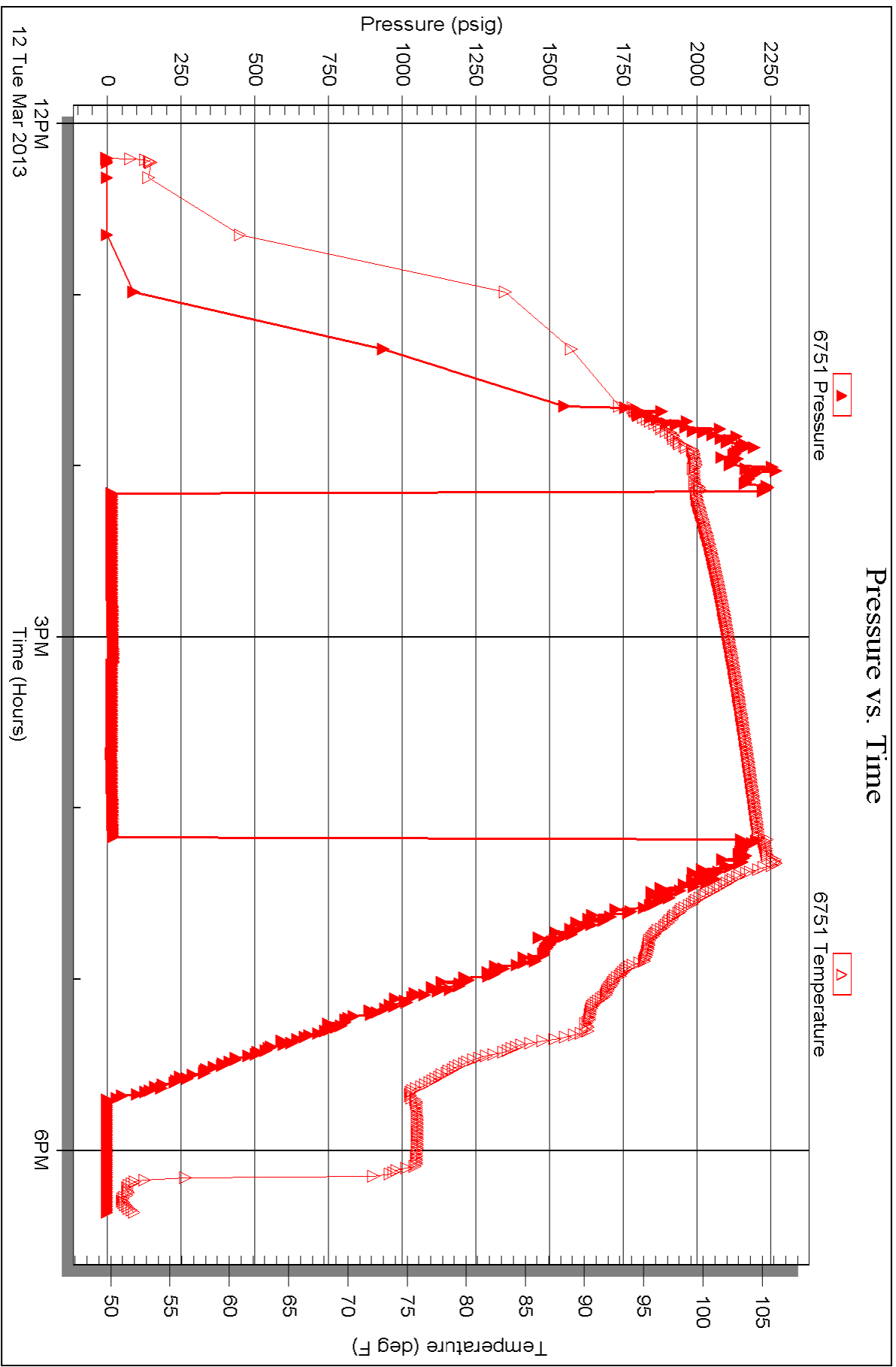


Serial #: 6751

Outside Shakespeare Oil Co., Inc.

Janzen #2-26

DST Test Number: 7



TIM PRIEST
Petroleum Geologist
(316)-213-6115

GEOLOGIST'S REPORT
DRILLING TIME AND SAMPLE LOG

COMPANY SHAKESPEARE OIL CO.
LEASE JANZEN 2-26
FIELD Wildcat
LOCATION 2305' FSL, 1900' FWL
SEC 26 TWSP 16S RGE 34W
COUNTY Scott STATE Kansas

CONTRACTOR HD Rig #2
SPUD 2-27-13 COMP 3-14-13
RTD 4897' LTD 4896'
MUD UP 3600' TYPE MUD Chemical

SAMPLES SAVED FROM 3800' to RTD
DRILLING TIME KEPT FROM 3800' to RTD
SAMPLES EXAMINED FROM 3800' to RTD
GEOLOGICAL SUPERVISION FROM 3900' to RTD
GEOLOGIST ON WELL Tim Priest

ELEVATIONS

KB 3125'
DF _____
GL 3115'

Measurements Are All
From KB

CASING

CONDUCTOR N/A
SURFACE 8-5/8" @ 252'
PRODUCTION 5 1/2" @ 4897'

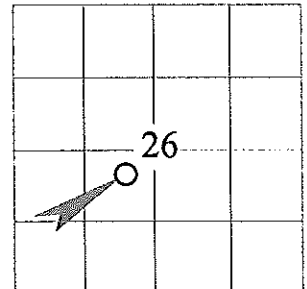
**ELECTRICAL
SURVEYS**

CND;D/SP;P.E.

Micro

By: Weatherford

| FORMATION TOPS | ELECTRIC LOG | SAMPLE |
|----------------|--------------|--------------|
| Anhydrite | 2446 (+679) | 2447 (+678) |
| Heebner Shale | 3991 (-866) | 3991 (-866) |
| Lansing | 4030 (-905) | 4031 (-906) |
| Stark | 4317 (-1192) | 4318 (-1193) |
| BKC | 4413 (-1288) | 4409 (-1284) |
| Fort Scott | 4593 (-1468) | 4593 (-1468) |
| Cherokee Shale | 4620 (-1495) | 4620 (-1495) |
| | 4822 (-1697) | 4819 (-1694) |



