



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1131577
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
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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: _____



1131577

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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Hutchinson Oil

20-22-11 Stafford Co

Po Box 521
Derby KS 67037

V&V #1

Job Ticket: 49525

DST#: 1

ATTN: Steve Hutchinson/ Je

Test Start: 2013.01.26 @ 17:04:10

GENERAL INFORMATION:

Formation: **Lansing B,D,F**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:07:25

Time Test Ended: 02:08:40

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Staats

Unit No: 47

Interval: 3281.00 ft (KB) To 3345.00 ft (KB) (TVD)

Reference Elevations: 1838.00 ft (KB)

Total Depth: 3345.00 ft (KB) (TVD)

1829.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

Serial #: 6755 Outside

Press @ Run Depth: 45.07 psig @ 3282.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.01.26 End Date: 2013.01.27

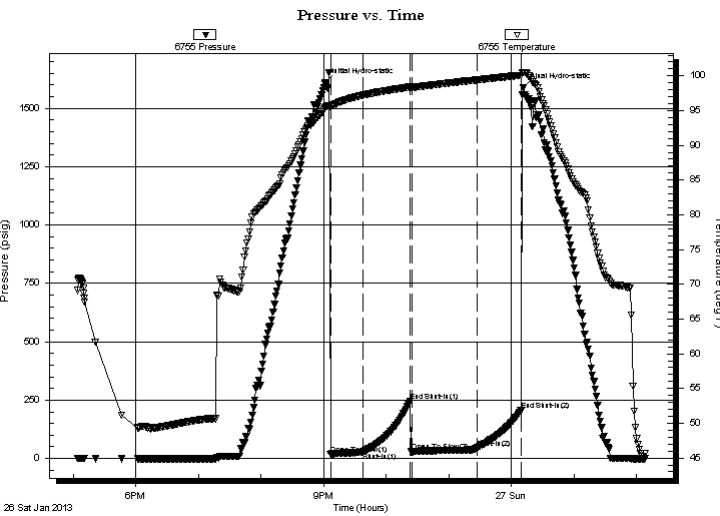
Last Calib.: 2013.01.27

Start Time: 17:04:15 End Time: 02:08:40

Time On Btm: 2013.01.26 @ 21:01:25

Time Off Btm: 2013.01.27 @ 00:11:10

TEST COMMENT: IF: Fair blow 5"
IS: No blow back
FF: Fair blow 6"
FS: No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1610.53	95.28	Initial Hydro-static
6	18.31	95.66	Open To Flow (1)
36	27.07	97.21	Shut-In(1)
82	245.06	98.40	End Shut-In(1)
83	30.11	98.32	Open To Flow (2)
146	45.07	99.42	Shut-In(2)
188	205.60	100.09	End Shut-In(2)
190	1590.18	100.50	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	MUD	0.25

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Hutchinson Oil

20-22-11 Stafford Co

Po Box 521
Derby KS 67037

V&V #1

Job Ticket: 49525

DST#: 1

ATTN: Steve Hutchinson/ Je

Test Start: 2013.01.26 @ 17:04:10

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: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
50.00	MUD	0.246

Total Length: 50.00 ft Total Volume: 0.246 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

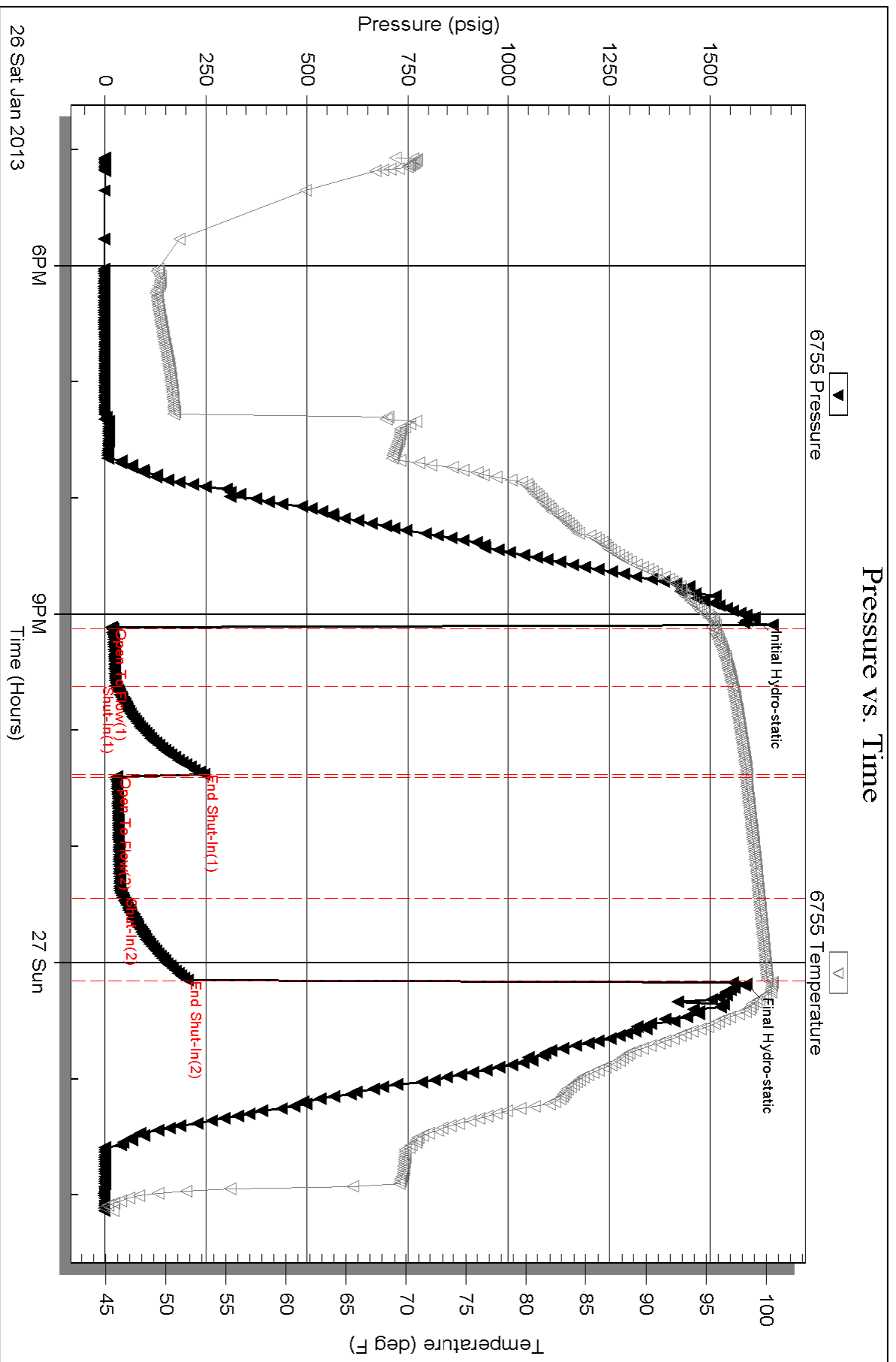
Serial #: 6755

Outside Hutchinson Oil

V&V #1

DST Test Number: 1

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Hutchinson Oil

20-22-11 Stafford Co

Po Box 521
Derby KS 67037

V&V #1

Job Ticket: 50926

DST#: 2

ATTN: Steve Hutchinson/ Je

Test Start: 2013.01.27 @ 21:31:45

GENERAL INFORMATION:

Formation: **Simpson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:26:45

Time Test Ended: 08:29:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Chris Staats

Unit No: 47

Interval: 3536.00 ft (KB) To 3575.00 ft (KB) (TVD)

Reference Elevations: 1838.00 ft (KB)

Total Depth: 3575.00 ft (KB) (TVD)

1829.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

Serial #: 6755 Inside

Press @ RunDepth: 40.33 psig @ 3537.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.01.27 End Date: 2013.01.28

Last Calib.: 2013.01.28

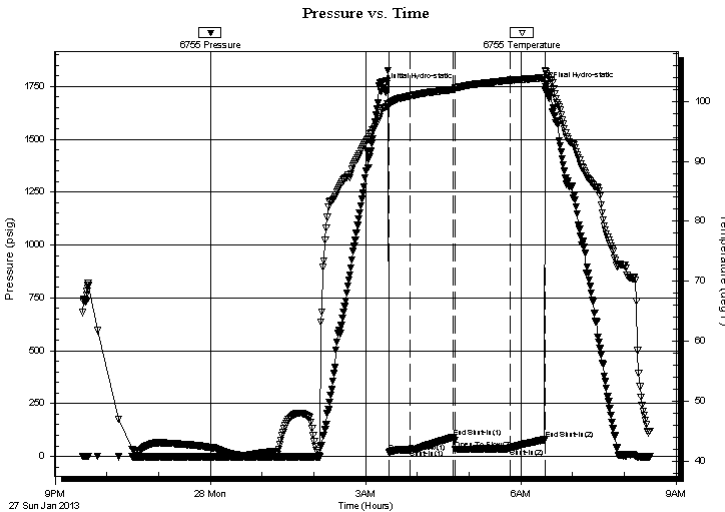
Start Time: 21:31:50 End Time: 08:29:30

Time On Btm: 2013.01.28 @ 03:20:30

Time Off Btm: 2013.01.28 @ 06:28:45

TEST COMMENT: IF: Strong blow BOB 25 min
IS: No blow back
FF: Strong blow 8"
FS: No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1745.47	98.86	Initial Hydro-static
7	20.95	99.44	Open To Flow (1)
31	31.77	100.89	Shut-In(1)
82	90.35	101.97	End Shut-In(1)
84	34.66	102.21	Open To Flow (2)
147	40.33	103.53	Shut-In(2)
187	79.58	103.92	End Shut-In(2)
189	1750.94	104.93	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	370' GIP	0.00
50.00	MUD with oil spots in tool	0.25

