KOLAR Document ID: 1373270

Confidentiality Requested:
☑ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
January 2018
Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 5088
Name: Darrah, John Jay, Jr.
Address 1: P.O. BOX 2786
Address 2:
City: WICHITA State: KS Zip: 67201 + 2786
Contact Person: Will Darrah
Phone: (316) 219-3390
CONTRACTOR: License # 33905
Name: Royal Drilling Inc
Wellsite Geologist: Seth Evenson
Purchaser:

Designate Type of Completion:
☑ New Well ☐ Re-Entry ☐ Workover
☐ Oil ☐ WSW ☐ SWD
☐ Gas ☑ DH ☐ EOR
☐ OG ☐ GSW
☐ 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 EOR ☐ Conv. to SWD
☐ Plug Back ☐ Liner ☐ Conv. to GSW ☐ Conv. to Producer

☐ Commingled Permit #:
☐ Dual Completion Permit #:
☐ SWD Permit #:
☐ EOR Permit #:
☐ GSW Permit #:

9/13/2017	9/20/2017	9/21/2017
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No.: 15-009-26180-00-00
Spot Description:
SE - SW - SW - NW Sec. 32 Twp. 20 S. R. 13 ☐ East ☑ West
2697 Feet from ☐ North / ☑ South Line of Section
585 Feet from ☐ East / ☑ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☐ SE ☑ SW
GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Barton
Lease Name: GAUNT-WRIGHT UNIT Well #: 1-32
Field Name: Hiss Southeast
Producing Formation: NA Dry
Elevation: Ground: 1900 Kelly Bushing: 1906
Total Vertical Depth: 3573 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 334 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: 5000 ppm Fluid volume: 450 bbls
Dewatering method used: Evaporated
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: 12/14/2017
☑ **Confidential Release Date:** 12/14/2019
☑ **Wireline Log Received** ☑ **Drill Stem Tests Received**
☑ **Geologist Report / Mud Logs Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** Karen Ritter **Date:** 12/15/2017

Operator Name: Darrah, John Jay, Jr. Lease Name: GAUNT-WRIGHT UNIT Well #: 1-32

Sec. 32 Twp. 20 S. R. 13 ☐ East ☑ West County: Barton

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 *(Attach Additional Sheets)*	☑ Yes	☐ No
Samples Sent to Geological Survey	☑ Yes	☐ No
Cores Taken	☐ Yes	☑ No
Electric Log Run	☑ Yes	☐ No
Geologist Report / Mud Logs	☑ Yes	☐ No

List All E. Logs Run:

Dual Comp Porosity
Dual Induction
Micro Resistivity

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Anhydrite	791	+1115
Oread	3065	-1159
Heebner	3159	-1253
Toronto	3196	-1290
Lansing	3286	-1380
Base KC	3499	-1593
Arbuckle	3534	-1628

CASING RECORD ☑ New ☐ 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
Surface	12.25	8.625	20	334	Class G	250	3% CaCl, 2% Gel

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
☐ Perforate ☐ Protect Casing ☐ Plug Back TD ☐ Plug Off Zone	-			
	-			

1. Did you perform a hydraulic fracturing treatment on this well? ☐ Yes ☑ No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☐ No *(If No, skip question 3)*
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)*

Date of first Production/Injection or Resumed Production/ Injection:	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:	METHOD OF COMPLETION:	PRODUCTION INTERVAL:
☐ Vented ☐ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*	☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*	Top / Bottom

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record *(Amount and Kind of Material Used)*

TUBING RECORD: Size: Set At: Packer At:

Mail to: KCC - Conservation Division, 266 N. Main, Suite 220, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Darrah, John Jay, Jr.
Well Name	GAUNT-WRIGHT UNIT 1-32
Doc ID	1373270

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	20	334	Class G	250	3% CaCl, 2% Gel

DRILL STEM TEST REPORT

Darrah, John Jay Jr

PO Box 2786
Wichita, Kansas
67201+2786
ATTN: Seth Evenson

32/20S/13W/Barton

Gaunt-Wright # 1-32

Job Ticket: 62642 **DST#: 1**

Test Start: 2017.09.18 @ 14:32:00

GENERAL INFORMATION:

Formation: **Lansing/Kansas City**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 15:53:32
Time Test Ended: 19:30:17

Test Type: Conventional Bottom Hole (Initial)
Tester: Ken Swinney
Unit No: 72 Great Bend/18

Interval: 3401.00 ft (KB) To 3510.00 ft (KB) (TVD)
Total Depth: 3510.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Fair