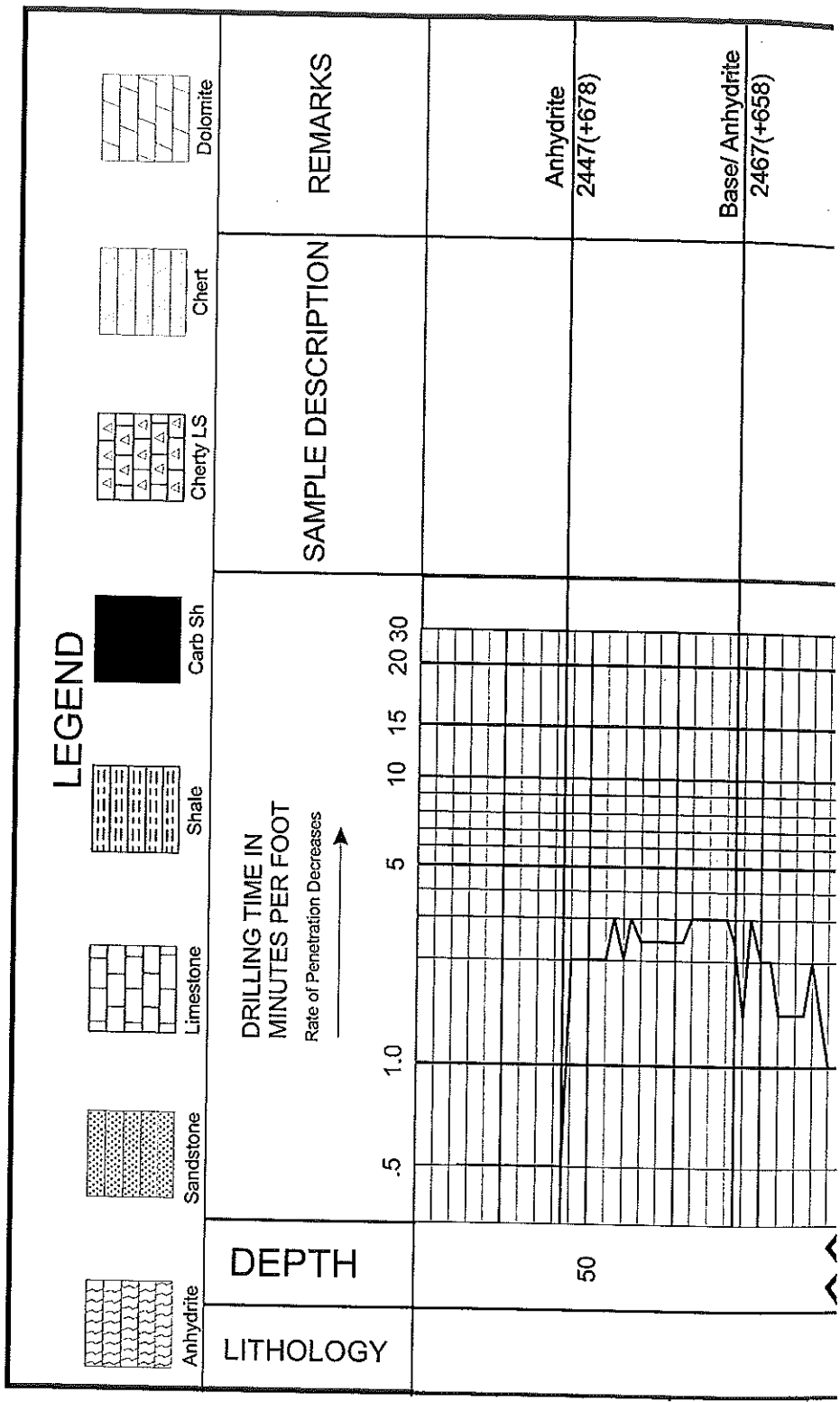
REMARKS Due to the results of DSTs, it was decided to set production casing to further test the well.

Respectfully Submitted,

Tim Priest

Petroleum Geologist

API #15-171-20929-00-00



Base/ Anhydrite
2467(+658)