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Hutchinson Oil

20-22-11 Stafford Co

Po Box 521
Derby KS 67037

V&V #1

Job Ticket: 50926

DST#: 2

ATTN: Steve Hutchinson/ Je

Test Start: 2013.01.27 @ 21:31:45

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: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	370' GIP	0.000
50.00	MUD w ith oil spots in tool	0.246

Total Length: 50.00 ft Total Volume: 0.246 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

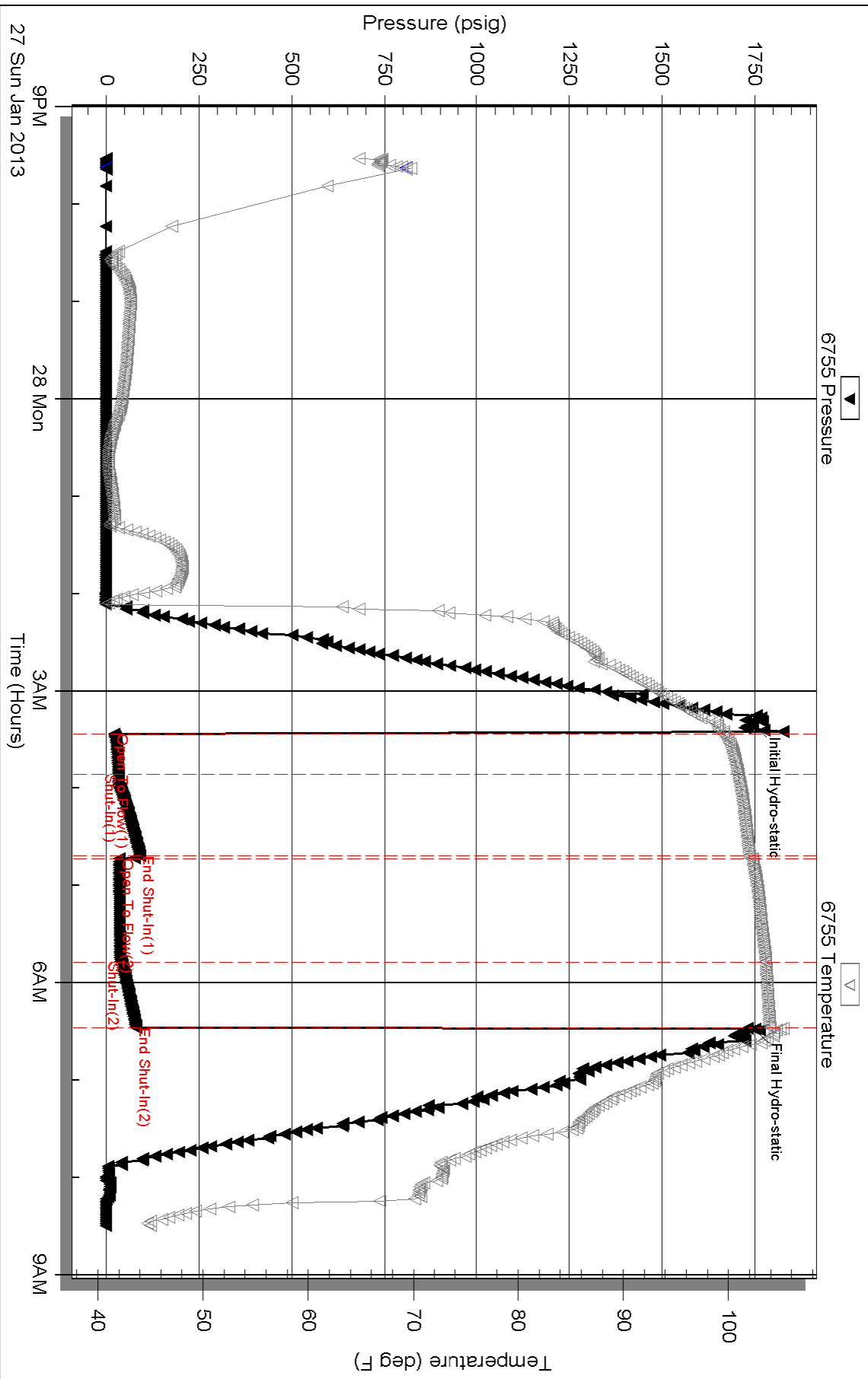
Serial #: 6755

Inside Hutchinson Oil

V&V #1

DST Test Number: 2

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 50926

Printed: 2013.01.28 @ 09:14:43



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Hutchinson Oil

20-22-11 Stafford Co

Po Box 521
Derby KS 67037

V&V #1

Job Ticket: **DST#: 3**

ATTN: Steve Hutchinson/ Je

Test Start: 2013.01.28 @ 19:34:46

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 22:54:31
 Time Test Ended: 03:54:16
 Interval: **3573.00 ft (KB) To 3617.00 ft (KB) (TVD)**
 Total Depth: 3617.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Chris Staats
 Unit No: 47
 Reference Elevations: 1838.00 ft (KB)
 1829.00 ft (CF)
 KB to GR/CF: 9.00 ft

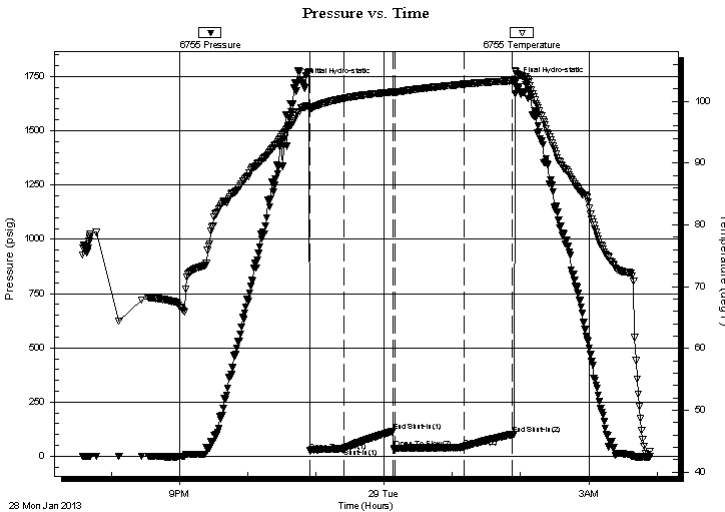
Serial #: 6755

Inside

Press @ RunDepth: 43.52 psig @ 3574.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.01.28 End Date: 2013.01.29 Last Calib.: 2013.01.29
 Start Time: 19:34:51 End Time: 03:54:15 Time On Btm: 2013.01.28 @ 22:47:31
 Time Off Btm: 2013.01.29 @ 01:56:01

TEST COMMENT: IF: Strong blow BOB 28 min
 IS: No blow back
 FF: Strong blow BOB 8 min
 FS: No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1720.47	98.97	Initial Hydro-static
7	25.45	98.65	Open To Flow (1)
37	35.71	100.46	Shut-In(1)
80	115.14	101.48	End Shut-In(1)
82	35.26	101.46	Open To Flow (2)
143	43.52	102.76	Shut-In(2)
185	100.88	103.33	End Shut-In(2)
189	1725.49	104.78	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	370 GIP	0.00
50.00	MUD w ith oil spots	0.25

* Recovery from multiple tests

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Hutchinson Oil

20-22-11 Stafford Co

Po Box 521
Derby KS 67037

V&V #1

Job Ticket:

DST#: 3

ATTN: Steve Hutchinson/ Je

Test Start: 2013.01.28 @ 19:34:46

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: 46.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.78 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	370 GIP	0.000
50.00	MUD with oil spots	0.246

Total Length: 50.00 ft Total Volume: 0.246 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