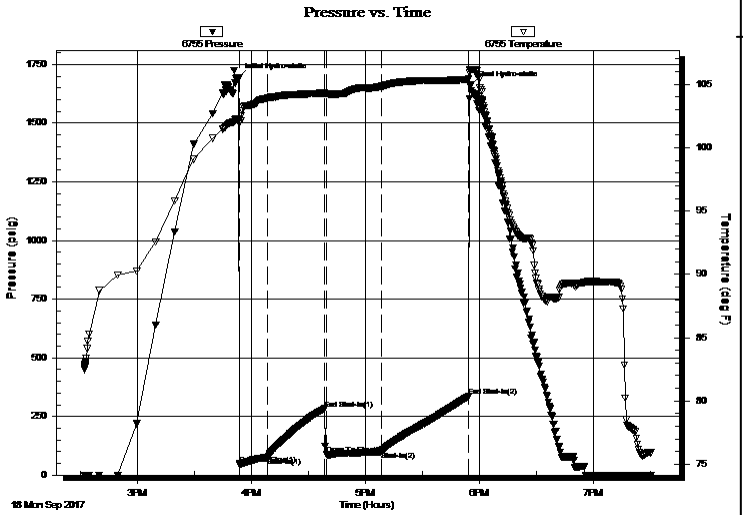
Reference Elevations: 1907.00 ft (KB)
1900.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 6755 **Inside**

Press@RunDepth: 101.88 psig @ 3402.00 ft (KB)
Start Date: 2017.09.18 End Date: 2017.09.18
Start Time: 14:32:01 End Time: 19:30:17

Capacity: psig
Last Calib.: 2017.09.18
Time On Btm: 2017.09.18 @ 15:53:17
Time Off Btm: 2017.09.18 @ 17:55:02

TEST COMMENT:
I.F. 15 Minutes/ Blow built to BOB in 4 1/2 minutes
I.S.I. 30 Minutes/ Blow back built to 5 inches
F.F. 30 Minutes/ Blow built to BOB in 1 minute
F.S.I. 45 Minutes/ Blow back built to 9 inches



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1691.71	102.31	Initial Hydro-static
1	47.86	101.89	Open To Flow (1)
15	76.19	103.92	Shut-In(1)
45	282.48	104.31	End Shut-In(1)
46	88.61	104.27	Open To Flow (2)
76	101.88	104.85	Shut-In(2)
121	334.64	105.42	End Shut-In(2)
122	1661.19	106.12	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Emulsified Oil & Mud	0.42
0.00	Oil 10% Mud 90%	0.00
62.00	Gassy Emulsified Oil & Mud	0.87
0.00	Oil 20% Gas 40% Mud 40%	0.00
62.00	Muddy Gassy Oil	0.87
0.00	Mud 25% Gas 30% Oil 45%	0.00

Gas Rates

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

DRILL STEM TEST REPORT

Darrah, John Jay Jr

PO Box 2786
Wichita, Kansas
67201+2786
ATTN: Seth Evenson

32/20S/13W/Barton

Gaunt-Wright # 1-32

Job Ticket: 62642 **DST#: 1**

Test Start: 2017.09.18 @ 14:32:00

GENERAL INFORMATION:

Formation: **Lansing/Kansas City**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 15:53:32
Time Test Ended: 19:30:17

Test Type: Conventional Bottom Hole (Initial)
Tester: Ken Swinney
Unit No: 72 Great Bend/18

Interval: 3401.00 ft (KB) To 3510.00 ft (KB) (TVD)
Total Depth: 3510.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Fair

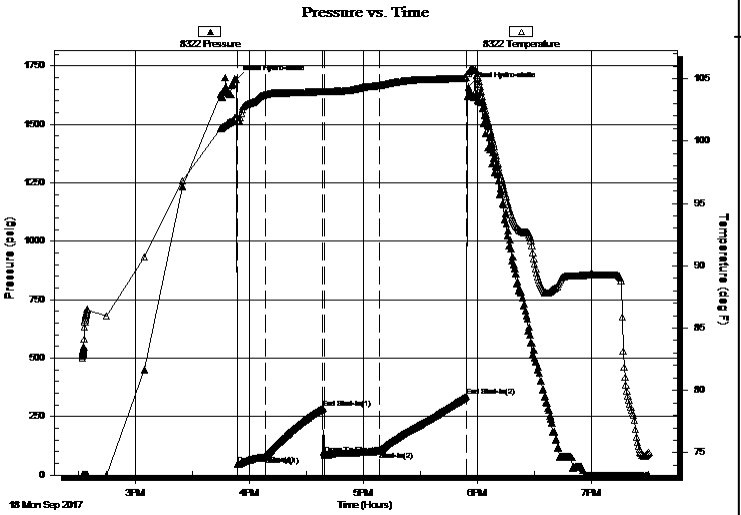
Reference Elevations: 1907.00 ft (KB)
1900.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 8322 **Outside**