Ls crm-lt gry, fn xtl, fos, p int
xtl-pp por, NS

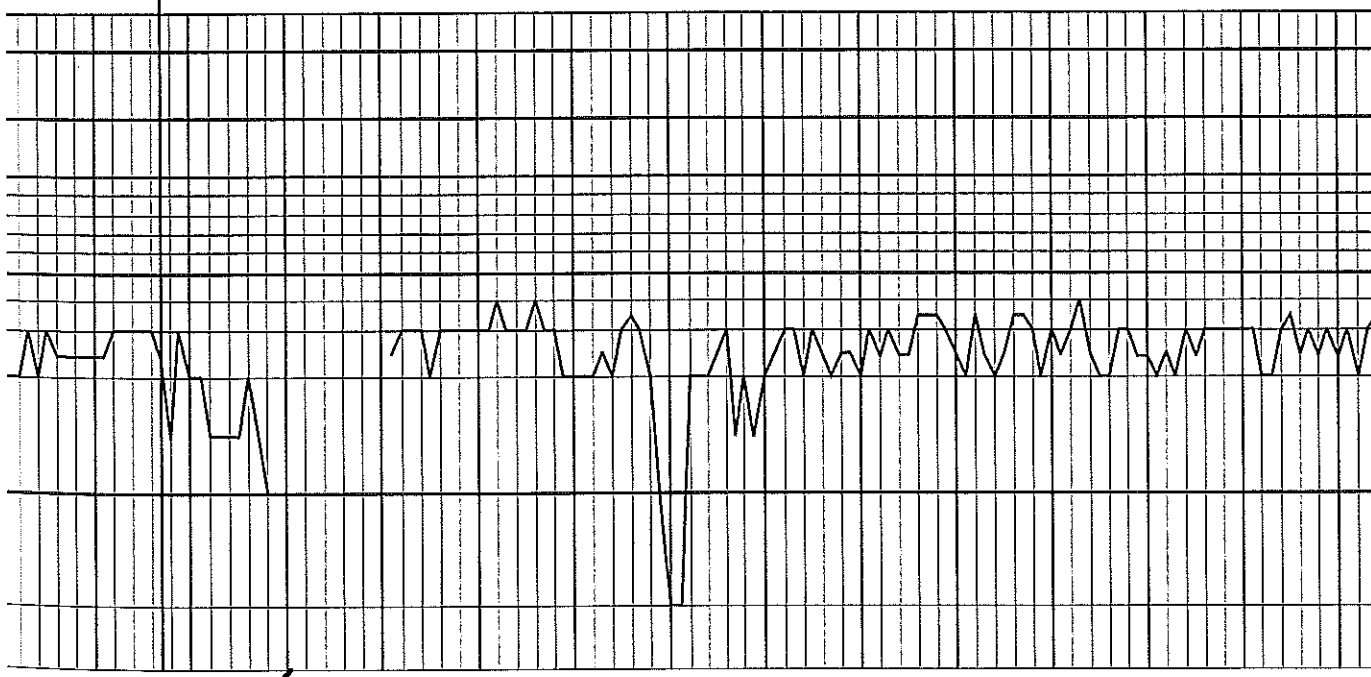
Sh gry-blk

Sh gry, silty, calc in prt

Ls gry, vfn xtl, dnse

Sh gry-dk gry

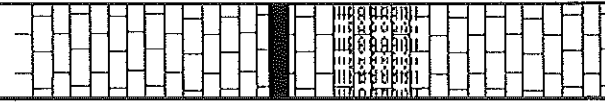
Ls. very fine-grained, calc in prt

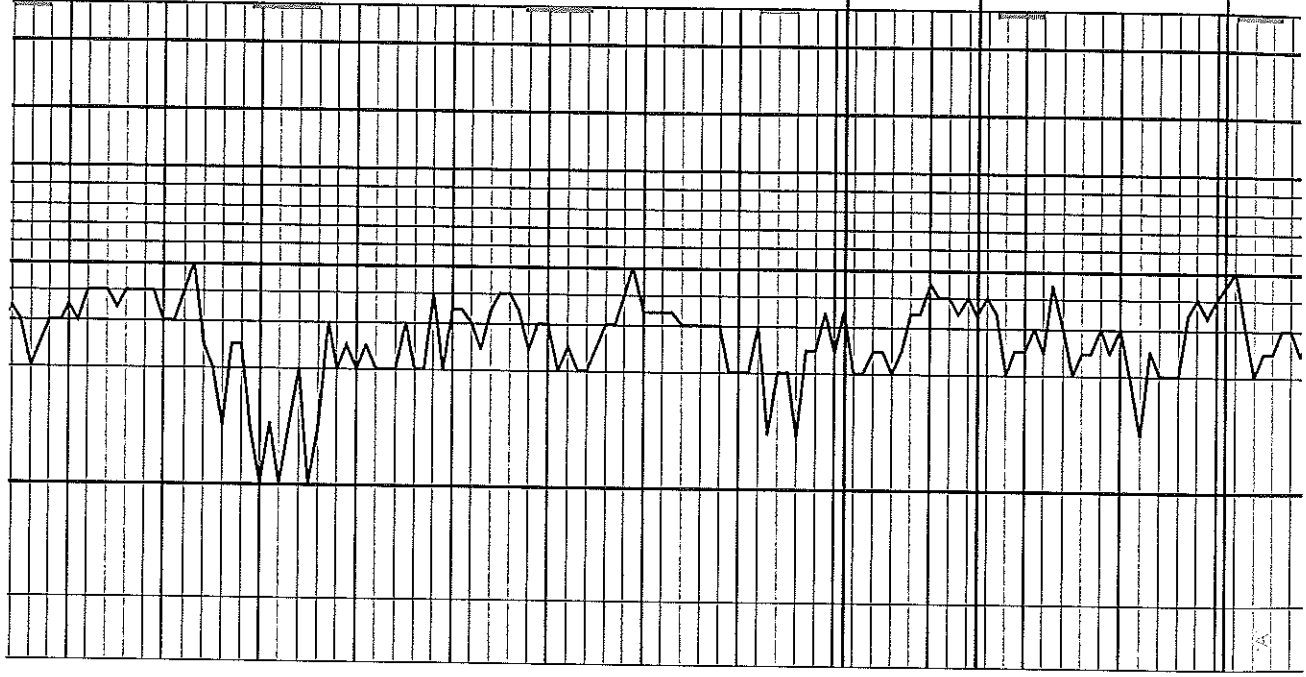


3800

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3900

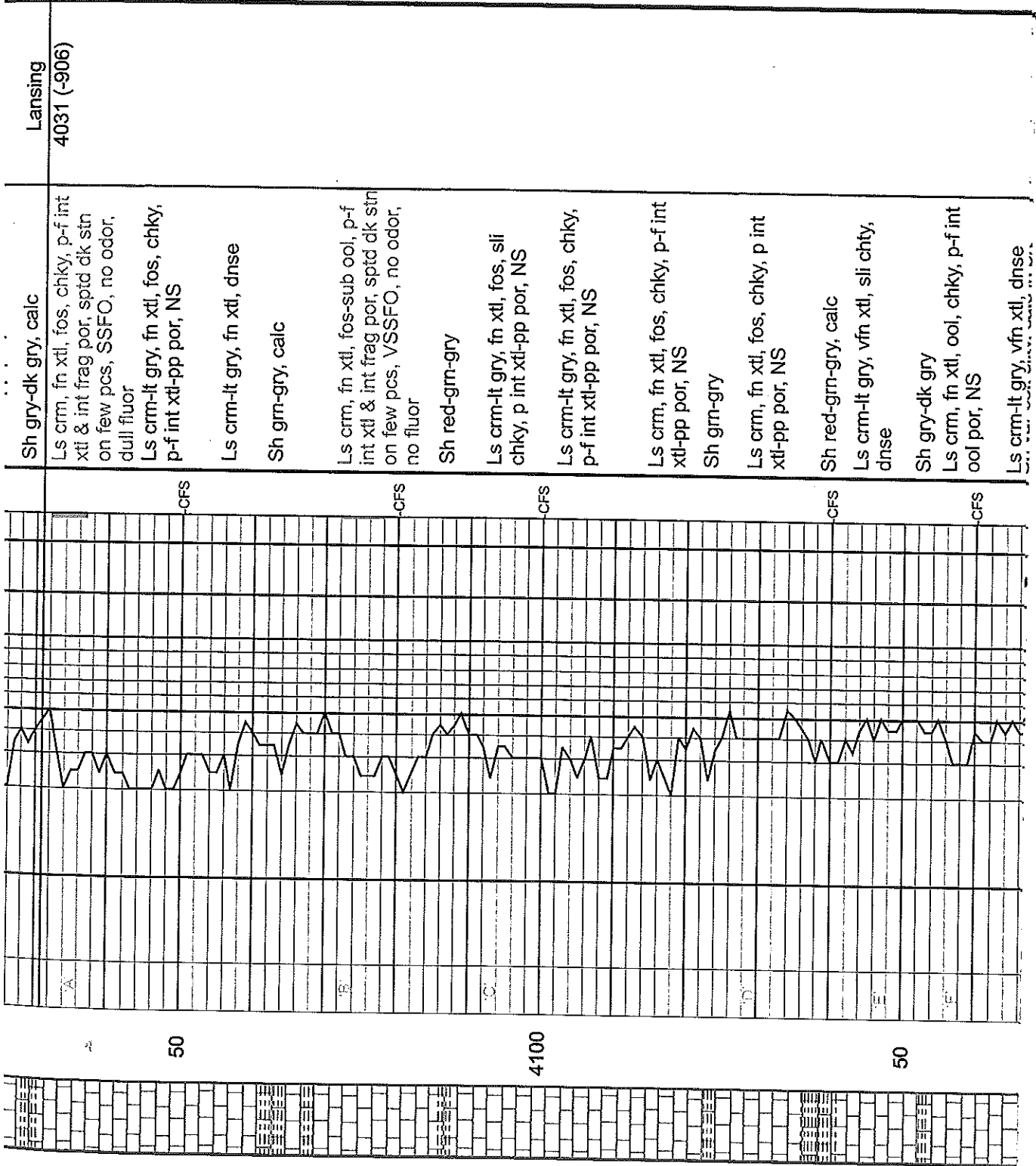




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4000

| | | | |
|---|--|---|--------------------------------|
| <p>Ls crm, fn xtl, vss-ool, sptd blk stn, p-f int frag por, sptd blk stn, SSFO, no odor, dull fluor</p> | <p>Sh blk Ls crm, fn xtl, fos-ool, v chky, p-f int frag por, sptd blk stn, SSFO, no odor, dull fluor</p> <p>Sh gry-bik</p> | <p>Ls crm, fn xtl, fos-sub ool, v chky, p-f int frag por, sptd blk stn, SSFO, no odor, dull fluor</p> <p>Ls crm-tan, vfn xtl, dnse</p> <p>Ls crm, fn xtl, fos-sub ool, v chky, p-f int frag por, sptd blk stn, VSSFO, no odor, dull fluor</p> | <p>Heebner 3991 (-866)</p> |
| <p>Sh blk, carb</p> <p>Sh gry-dk gry, calc</p> <p>Ls crm, fn xtl, fos, chky, p-f int xtl & int frag por, sptd dk stn on few pcs, SSFO, no odor, dull fluor</p> <p>Ls crm-lt gry, fn xtl, fos, chky, f int xtl-pp por, NS</p> <p>Sh gry-dk gry, calc</p> <p>Ls crm, fn xtl, fos, chky, p-f int xtl & int frag por, sptd dk stn</p> | <p>Toronto 4005 (-880)</p> <p>Lansing 4031 (-906)</p> | | |