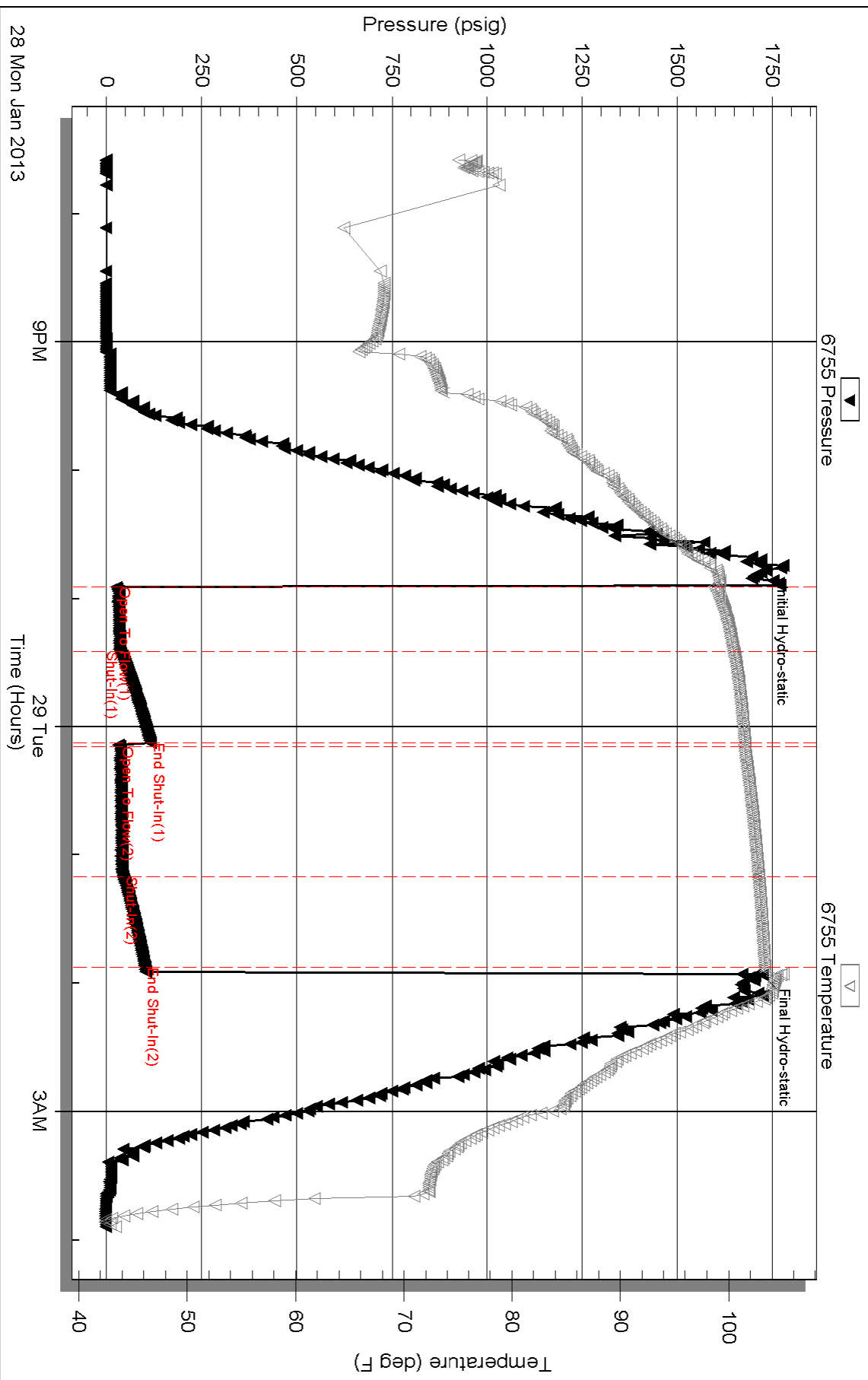
Serial #: 6755

Inside Hutchinson Oil

V&V #1

DST Test Number: 3

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Hutchinson Oil
Po Box 521
Derby KS 67037
ATTN: Steve Hutchinson/ Je

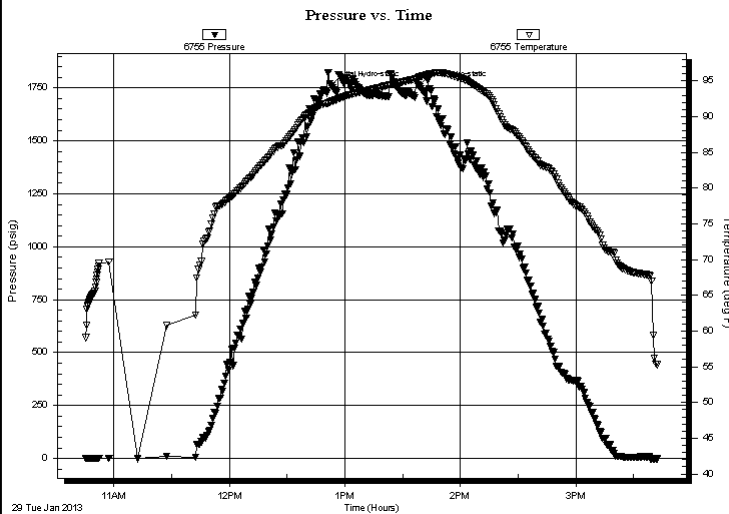
20-22-11 Stafford Co
V&V #1
Job Ticket: 50928 **DST#: 4**
Test Start: 2013.01.29 @ 10:45:27

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:00:00
Time Test Ended: 15:42:42
Interval: **3617.00 ft (KB) To 3627.00 ft (KB) (TVD)**
Total Depth: 3627.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Reset)
Tester: Chris Staats
Unit No: 47
Reference Elevations: 1838.00 ft (KB)
1829.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 6755 Inside
Press @ Run Depth: psig @ 3618.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2013.01.29 End Date: 2013.01.29 Last Calib.: 2013.01.29
Start Time: 10:45:32 End Time: 15:42:41 Time On Btm: 2013.01.29 @ 12:52:57
Time Off Btm: 2013.01.29 @ 13:38:27

TEST COMMENT: MISS RUN Hydraulic tool did not open



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1760.94	92.09	Initial Hydro-static
46	1759.00	95.51	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Hutchinson Oil

20-22-11 Stafford Co

Po Box 521
Derby KS 67037

V&V #1

Job Ticket: 50928

DST#: 4

ATTN: Steve Hutchinson/ Je

Test Start: 2013.01.29 @ 10:45:27

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: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl

Total Length: ft Total Volume: bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

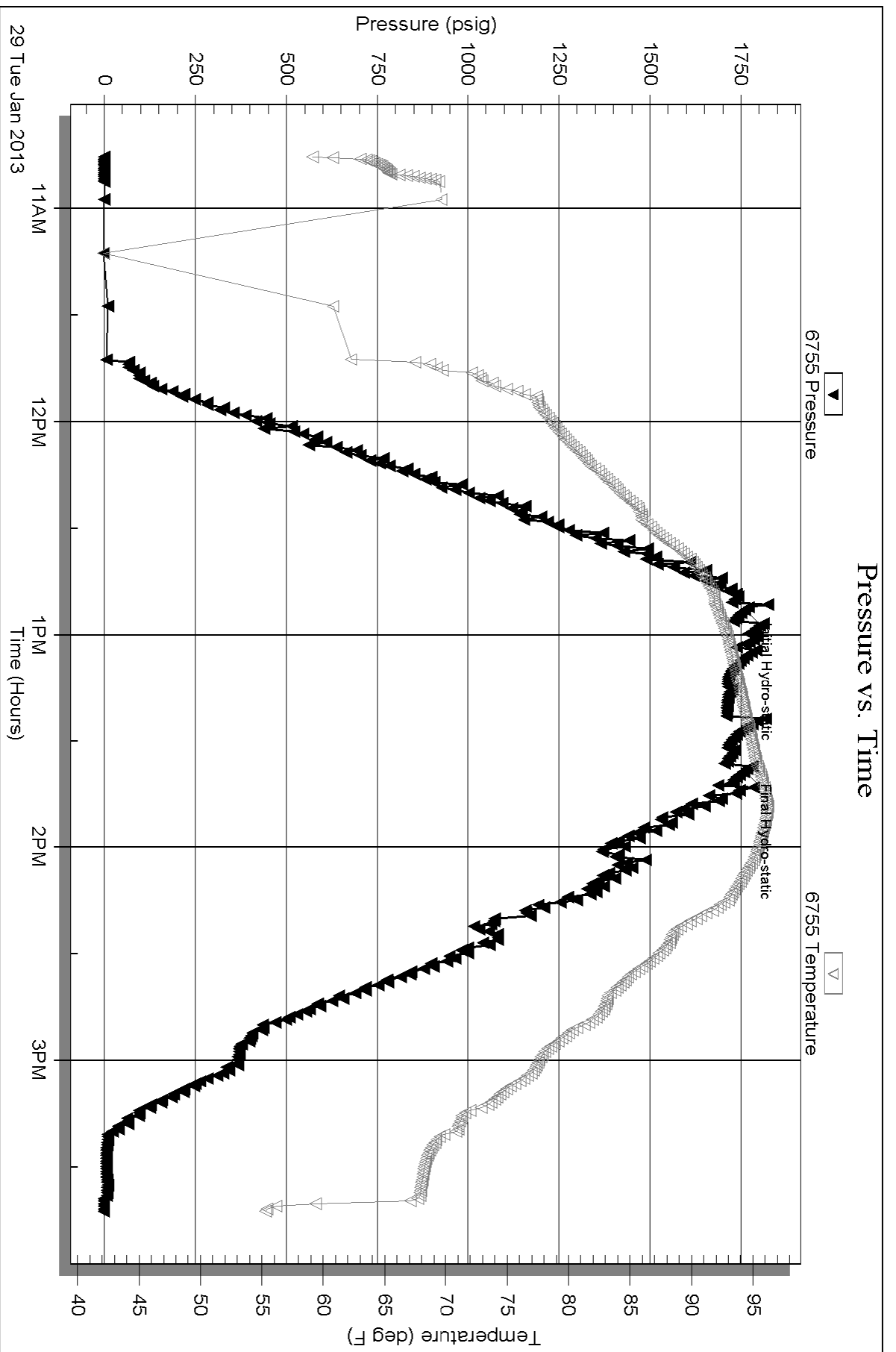
Recovery Comments:

Serial #: 6755

Inside Hutchinson Oil

V&V #1

DST Test Number: 4





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Hutchinson Oil

20-22-11 Stafford Co

Po Box 521
Derby KS 67037

V&V #1

Job Ticket: 50929

DST#: 5

ATTN: Steve Hutchinson/ Je

Test Start: 2013.01.29 @ 15:53:09

GENERAL INFORMATION:

Formation: **Abuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:40:09

Time Test Ended: 22:05:39

Test Type: Conventional Bottom Hole (Reset)

Tester: Chris Staats

Unit No: 47

Interval: **3617.00 ft (KB) To 3627.00 ft (KB) (TVD)**

Reference Elevations: 1838.00 ft (KB)

Total Depth: 3627.00 ft (KB) (TVD)

1829.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

Serial #: **6755**

Inside

Press @ RunDepth: 18.35 psig @ 3618.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.01.29

End Date:

2013.01.29

Last Calib.:

2013.01.29

Start Time: 15:53:14

End Time:

22:05:38

Time On Btm:

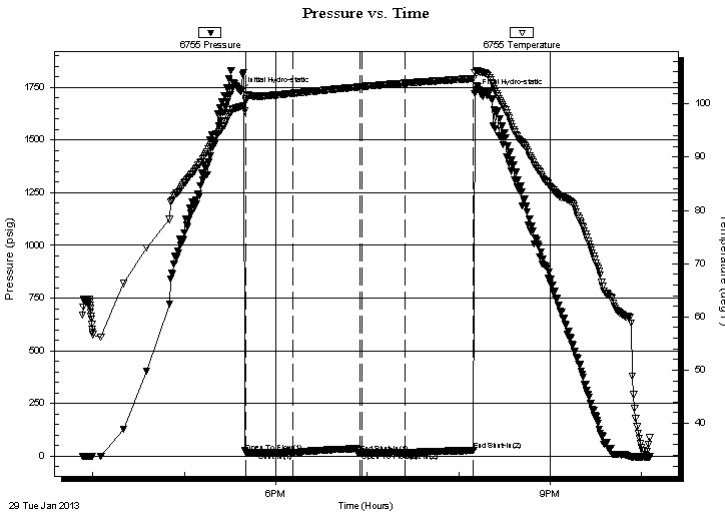
2013.01.29 @ 17:37:09

Time Off Btm:

2013.01.29 @ 20:10:24

TEST COMMENT: IF: Weak blow 4"
IS: No blow back
FF: Weak blow 1"
FS: No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1731.21	99.51	Initial Hydro-static
3	19.27	100.52	Open To Flow (1)
34	16.76	101.98	Shut-In(1)
78	15.99	103.21	End Shut-In(1)
79	16.80	103.25	Open To Flow (2)
108	18.35	103.90	Shut-In(2)
153	28.17	104.77	End Shut-In(2)
154	1721.00	105.82	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Gassy Mud	0.02

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Hutchinson Oil

20-22-11 Stafford Co

Po Box 521
Derby KS 67037

V&V #1

Job Ticket: 50929

DST#: 5

ATTN: Steve Hutchinson/ Je

Test Start: 2013.01.29 @ 15:53:09

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: 52.00 sec/qt

Cushion Volume:

bbf

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
5.00	Gassy Mud	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6755

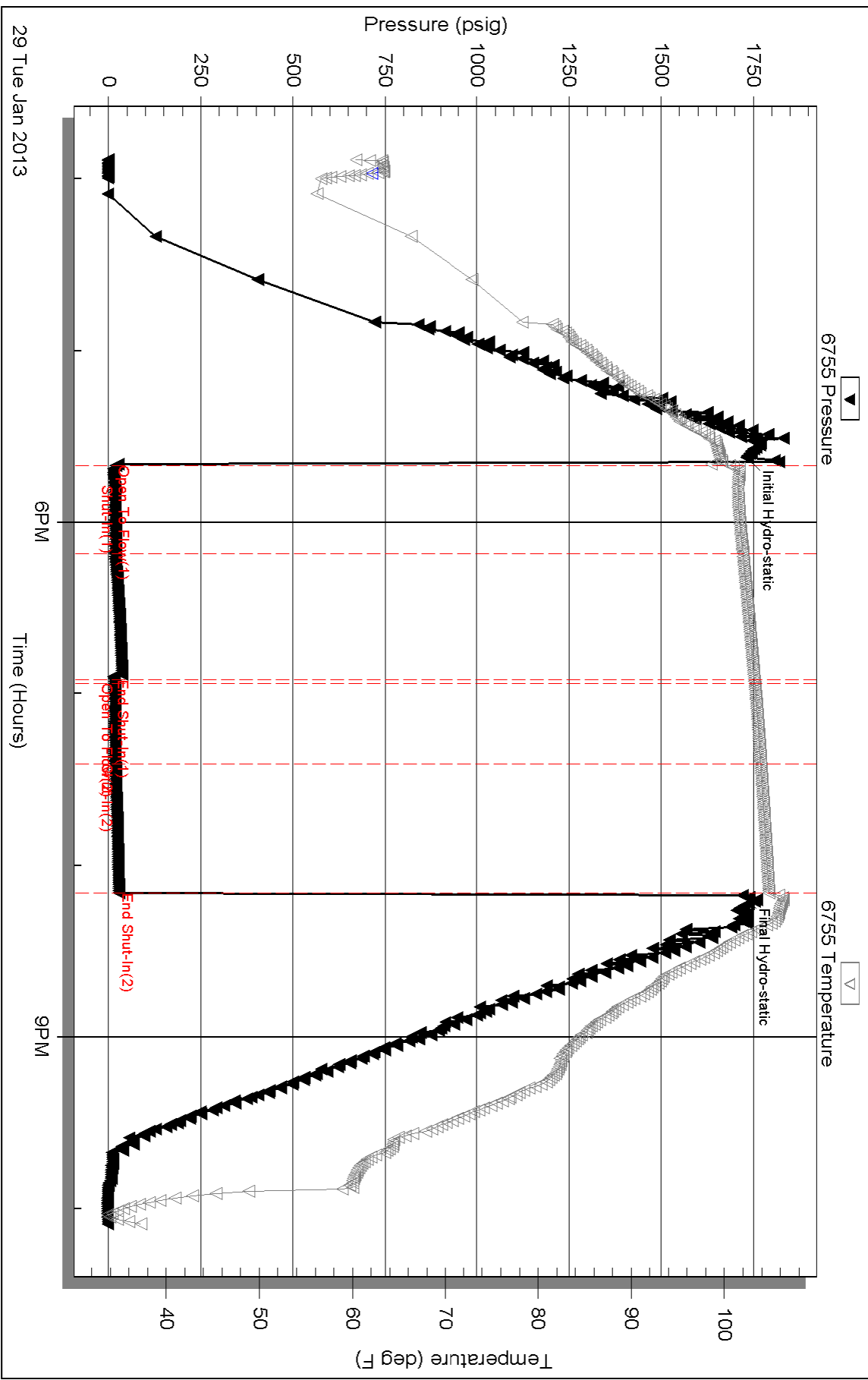
Inside

Hutchinson Oil

V&V #1

DST Test Number: 5

Pressure vs. Time





PAGE 1 of 1	CUST NO 1005512	INVOICE DATE 01/24/2013
INVOICE NUMBER 1718 - 91102713 <i>Surface</i>		

Pratt (620) 672-1201
 B HUTCHINSON OIL COMPANY
 I PO BOX 521
 L DERBY
 L KS US 67037
 T
 O ATTN:

J LEASE NAME V & V 1
 O LOCATION
 B COUNTY Stafford
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T JOB CONTACT
 E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40557479	20920		Net - 30 days	02/23/2013

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
For Service Dates: 01/23/2013 to 01/23/2013				
0040557479				
171807715A Cement-New Well Casing/Pi 01/23/2013				
Cement 8 5/8" Surface				
60/40 POZ	300.00	EA	9.00	2,699.74 T
Celloflake	75.00	EA	2.77	208.11 T
Calcium Chloride	774.00	EA	0.79	609.47 T
"Wooden Cmt Plug, 8 5/8" ""	1.00	EA	119.99	119.99
"Unit Mileage Chg (PU, cars one way)"	45.00	MI	3.19	143.42
Heavy Equipment Mileage	90.00	MI	5.25	472.46
"Proppant & Bulk Del. Chgs., per ton mil	581.00	EA	1.20	697.13
Depth Charge; 0-500'	1.00	EA	749.93	749.93
Blending & Mixing Service Charge	300.00	BAG	1.05	314.97
Plug Container Util. Chg.	1.00	EA	187.48	187.48
"Service Supervisor, first 8 hrs on loc.	1.00	EA	131.24	131.24