Press@RunDepth: 336.44 psig @ 3403.00 ft (KB)
Start Date: 2017.09.18 End Date: 2017.09.18
Start Time: 14:32:01 End Time: 19:30:17

Capacity: psig
Last Calib.: 2017.09.18
Time On Btm: 2017.09.18 @ 15:53:02
Time Off Btm: 2017.09.18 @ 17:55:02

TEST COMMENT: I.F. 15 Minutes/ Blow built to BOB in 4 1/2 minutes
I.S.I. 30 Minutes/ Blow back built to 5 inches
F.F. 30 Minutes/ Blow built to BOB in 1 minute
F.S.I. 45 Minutes/ Blow back built to 9 inches



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1691.90	101.90	Initial Hydro-static
1	47.16	101.63	Open To Flow (1)
16	79.44	103.73	Shut-In(1)
46	286.12	103.97	End Shut-In(1)
47	87.96	103.97	Open To Flow (2)
76	102.38	104.46	Shut-In(2)
121	336.44	105.06	End Shut-In(2)
122	1660.16	105.44	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Emulsified Oil & Mud	0.42
0.00	Oil 10% Mud 90%	0.00
62.00	Gassy Emulsified Oil & Mud	0.87
0.00	Oil 20% Gas 40% Mud 40%	0.00
62.00	Muddy Gassy Oil	0.87
0.00	Mud 25% Gas 30% Oil 45%	0.00

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Darrah, John Jay Jr

PO Box 2786
Wichita, Kansas
67201+2786

ATTN: Seth Evenson

32/20S/13W/Barton

Gaunt-Wright # 1-32

Job Ticket: 62642 **DST#: 1**

Test Start: 2017.09.18 @ 14:32:00

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:	48.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	Emulsified Oil & Mud	0.421
0.00	Oil 10% Mud 90%	0.000
62.00	Gassy Emulsified Oil & Mud	0.870
0.00	Oil 20% Gas 40% Mud 40%	0.000
62.00	Muddy Gassy Oil	0.870
0.00	Mud 25% Gas 30% Oil 45%	0.000
62.00	Emulsified Oily Gassy Mud	0.870
0.00	Oil 20% Gas 30% Mud 50%	0.000
0.00	1209 feet of gas in pipe	0.000