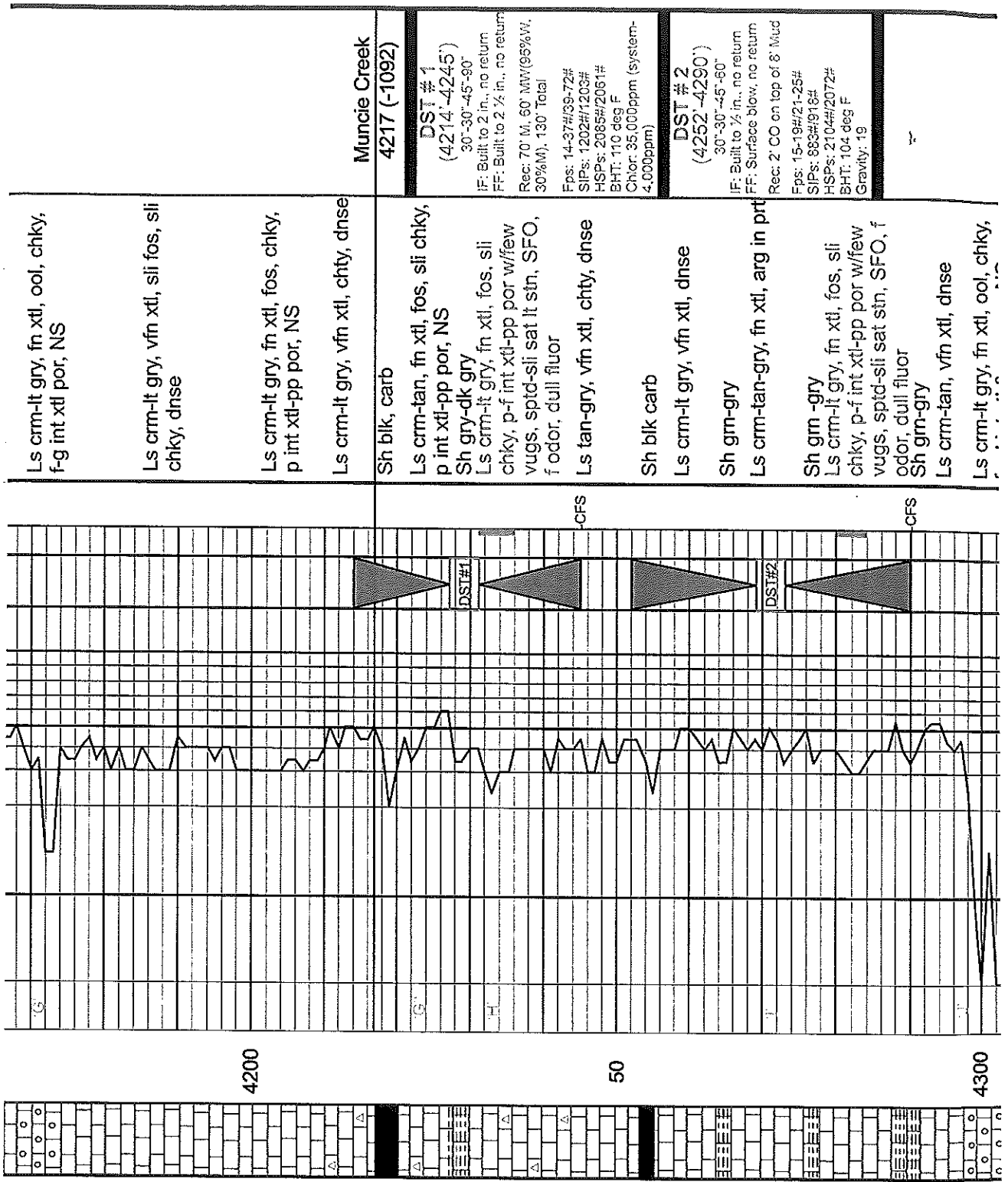


Lansing
4031 (-906)

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4100

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**Muncie Creek
4217 (-1092)**

**DST #1
(4214'-4245')**
30'-30" -45'-90"
IF: Built to 2 in., no return
FF: Built to 2 1/2 in., no return
Rec: 70' M, 60' MW (99%W, 30%M), 130' Total
Fps: 14-37#/39-72#
SIPs: 1202#/1203#
HSPs: 2085#/2061#
BHT: 119 deg F
Chlor: 35,000ppm (system-4,000ppm)

**DST #2
(4252'-4290')**
30'-30" -45'-90"
IF: Built to 1/2 in., no return
FF: Surface blow, no return
Rec: 2' CO on top of 8' Mud
Fps: 15-19#/21-25#
SIPs: 888#/918#
HSPs: 2104#/2072#
BHT: 104 deg F
Gravity: 19

Ls crm-lt gry, fn xtl, ool, chky, f-g int xtl por, NS

Ls crm-lt gry, vfn xtl, sli fos, sli chky, dnse

Ls crm-lt gry, fn xtl, fos, chky, p int xtl-pp por, NS

Ls crm-lt gry, vfn xtl, chty, dnse

Sh blk, carb

Ls crm-tan, fn xtl, fos, sli chky, p int xtl-pp por, NS

Sh gry-dk gry

Ls crm-lt gry, fn xtl, fos, sli chky, p-f int xtl-pp por w/few vugs, spid-sli sat lt stn, SFO, f odor, dull fluor