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	6,333.94
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	256.76
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	6,590.70
DALLAS, TX 75284-1903	FORT WORTH, TX 76102		



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET

1718 07715 A

DATE _____ TICKET NO. _____

DATE OF JOB <i>01-23-13</i> DISTRICT <i>Pratt KS</i>		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:								
CUSTOMER <i>HUTCHINSON OIL</i>		LEASE <i>V+V</i> WELL NO. <i>1</i>								
ADDRESS		COUNTY <i>STAFFORD</i> STATE <i>KS</i>								
CITY STATE		SERVICE CREW <i>Sullivan, Wright, Phye</i>								
AUTHORIZED BY		JOB TYPE: <i>cnw 8 3/8 Surface</i>								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
<i>33708-20920</i>	<i>45</i>						<i>01-22-13</i>			<i>7:30</i>
<i>70959-19918</i>	<i>45</i>						<i>01-22-13</i>			<i>11:15</i>
<i>37900</i>							<i>01-23-13</i>			<i>2:00</i>
										<i>2:45</i>
										<i>3:30</i>
										<i>45</i>

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
<i>CP 103</i>	<i>60/40 p02 cmt</i>	<i>SK</i>	<i>300</i>		<i>3,600 00</i>
<i>CC 102</i>	<i>collHoke</i>	<i>lb</i>	<i>75</i>		<i>277 50</i>
<i>CC 109</i>	<i>Calcium chloride</i>	<i>lb</i>	<i>774</i>		<i>812 70</i>
<i>CF 153</i>	<i>wooden Plug 8 3/8</i>	<i>SA</i>	<i>1</i>		<i>160 00</i>
<i>E 100</i>	<i>pickup one</i>	<i>mi</i>	<i>45</i>		<i>191 35</i>
<i>E 101</i>	<i>Heavy cont rw</i>	<i>mi</i>	<i>90</i>		<i>630 00</i>
<i>E 113</i>	<i>Bulk Odium</i>	<i>TAL</i>	<i>581</i>		<i>928 80</i>
<i>CE 200</i>	<i>Depth Change</i>	<i>SA</i>	<i>1</i>		<i>1,000 00</i>
<i>CE 240</i>	<i>Blenburg - mixing</i>	<i>SK</i>	<i>300</i>		<i>470 00</i>
<i>CE 504</i>	<i>Plug Contained Rotted</i>	<i>SA</i>	<i>1</i>		<i>250 00</i>
<i>S 003</i>	<i>Schum Super wire</i>	<i>SA</i>	<i>1</i>		<i>175 00</i>

CHEMICAL / ACID DATA:			

SUB TOTAL		<i>DLS</i>	<i>6,333.94</i>
SERVICE & EQUIPMENT	%TAX ON \$		
MATERIALS	%TAX ON \$		
TOTAL		<i>Thank you</i>	

SERVICE REPRESENTATIVE <i>Robert Sullivan</i>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <i>James A. [Signature]</i>
FIELD SERVICE ORDER NO.	(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

Customer <i>HUTCHINSON OIL</i>	Lease No.	Date <i>01-23-13</i>
Lease <i>vaV</i>	Well # <i>1</i>	
Field Order # <i>7715</i>	Station <i>Pratt KS</i>	Casing <i>8 5/8</i>
		Depth <i>309'</i>
Type Job <i>CNW 8 5/8 surface</i>	Formation	County <i>STAFFORD</i>
		State <i>KS</i>
		Legal Description <i>20-22-11</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<i>8 5/8</i>								
Depth <i>309</i>	Depth	From	To	Pre Pad	Max		5 Min.	
Volume <i>18</i>	Volume	From	To	Pad	Min		10 Min.	
Max Press <i>300</i>	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection <i>P.C</i>	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth <i>214</i>	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative	Station Manager <i>DAVE SCOTT</i>	Treater <i>Robert Sullivan</i>
Service Units <i>37900 33708 20920 70959 19918</i>		
Driver Names <i>Sullivan Wright Phye</i>		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>11:15</i>					<i>on loc setting monkey</i>
					<i>Run 7 STS 8 5/8 CSP</i>
<i>1:45</i>					<i>CASING ON BOTTOM</i>
<i>1:55</i>					<i>Hook Dip CIRC</i>
<i>2:00</i>			<i>3</i>	<i>4</i>	<i>BT SPICER</i>
			<i>64</i>	<i>4.5</i>	<i>mix cmt 300 sk 60/40 po2 cmt</i>
					<i>cmt mixed shot down</i>
					<i>Release Plug</i>
				<i>3.5</i>	<i>ST Disp</i>
<i>2:45</i>			<i>18</i>		<i>Plug down</i>
					<i>Circ 12 BBL cmt pit</i>
					<i>JOB COMPLETE</i>
					<i>Thank you</i>



PAGE 1 of 1	CUST NO 1005512	INVOICE DATE 02/01/2013
INVOICE NUMBER 1718 - 91109806 <i>Plugging</i>		

Pratt (620) 672-1201
 HUTCHINSON OIL COMPANY
 PO BOX 521
 DERBY
 KS US 67037
 ATTN:

LEASE NAME V & V 1
 LOCATION
 COUNTY Stafford
 STATE KS
 JOB DESCRIPTION Cement-New Well Casing/Pi
 JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40560311	19843		Net - 30 days	03/03/2013

For Service Dates: 01/31/2013 to 01/31/2013

0040560311

171807604A Cement-New Well Casing/Pi 01/31/2013
 Cement PTA

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
60/40 POZ	220.00	EA	9.00	1,979.78 T
Cement Gel	380.00	EA	0.19	71.24 T
"Unit Mileage Chg (PU, cars one way)"	45.00	MI	3.19	143.42
Heavy Equipment Mileage	90.00	MI	5.25	472.45
"Proppant & Bulk Del. Chgs., per ton mil	428.00	EA	1.20	513.54
Depth Charge; 3001-4000' <i>Plug</i>	1.00	EA	1,619.81	1,619.81
Blending & Mixing Service Charge	220.00	BAG	1.05	230.97
"Service Supervisor, first 8 hrs on loc.	1.00	EA	131.23	131.23



PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	5,162.44
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	149.72
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	5,312.16
DALLAS, TX 75284-1903	FORT WORTH, TX 76102		

Customer <i>HUTCHINSON OIL CO.</i>	Lease No.	Date <i>31</i> <i>1-31-2013</i>	
Lease <i>V&V</i>	Well # <i>1</i>	Field Order # <i>071004</i>	Station <i>PRATT, KS.</i>
Type Job <i>C/NW-P.T.A.</i>	Formation <i>TD-3100'</i>	Legal Description <i>NO-22-11</i>	County <i>STAFFORD</i>
Casing <i>4 1/2" D.P.</i>	Depth	State <i>KS.</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
				<i>20SK. 60/40POZ</i>				5 Min.
Depth	Depth	From	To	Pre Pad	Max			10 Min.
				<i>@ 1.43 CVFT³</i>	Min			15 Min.
Volume	Volume	From	To	Pad	Avg			Annulus Pressure
Max Press	Max Press	From	To	Frac				Total Load
Well Connection	Annulus Vol.	From	To		HHP Used			
Plug Depth	Packer Depth	From	To	Flush	Gas Volume			

Customer Representative <i>S. HUTCHINSON</i>	Station Manager <i>D. SCOTT</i>	Treater <i>K. LESLEY</i>
Service Units <i>37526 19889 19843 19826 19860</i>		
Driver Names <i>LESLEY MADOLEZ LAWRENCE</i>		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>9:00 PM</i>					<i>ON LOC. SAFETY MEETING @ 6:00 PM</i>
<i>9:35 PM</i>	<i>500</i>		<i>15</i>	<i>6</i>	<i>1ST PLUG @ 3500' w/ 50SKS.</i>
<i>9:50 PM</i>	<i>450</i>		<i>12.7</i>	<i>6</i>	<i>H₂O AHEAD</i>
<i>9:52 PM</i>	<i>400</i>		<i>4</i>	<i>6</i>	<i>MIX 50SKS. @ 13.78 PPG</i>
<i>10:00 PM</i>	<i>0</i>		<i>43</i>	<i>6</i>	<i>H₂O BEHIND</i>
					<i>MUD DISPLACEMENT</i>
					<i>2ND PLUG @ 600' w/ 50SKS.</i>
<i>12:40 AM</i>	<i>200</i>		<i>5</i>	<i>4</i>	<i>H₂O AHEAD</i>
<i>12:44 AM</i>	<i>200</i>		<i>12.7</i>	<i>4</i>	<i>MIX 50SKS. @ 13.78 PPG</i>
<i>12:45 AM</i>	<i>0</i>		<i>4</i>	<i>4</i>	<i>H₂O BEHIND</i>
					<i>3RD PLUG @ 330' w/ 50SKS.</i>
<i>1:25 AM</i>	<i>0</i>		<i>5</i>	<i>3</i>	<i>H₂O AHEAD</i>
<i>1:29 AM</i>	<i>0</i>		<i>12.7</i>	<i>3</i>	<i>MIX 50SKS. @ 13.78 PPG</i>
<i>1:30 AM</i>	<i>0</i>		<i>1.5</i>	<i>3</i>	<i>4TH PLUG @ 600' w/ 20SKS.</i>
<i>1:45 AM</i>	<i>0</i>		<i>5</i>	<i>2</i>	<i>CMT. TO SURFACE</i>
<i>1:55 AM</i>	<i>0</i>		<i>6, 4</i>		<i>R.H. = 30SKS. M.H. = 20SKS.</i>