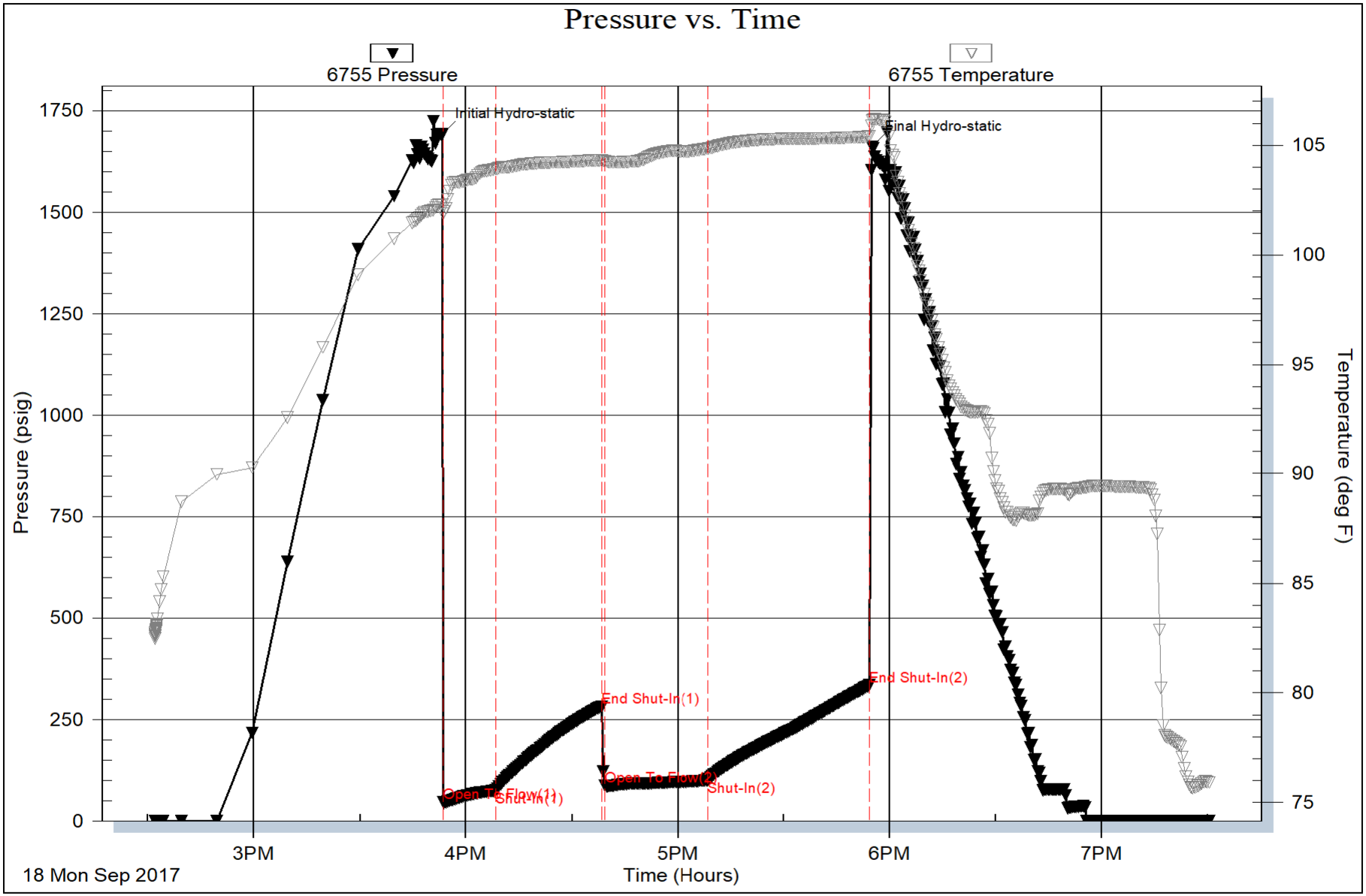
Total Length: 216.00 ft Total Volume: 3.031 bbl

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

Laboratory Name: Laboratory Location:

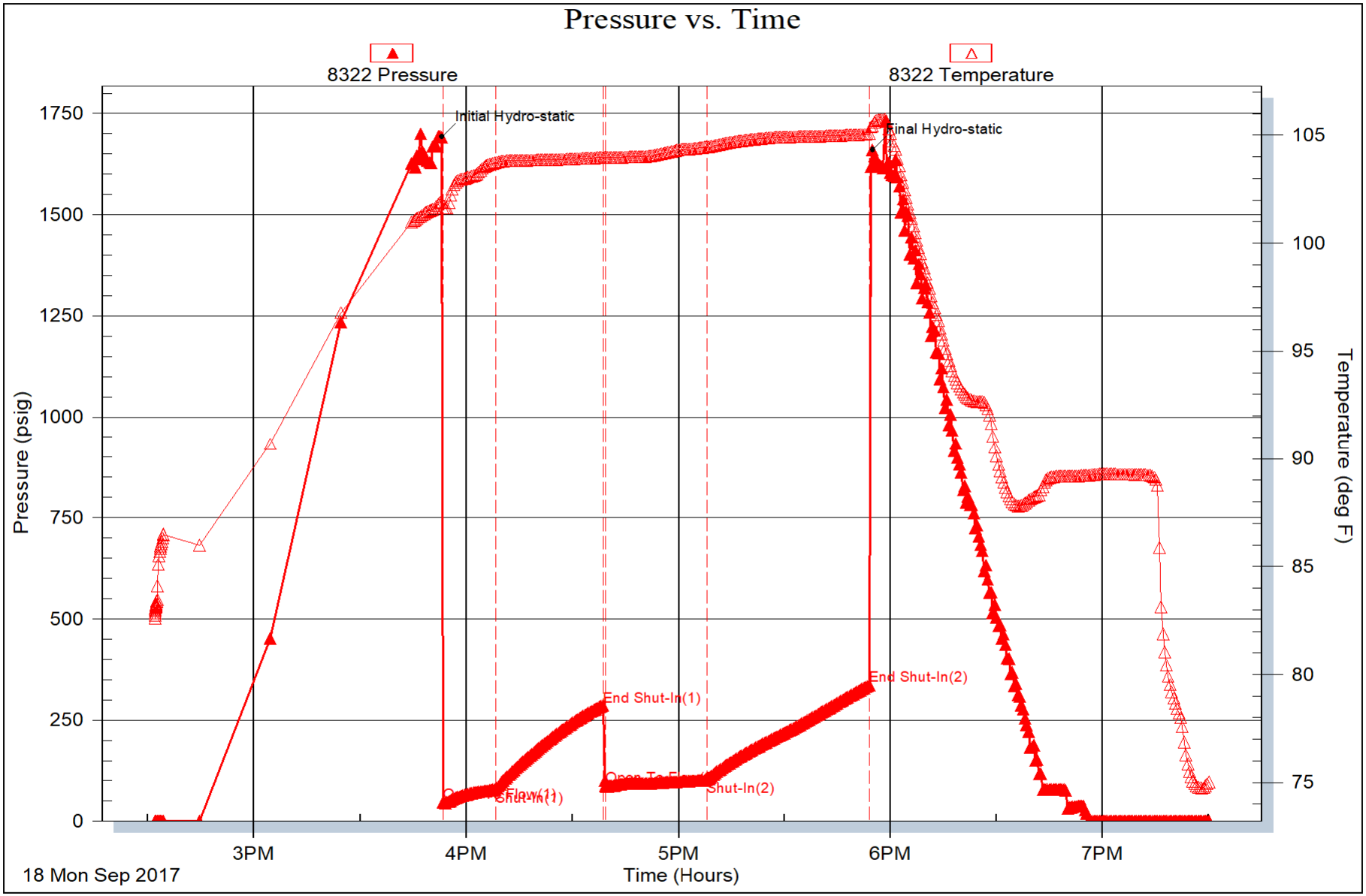
Recovery Comments:

Serial #: 6755 **Inside** Darrah, John Jay Jr Gaunt-Wright # 1-32 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 62642 Printed: 2017.09.18 @ 20:33:01

Serial #: 8322 **Outside** Darrah, John Jay Jr Gaunt-Wright # 1-32 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 62642 Printed: 2017.09.18 @ 20:33:01

DRILL STEM TEST REPORT

Darrah, John Jay Jr

PO Box 2786
Wichita, Kansas
67201+2786
ATTN: Seth Evenson

32/20S/13W/Barton

Gaunt-Wright # 1-32

Job Ticket: 62643 **DST#: 2**

Test Start: 2017.09.19 @ 06:33:00

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 08:01:17
Time Test Ended: 11:21:17

Test Type: Conventional Bottom Hole (Initial)
Tester: Ken Swinney
Unit No: 72 Great Bend/ 18

Interval: 3501.00 ft (KB) To 3540.00 ft (KB) (TVD)
Total Depth: 3540.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Fair

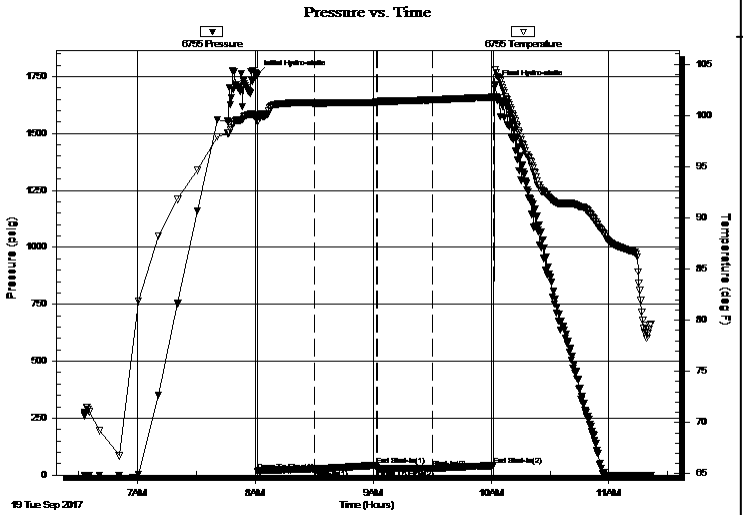
Reference Elevations: 1907.00 ft (KB)
1900.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 6755 **Inside**

Press@RunDepth: 29.56 psig @ 3502.00 ft (KB)
Start Date: 2017.09.19 End Date: 2017.09.19
Start Time: 06:33:01 End Time: 11:21:17

Capacity: psig
Last Calib.: 2017.09.19
Time On Btm: 2017.09.19 @ 08:01:02
Time Off Btm: 2017.09.19 @ 10:02:17