Ls tan-gry, vfn xtl, chty, dnse

Sh blk carb

Ls crm-lt gry, vfn xtl, dnse

Sh grn-gry

Ls crm-tan-gry, fn xtl, arg in prt

Sh grn-gry

Ls crm-lt gry, fn xtl, fos, sli chky, p-f int xtl-pp por w/few vugs, spid-sli sat stn, SFO, f odor, dull fluor

Sh grn-gry

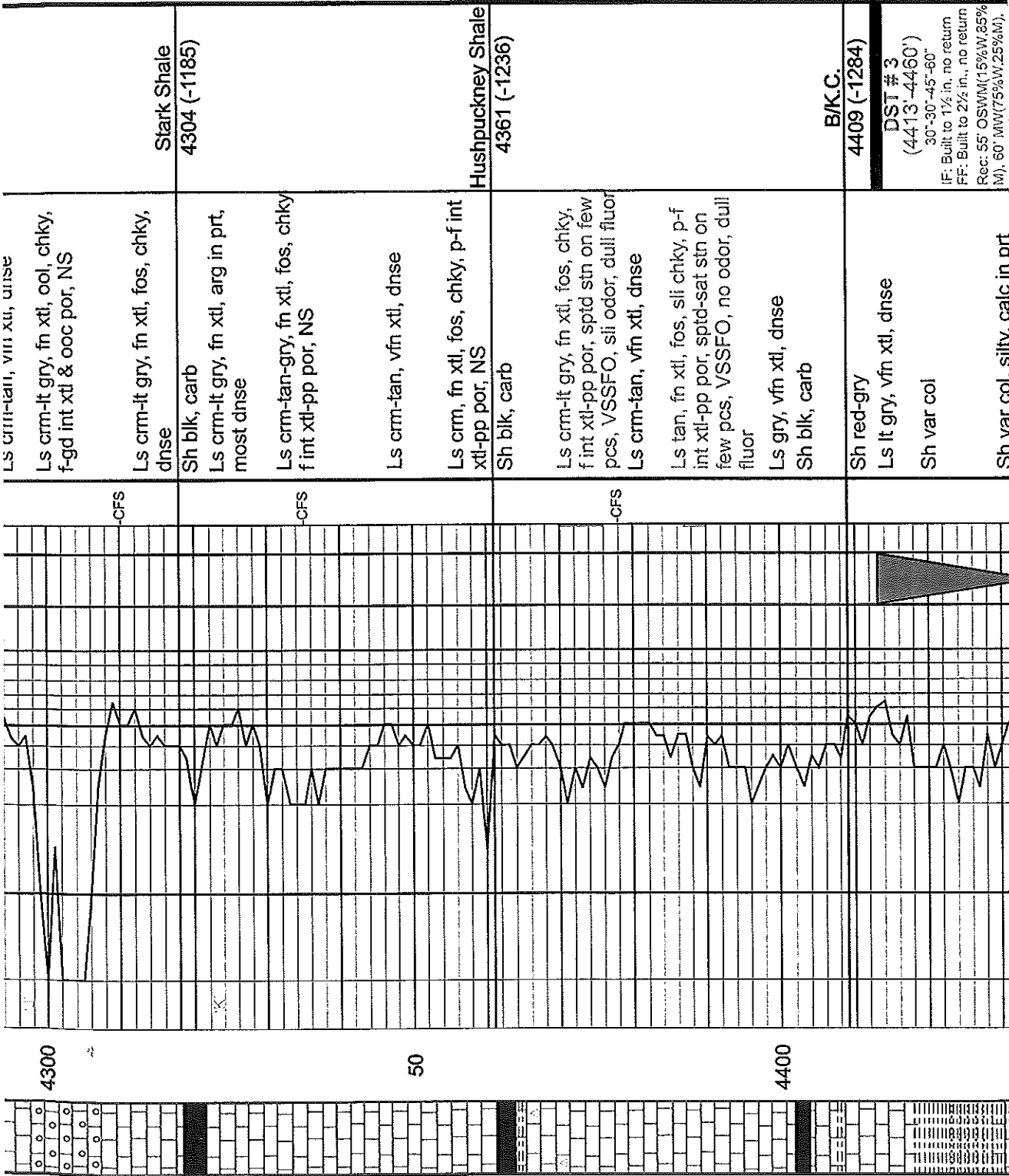
Ls crm-tan, vfn xtl, dnse

Ls crm-lt gry, fn xtl, ool, chky, f-g int xtl por, NS

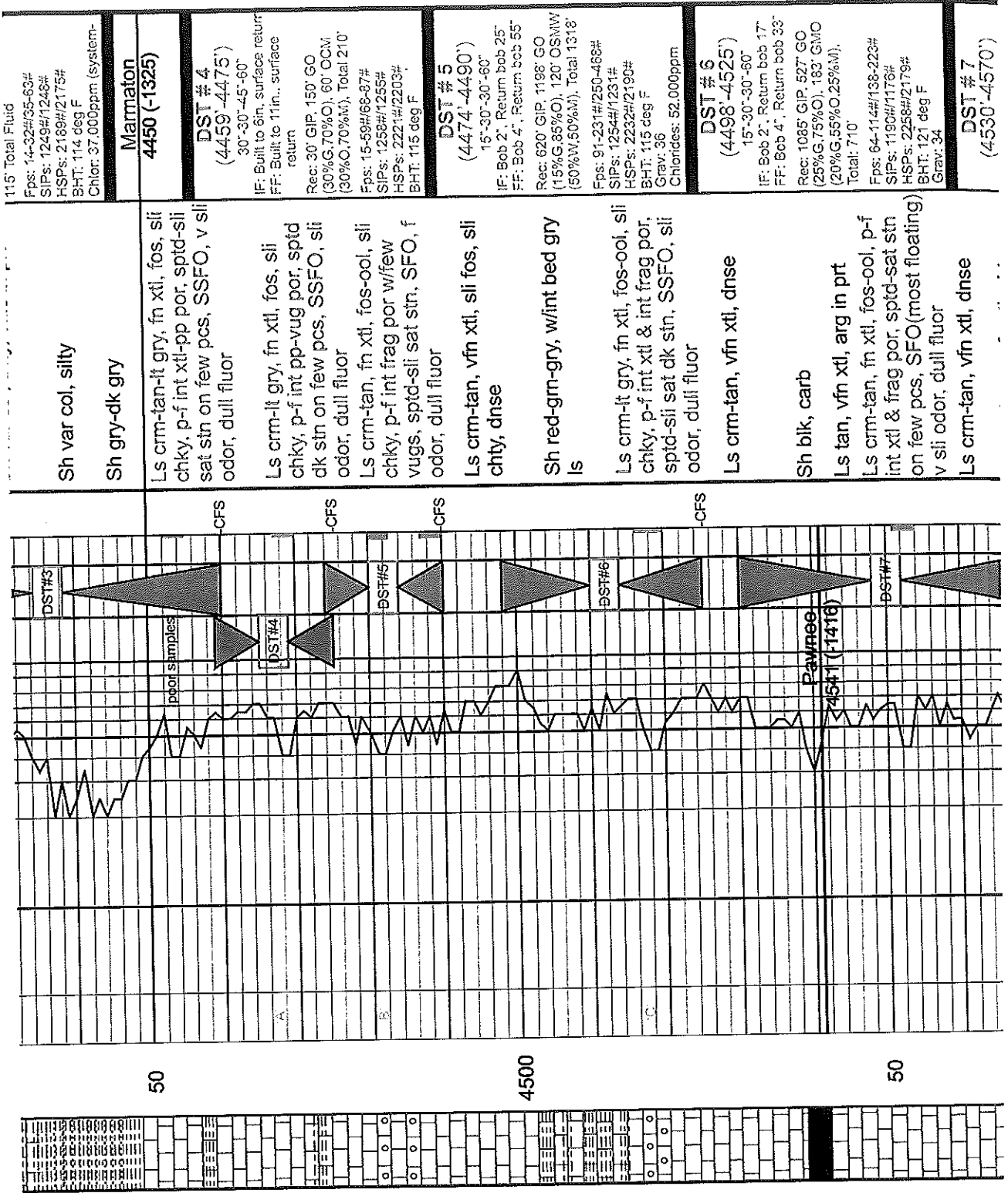
4200

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4300



DSI #3
(4413'-4460')
30°-30'-45°-60°
IF: Built to 1½ in., no return
FF: Built to 2½ in., no return
Rec: 55' OSWM(15%W,85%IW), 60' MWV(75%W,25%IW).



115' Total Fluid
 Fps: 14-32#/35-63#
 SIPS: 1249#/1248#
 HSPs: 2189#/2175#
 BHT: 114 deg F
 Chlor: 37,000ppm (system-)

Marmaton
4450 (-1325)

DST # 4
(4459'-4475')
 30'-30"-45'-60"
 IF: Built to 6in. surface return
 FF: Built to 11in., surface return
 Rec: 30' GIP, 150' GO
 (30%G,70%O), 60' OCM
 (30%O,70%M), Total 210'
 Fps: 15-59#/68-87#
 SIPS: 1258#/1255#
 HSPs: 2221#/2203#
 BHT: 115 deg F

DST # 5
(4474'-4490')
 15'-30"-30'-60"
 IF: Bob 2', Return bob 25'
 FF: Bob 4', Return bob 55'
 Rec: 620' GIP, 1198' GO
 (15%G,85%O), 120' OSNW