*JOB COMPLETE,
THANKS -
KEVEN LESLEY*

LITHOLOGY STRIP LOG

WellSight Systems

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

Well Name: V & V #1
Location: Aprox. SE SW NE of Section 20-T22S-R11W
License Number: KCC Licence#: 5614
Spud Date: 01/22/13
Surface Coordinates: 2350' FNL & 1460' FEL
Region: Mid-Continent
Drilling Completed:

Bottom Hole Coordinates: Same as Surface Coordinates
Ground Elevation (ft): 1829' K.B. Elevation (ft): 1838'
Logged Interval (ft): 2600' To: 3700' Total Depth (ft): 3700'
Formation: Arbuckle Dolomite @ Total Depth
Type of Drilling Fluid: Andy's Mud Company (Chemical Drispac)
Printed by WellSight Log Viewer from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Hutchinson Oil Company
Address: P.O. Box #521
Hutchinson, KS 67037

GEOLOGIST

Name: Jeffrey A. Burk, Consulting Petroleum Geologist
Company: PETERRA Energy Services
Address: 110 South Main, Suite #510
Wichita, KS 67202
Phone: (316) 269-2015

DST's

DST #1 3281'-3345' (Lansing "B", "D", "F")

OP 30"-45"-60"-45"

1st open: WB built to 5"

1st shut in: No blow back

2nd open: WB built to 6"

2nd shut in: No blow back

REC: 50' MUD (no shows)

IHP: 1610#

IFP: 18#-27#

ISIP: 245#

FFP: 30#-45#

FSIP: 205#

FHP: 1590#

BHT: 100 degrees

DST #2 3520'-3553' (Viola & Simpson Sd)

OP 30"-45"-60"-60"

1st open: BOB in 45 sec. w/ GTS in 11 minutes

Gauged 191 MCFGPD

1st shut in: no blow back

2nd open: GTS, Stablized @ 268 MCFGPD

2nd shut in: no blow back

REC: 150' GCM

IHP: 1817#

IFP: 119#-182#

ISIP: 333#

FFP: 97#-110#

FSIP: 330#

FHP: 1737#

BHT: 108 degrees

DST #1 3281'-3345' (Lansing "B", "D", "F")

OP 30"-45"-60"-45"

1st open: WB built to 5"

1st shut in: No blow back

2nd open: WB built to 6"

2nd shut in: No blow back

REC: 50' MUD (no shows)

IHP: 1610#

IFP: 18#-27#

ISIP: 245#

FFP: 30#-45#

FSIP: 205#

FHP: 1590#

BHT: 100 degrees

DST #4 3592'-3602' (Arbuckle)

OP 30"-45"-30"-60"

1st open: BOB in 1 minutes, no GTS

1st shut in: No blow back

2nd open: BOB in 1 minutes, GTS in 3 minutes, TSTM

2nd shut in: 2" blow back

REC: 196' CL GSY OIL (44 gravity)

117' GOCM (25% gas, 20% oil, 55% mud)

62' GOCM (15% gas, 15% oil, 70% mud)

IHP: 1891#

IFP: 223#-173#

ISIP: 1092#

FFP: 76#-130#

FSIP: 1096# (2.35% drop)

FHP: 1699#

BHT: 107 degrees

Daily Log

01/22/13 MIRU and spud well. Drilled ahead to 310'. Talled 7 jts. of new 23# 8 5/8" casing @ 298.5'.
Set casing @ 309.5' KB & cemented w/ 300 sxs (3% cc, 2% gel).

01/23/13 WOC @ 7:00 a.m. Under surface @ 1:45 p.m.

01/24/13 Drilling ahead @

01/25/13 Drilling ahead @

01/26/13 Drilling ahead @ 3295'. CFS @ 3305', 3320', 3345'. Short trip @ 3345', dropped survey
(1degree), strapped pipe (.69' short to board), and ran DST #1 (3281'-3345').

Comments

Due to the negative results and lack of calculated commercial hydrocarbons recovered on DST #1, #2, #3, #4 (too malfunction), and #5, it was decided by all parties involved to plug this well as non-commercial.

Respectfully submitted,

Jeffrey A. Burk, Consulting Petroleum Geologist
 PETERRA Energy Services

ROCK TYPES

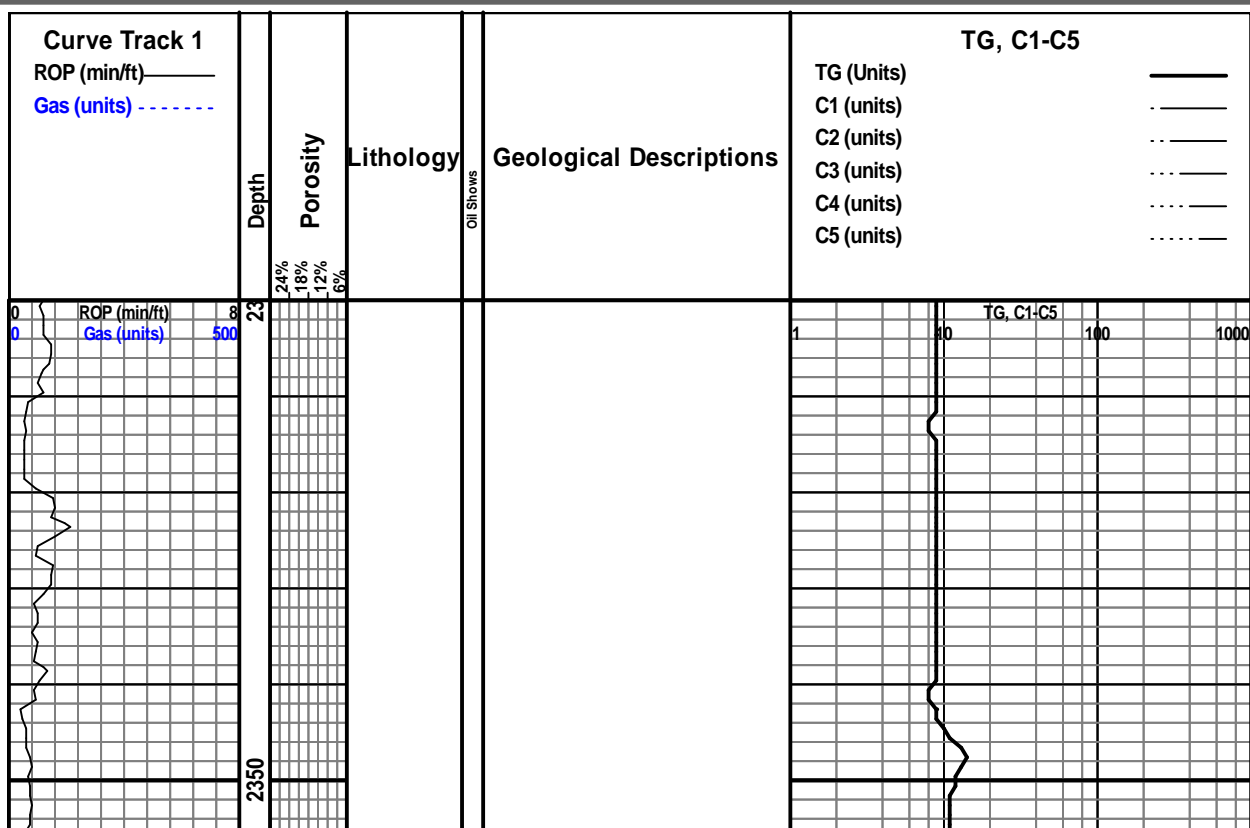
Anhy	Coal	Lmst	Shcol
Bent	Congl	Meta	Shgy
Brec	Dol	Mrlst	Sltst
Cht	Gyp	Salt	Ss
Clyst	Igne	Shale	Till