TEST COMMENT: I.F. 30 Mintues/ Blow built to 9 inches then died to 4 inches
I.S.I. 30 Minutes/ No blow back
F.F. 30 Minutes/ Blow built to 3 1/2 inches
F.S.I. 30 Minutes/ No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1756.05	99.73	Initial Hydro-static
1	17.10	99.38	Open To Flow (1)
29	27.24	101.22	Shut-In(1)
61	43.01	101.30	End Shut-In(1)
61	25.68	101.32	Open To Flow (2)
89	29.56	101.52	Shut-In(2)
121	42.37	101.81	End Shut-In(2)
122	1715.62	104.49	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	Oily Gassy Mud/ Oil30%/ Gas 30%/ Mud 4	0.63
0.00	139 feet of GIP	0.00

Gas Rates

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

DRILL STEM TEST REPORT

Darrah, John Jay Jr

PO Box 2786
Wichita, Kansas
67201+2786
ATTN: Seth Evenson

32/20S/13W/Barton

Gaunt-Wright # 1-32

Job Ticket: 62643 **DST#: 2**

Test Start: 2017.09.19 @ 06:33:00

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 08:01:17
Time Test Ended: 11:21:17

Test Type: Conventional Bottom Hole (Initial)
Tester: Ken Swinney
Unit No: 72 Great Bend/ 18

Interval: 3501.00 ft (KB) To 3540.00 ft (KB) (TVD)
Total Depth: 3540.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Fair

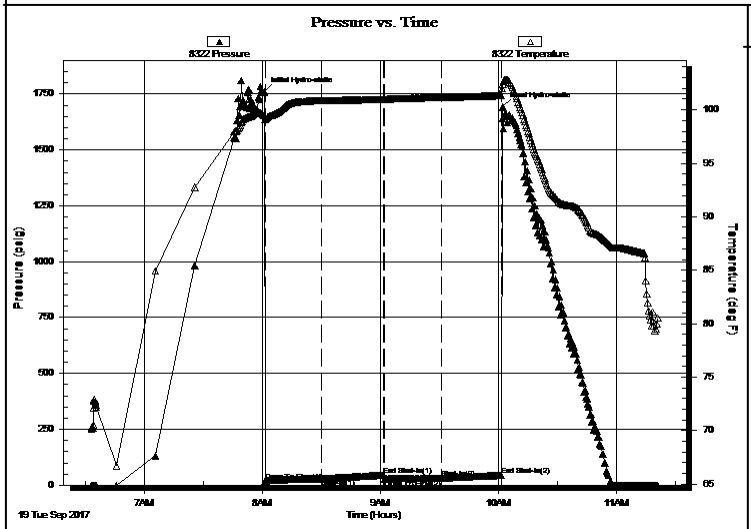
Reference Elevations: 1907.00 ft (KB)
1900.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 8322 **Outside**

Press@RunDepth: 43.97 psig @ 3503.00 ft (KB)
Start Date: 2017.09.19 End Date: 2017.09.19
Start Time: 06:33:01 End Time: 11:21:17

Capacity: psig
Last Calib.: 2017.09.19
Time On Btm: 2017.09.19 @ 08:01:02
Time Off Btm: 2017.09.19 @ 10:02:17

TEST COMMENT: I.F. 30 Mintues/ Blow built to 9 inches then died to 4 inches
I.S.I. 30 Minutes/ No blow back
F.F. 30 Minutes/ Blow built to 3 1/2 inches
F.S.I. 30 Minutes/ No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1759.55	99.43	Initial Hydro-static
1	18.51	99.08	Open To Flow (1)
29	28.54	100.86	Shut-In(1)
61	44.59	100.96	End Shut-In(1)
61	26.67	100.96	Open To Flow (2)
90	31.27	101.15	Shut-In(2)
121	43.97	101.36	End Shut-In(2)
122	1691.95	102.39	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	Oily Gassy Mud/ Oil30%/ Gas 30%/ Mud 4	0.63
0.00	139 feet of GIP	0.00

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Darrah, John Jay Jr

PO Box 2786
Wichita, Kansas
67201+2786

ATTN: Seth Evenson

32/20S/13W/Barton

Gaunt-Wright # 1-32

Job Ticket: 62643 **DST#: 2**

Test Start: 2017.09.19 @ 06:33:00

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:	47.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	ppm				
Filter Cake:	inches				