 (50%W,50%M), Total 1318'
 Fps: 91-231#/250-468#
 SIPS: 1254#/1231#
 HSPs: 2232#/2190#
 BHT: 115 deg F
 Grav: 36
 Chlorides: 52,000ppm

DST # 6
(4498'-4525')
 15'-30"-30'-60"
 IF: Bob 2', Return bob 17'
 FF: Bob 4', Return bob 33'
 Rec: 1085' GIP, 527' GO
 (25%G,75%O), 183' GMO
 (20%G,55%O,25%M),
 Total: 710'
 Fps: 64-114#/138-223#
 SIPS: 1190#/1178#
 HSPs: 2258#/2179#
 BHT: 121 deg F
 Grav: 34

DST # 7
(4530'-4570')

Sh var col, silty

Sh gry-dk gry

Ls crm-tan-lt gry, fn xtl, fos, sli
 chky, p-f int xtl-pp por, sptd-sli
 sat stn on few pcs, SSFO, v sli
 odor, dull fluor

Ls crm-lt gry, fn xtl, fos, sli
 chky, p-f int pp-vug por, sptd
 dk stn on few pcs, SSFO, sli
 odor, dull fluor

Ls crm-tan, fn xtl, fos-ool, sli
 chky, p-f int frag por w/few
 vugs, sptd-sli sat stn, SFO, f
 odor, dull fluor

Ls crm-tan, vfn xtl, sli fos, sli
 chty, dnse

Sh red-gm-gry, w/int bed gry
 ls

Ls crm-lt gry, fn xtl, fos-ool, sli
 chky, p-f int xtl & int frag por,
 sptd-sli sat dk stn, SSFO, sli
 odor, dull fluor

Ls crm-tan, vfn xtl, dnse

Sh blk, carb

Ls tan, vfn xtl, arg in prt
 Ls crm-tan, fn xtl, fos-ool, p-f
 int xtl & frag por, sptd-sat stn
 on few pcs, SFO (most floating)
 v sli odor, dull fluor