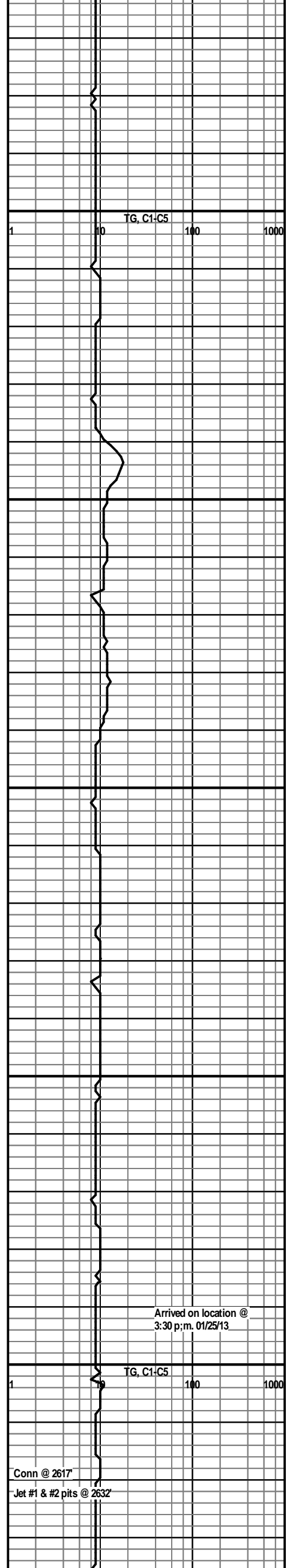
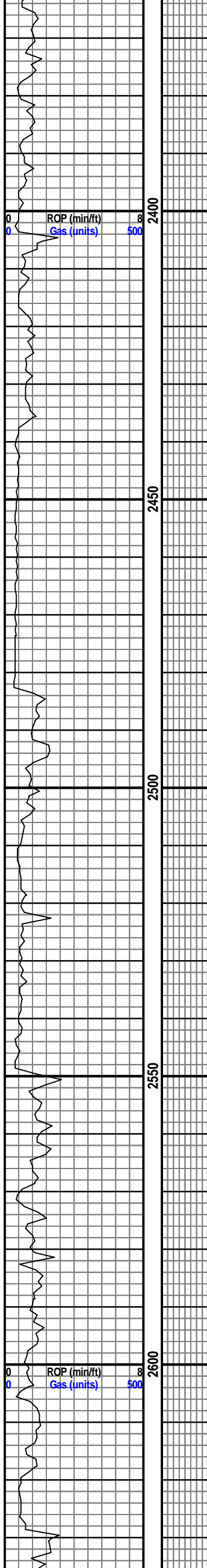
ACCESSORIES

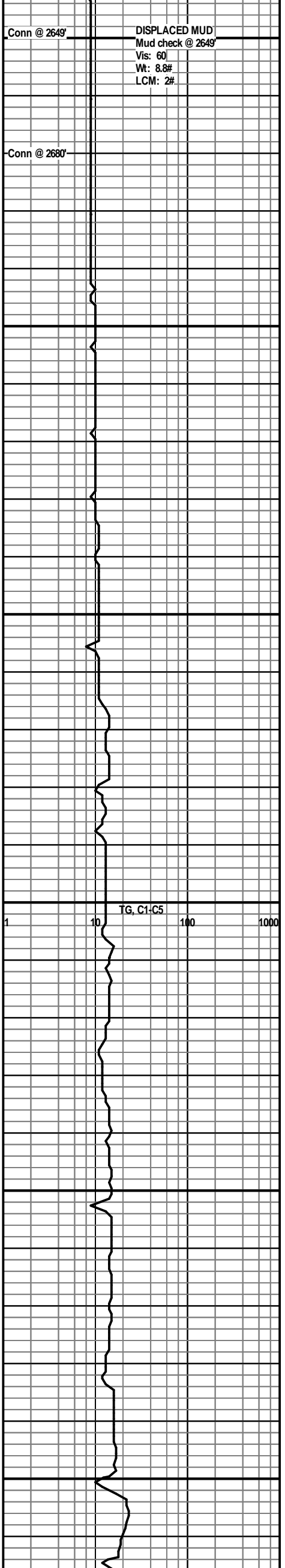
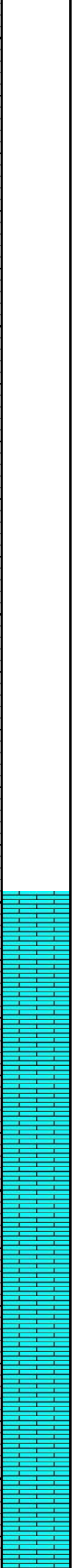
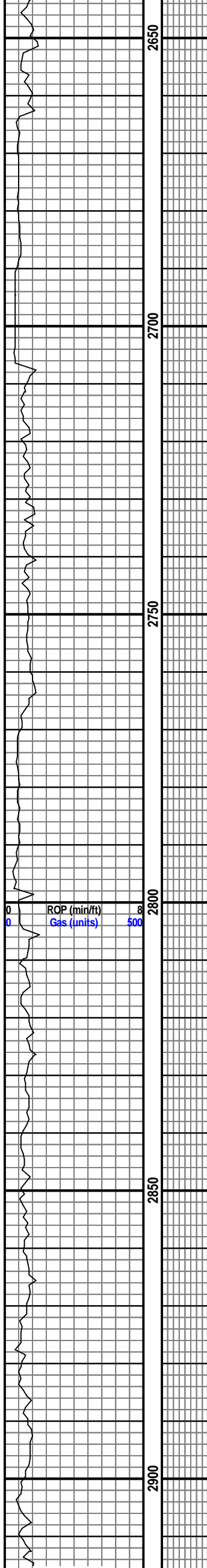
MINERAL	Minxl	Crin	Gyp
Anhy	Nodule	Echin	Ls
Arggrn	Phos	Fish	Mrst
Arg	Pyr	Foram	Sltstrg
Bent	Salt	Fossil	Ssstrg
Bit	Sandy	Gastro	
Brecfrag	Silt	Oolite	TEXTURE
Calc	Sil	Ostra	Boundst
Carb	Sulphur	Pelec	Chalky
Chtdk	Tuff	Pellet	Cryxln
Chtlt	FOSSIL	Pisolite	Earthy
Dol	Algae	Plant	Finexln
Feldspar	Amph	Strom	Grainst
Ferrpel	Belm	STRINGER	Lithogr
Ferr	Bioclst	Anhy	Microxln
Glau	Brach	Arg	Mudst
Gyp	Bryozoa	Bent	Packst
Hvymn	Cephal	Coal	Wackst
Kaol	Coral	Dol	
Marl			

OTHER SYMBOLS

POROSITY	SORTING	Angular	INTERVAL
Earthy	Well	OIL SHOW	Core
Fenest	Moderate	Even	Dst
Fracture	Poor	Spotted	EVENT
Inter	ROUNDING	Ques	Rft
Moldic	Rounded	Dead	Sidewall
Organic	Subrnd		
Pinpoint	Subang		
Vuggy			