Recovery Information

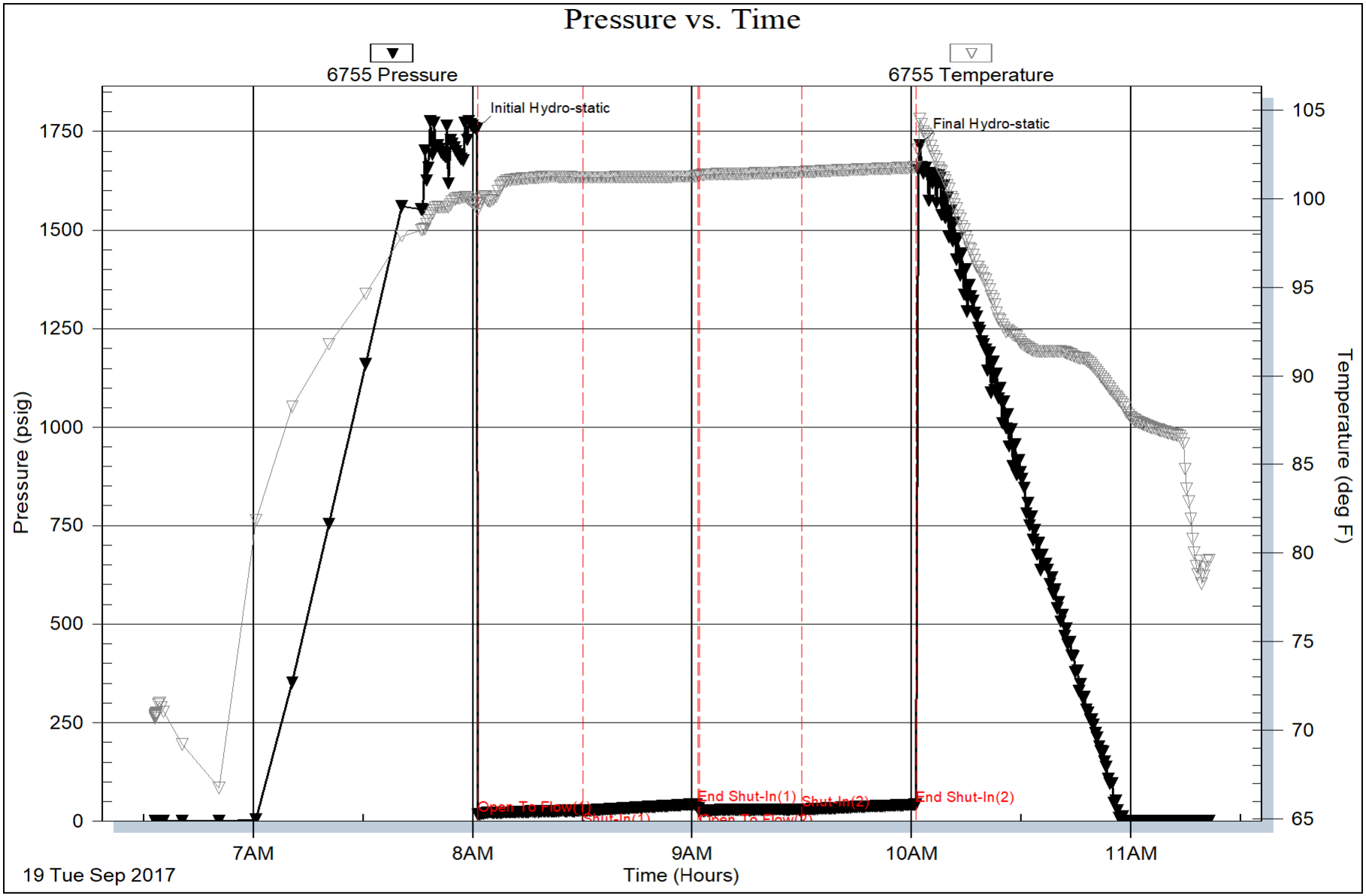
Recovery Table

Length ft	Description	Volume bbl
45.00	Oily Gassy Mud/ Oil30%/ Gas 30%/ Mud 40%	0.631
0.00	139 feet of GIP	0.000