Ls crm-tan, vfn xtl, dnse

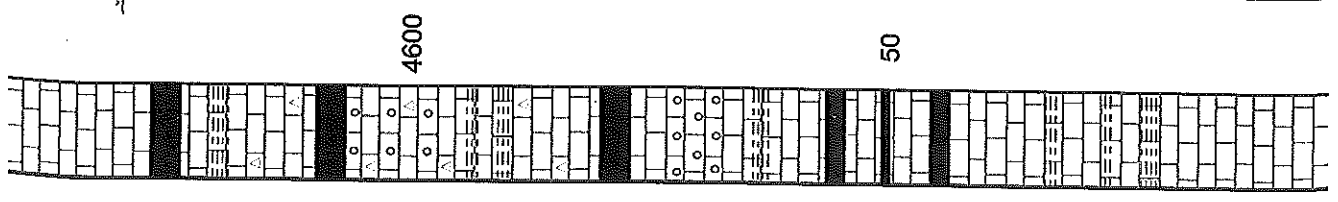
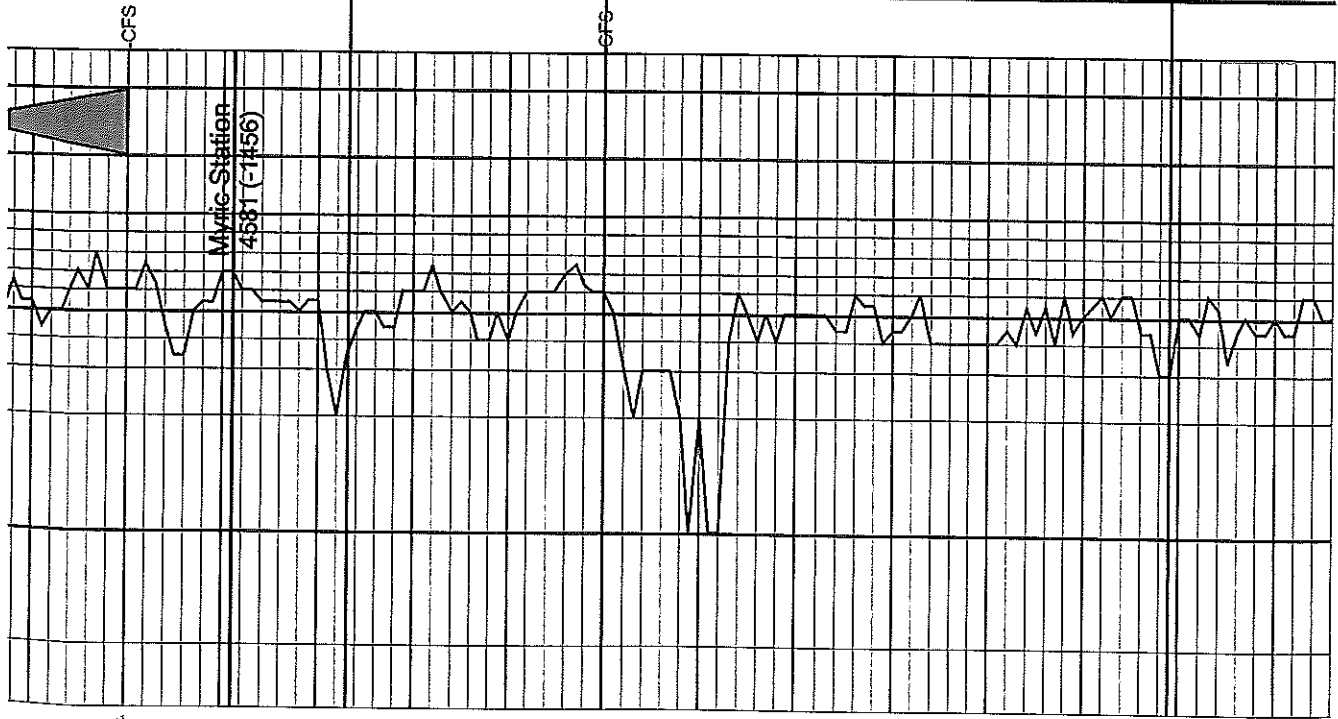
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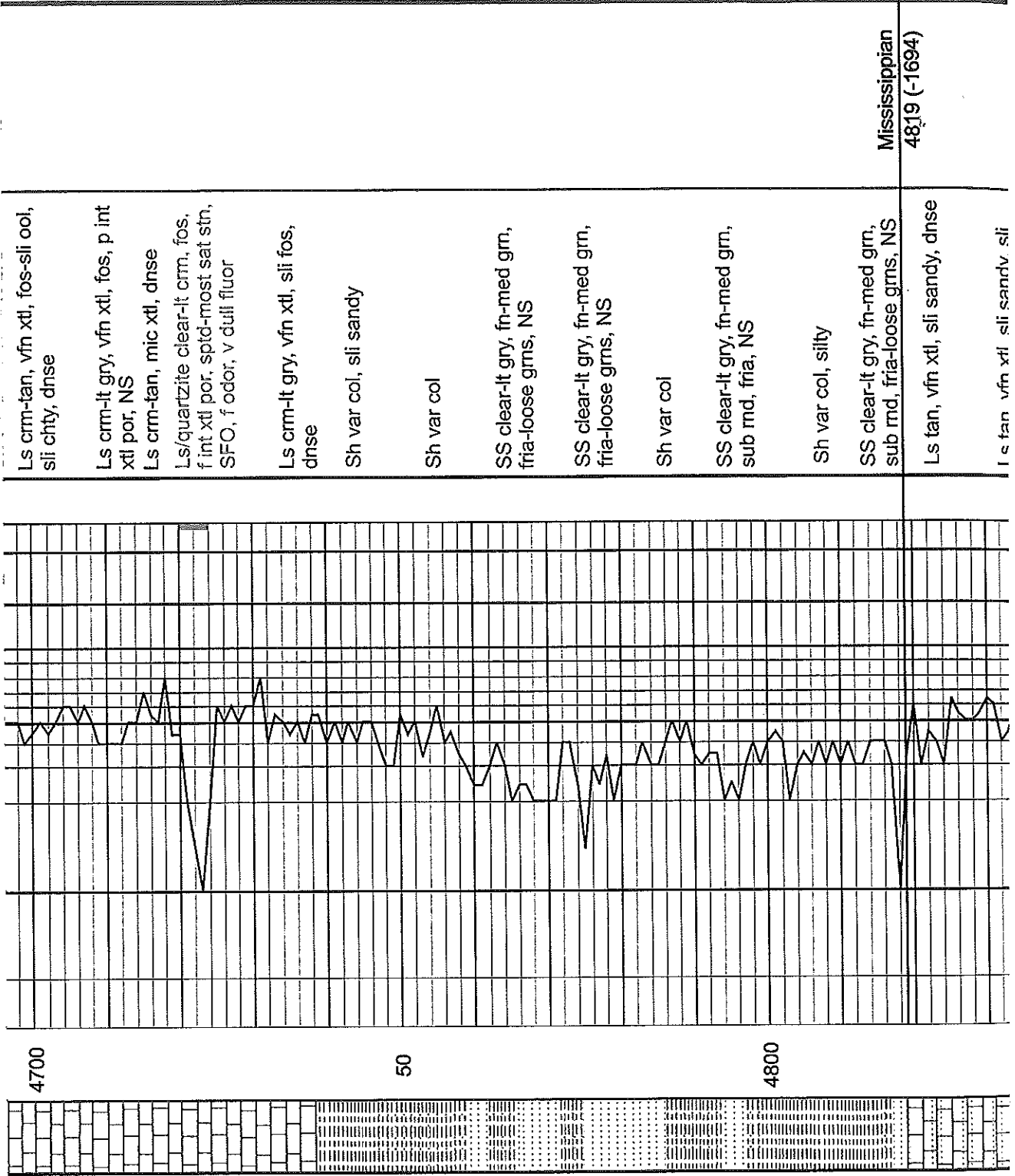
4500