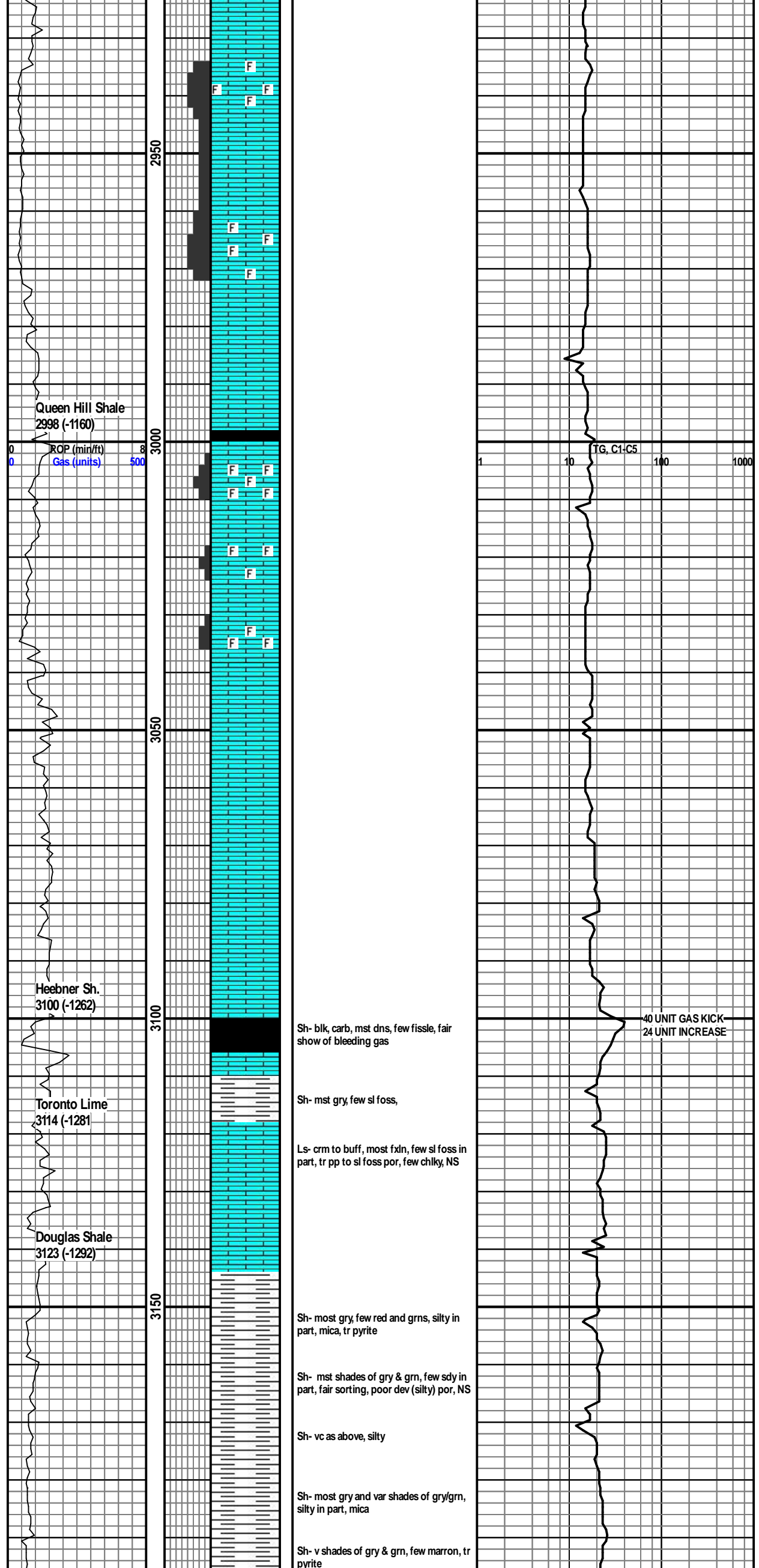


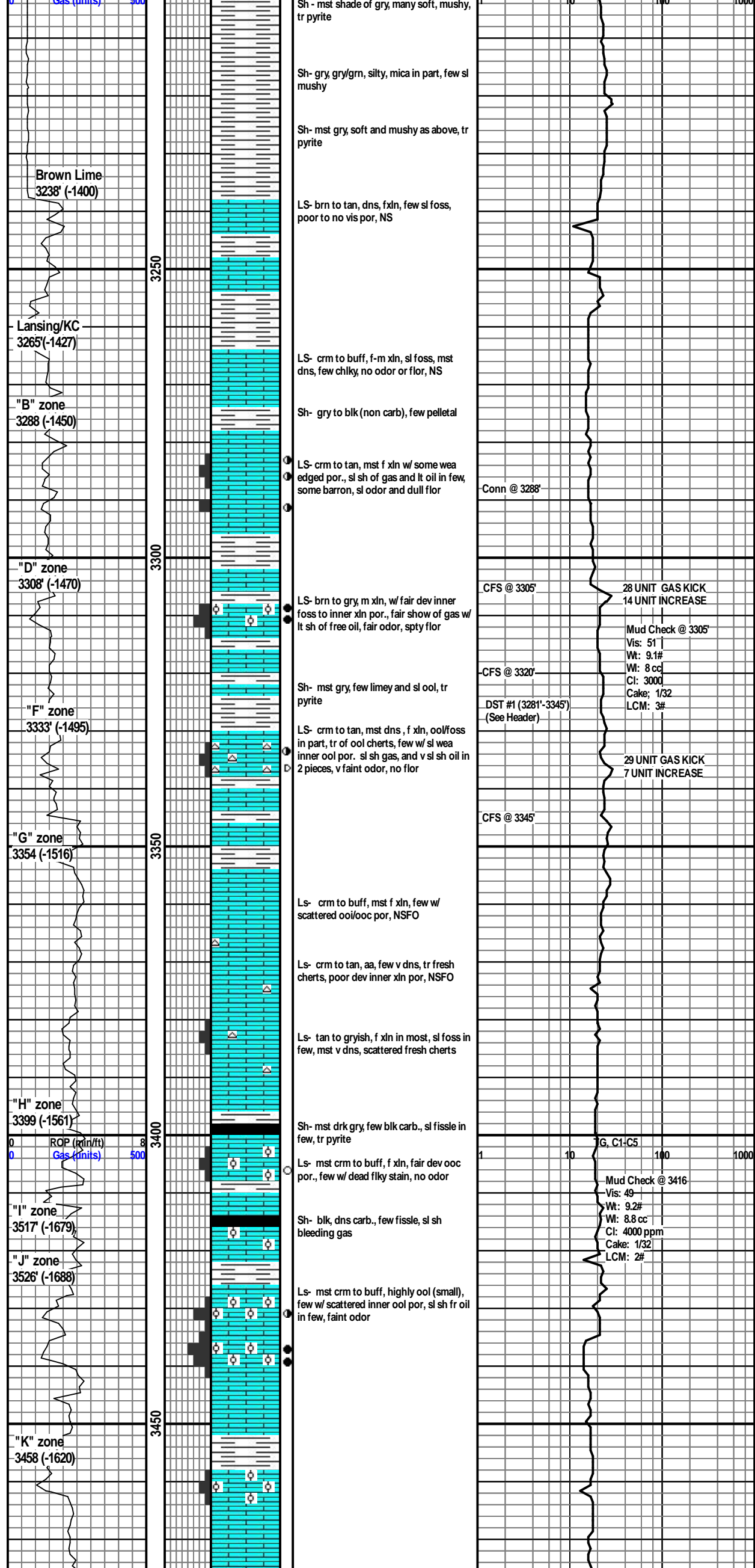
Conn @ 2649'

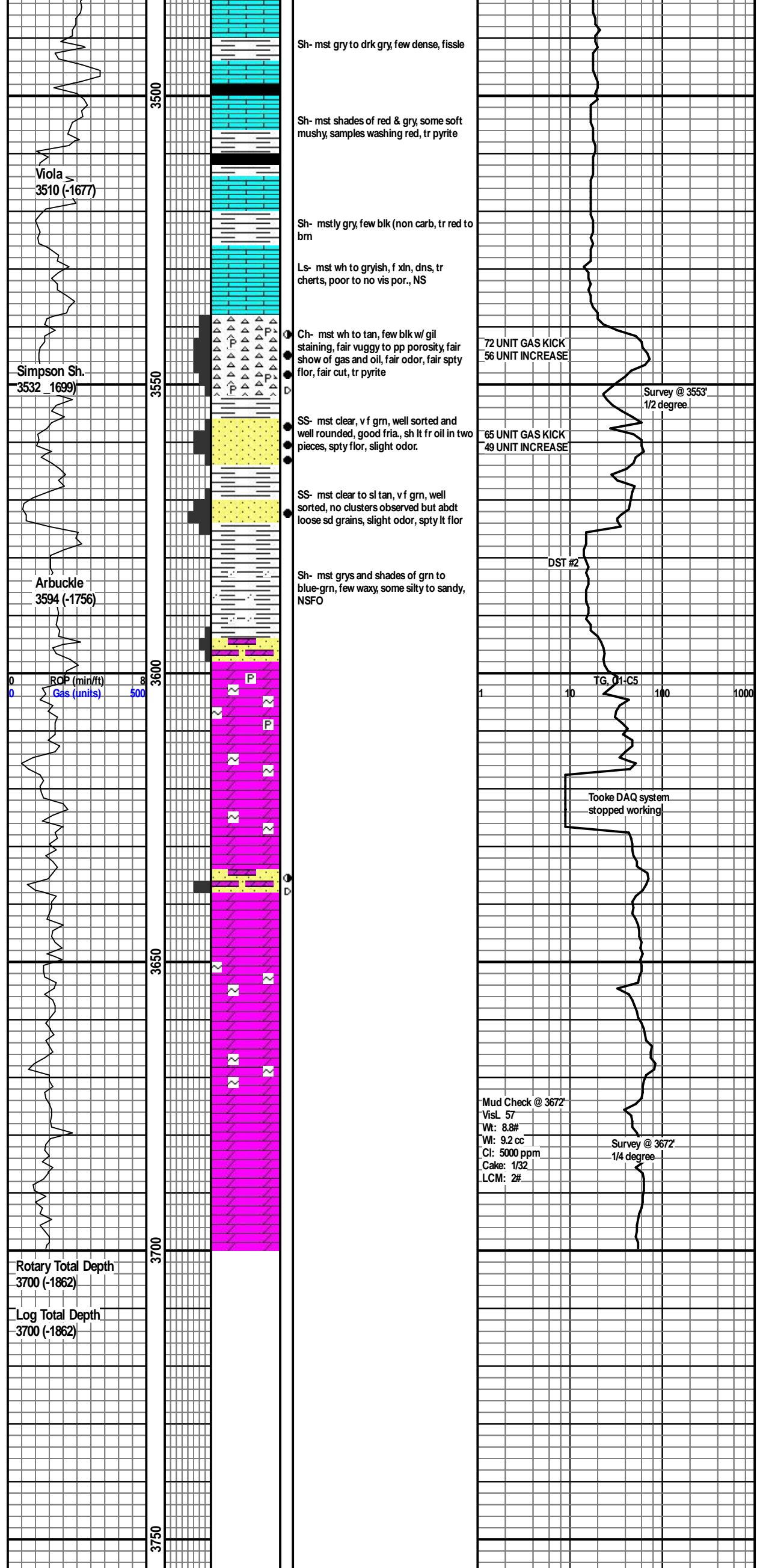
DISPLACED MUD
Mud check @ 2649'
Vis: 60
Wt: 8.8#
LCM: 2#

Conn @ 2680'

TG, C1-C5







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 15, 2013

Nick Hutchinson
Hutchinson, William S. dba Hutchinson Oil Co.
PO BOX 521
DERBY, KS 67037-0521

Re: ACO1
API 15-185-23786-00-00
V&V 1
NE/4 Sec.20-22S-11W
Stafford 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,
Nick Hutchinson
316-990-8174
nh118@att.net