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DST # 7
(4530-4570')
 30'-30"-30'-30"
 IF: Built to 1/4 in., no return
 FF: No blow, no return
 Rec: 1' OSM
 Fps: 16-17#/16-20#
 SPS: 21#/20#
 HSPs: 2236#/2199#
 BHT: 105 deg F

| | |
|--|---------------------------------------|
| V sli odor, dull fluor | |
| Ls crm-tan, vfn xtl, dnse | |
| Ls crm-lt gry, vfn xtl, chty | |
| Sh blk, carb | |
| Sh grn-gry | |
| Ls crm-tan-gry, vfn xtl, sli fos, sli chky, chty, dnse | |
| Sh blk, carb | Fort Scott 4593 (-1468) |
| Ls crm-tan-gry motld, vfn xtl, sli ool, sli chky, chty, dnse | |
| Sh grn-gry, calc | |
| Ls crm-gry, vfn xtl, chty, dnse | |
| Sh blk, carb | Cherokee Shale 4620 (-1495) |
| Ls crm-tan-gry motld, fn xtl, ool, chky, f int ool por, NS | |
| Sh grn-gry | |
| Ls crm-lt gry, vfn xtl, dnse | |
| Sh blk | |
| Ls tan-gry, w/int bed blk Sh | |
| Sh blk, w/int bed gry Ls | |
| Ls crm-lt gry, vfn xtl, dnse | |
| Sh gry-dk gry | |
| Ls crm-lt gry, vfn xtl, dnse | |
| Sh gry-dk gry | Johnson Zone 4679 (-1554) |
| Ls crm-lt gry, vfn xtl, sli fos, sli chky, p int xtl-pp por, sptd & edge str, VSSFO, no odor, sli dull fluor | |
| Ls crm-lt gry, vfn xtl, fos, dnse | |





Ls crm-tan, vfn xtl, fos-sli ool, sli chty, dnse

Ls crm-lt gry, vfn xtl, fos, p int xtl por, NS

Ls crm-tan, mic xtl, dnse

Ls/quartzite clear-lt crm, fos, f int xtl por, spid-most sat stn, SFO, f odor, v dull fluor

Ls crm-lt gry, vfn xtl, sli fos, dnse

Sh var col, sli sandy

Sh var col

SS clear-lt gry, fn-med gm, fria-loose grms, NS

SS clear-lt gry, fn-med gm, fria-loose grms, NS

Sh var col

SS clear-lt gry, fn-med gm, sub rnd, fria, NS

Sh var col, silty

SS clear-lt gry, fn-med gm, sub rnd, fria-loose grms, NS

Ls tan, vfn xtl, sli sandy, dnse

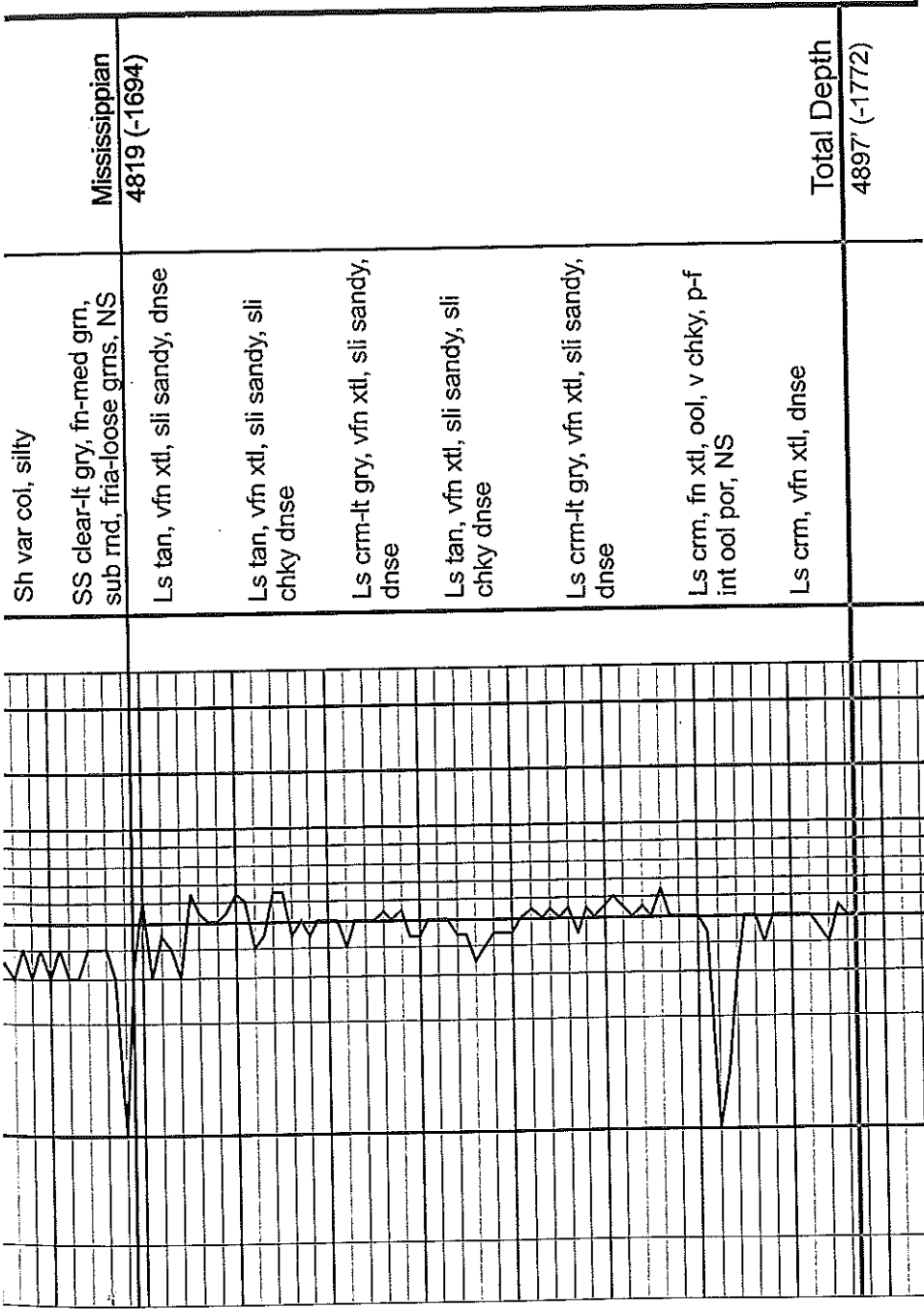
L s tan vfn xtl sli sandy sli

Mississippian
48,19 (-1694)

4700

50

4800



Sh var col, silty

SS clear-lt gry, fn-med gm,
sub rnd, fria-loose gms, NS

Ls tan, vfn xtl, sli sandy, dnse

Ls tan, vfn xtl, sli sandy, sli
chky dnse

Ls crm-lt gry, vfn xtl, sli sandy,
dnse

Ls tan, vfn xtl, sli sandy, sli
chky dnse

Ls crm-lt gry, vfn xtl, sli sandy,
dnse

Ls crm, fn xtl, ool, v chky, p-f
int ool por, NS

Ls crm, vfn xtl, dnse

Mississippian
4819 (-1694)

Total Depth
4897 (-1772)

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

April 17, 2013

Don Williams
Shakespeare Oil Co., Inc.
202 W MAIN ST
SALEM, IL 62881-1519

Re: ACO1
API 15-171-20929-00-00
Janzen 2-26
SW/4 Sec.26-16S-34W
Scott County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Don Williams