Total Length: 45.00 ft Total Volume: 0.631 bbl

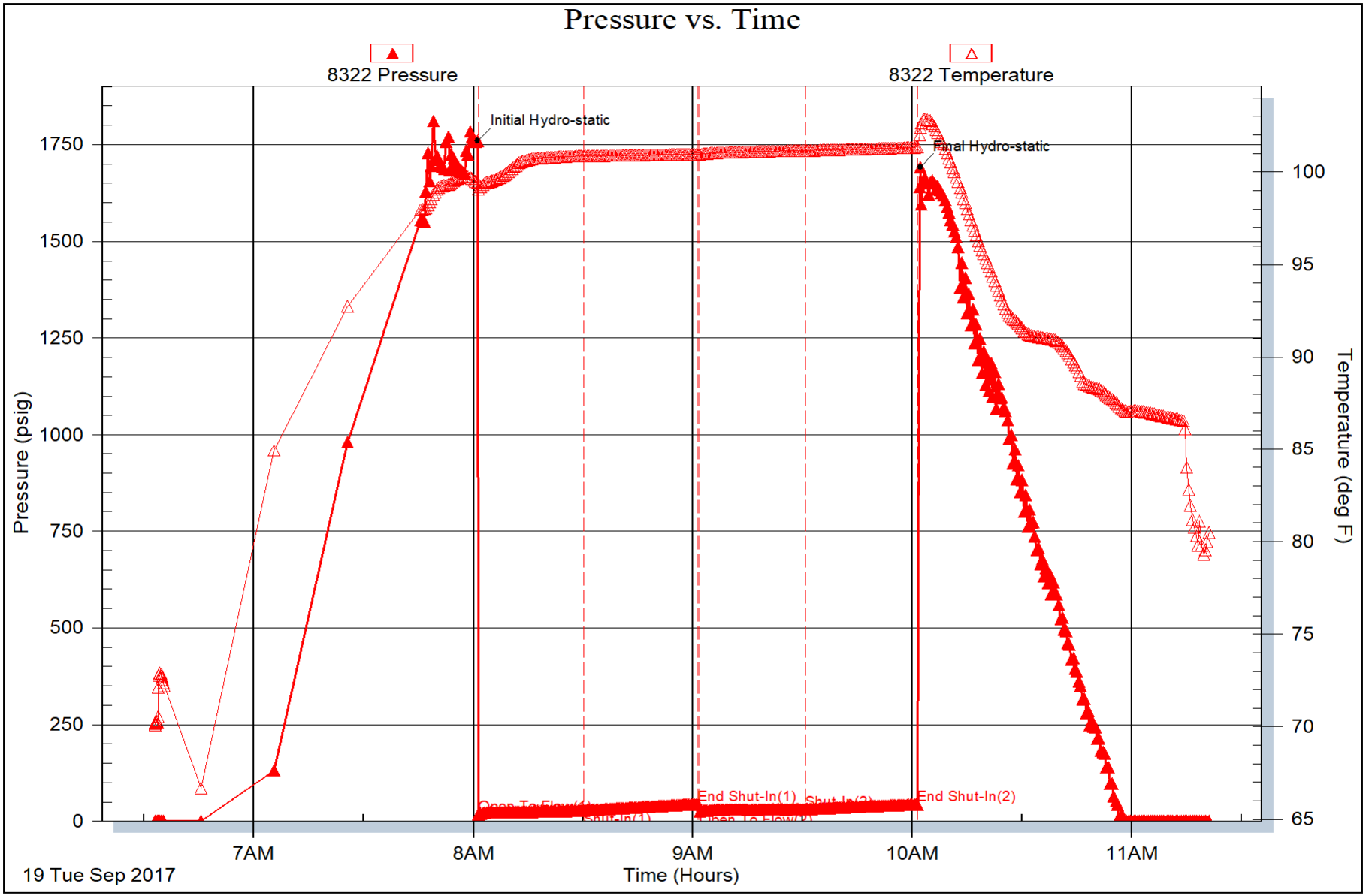
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 6755 **Inside** Darrah, John Jay Jr Gaunt-Wright # 1-32 DST Test Number: 2



Trilobite Testing, Inc Ref. No: 62643 Printed: 2017.09.19 @ 11:39:05

Serial #: 8322 **Outside** Darrah, John Jay Jr Gaunt-Wright # 1-32 DST Test Number: 2



Trilobite Testing, Inc Ref. No: 62643 Printed: 2017.09.19 @ 11:39:05

DRILL STEM TEST REPORT

Darrah, John Jay Jr

PO Box 2786
Wichita, Kansas
67201+2786
ATTN: Seth Evenson

32/20S/13W/Barton

Gaunt-Wright # 1-32

Job Ticket: 62644 **DST#: 3**

Test Start: 2017.09.20 @ 20:46:00

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 22:05:02
Time Test Ended: 02:48:02

Test Type: Conventional Bottom Hole (Initial)
Tester: Ken Swinney
Unit No: 72 Great Bend/ 18

Interval: 3538.00 ft (KB) To 3558.00 ft (KB) (TVD)
Total Depth: 3558.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Fair

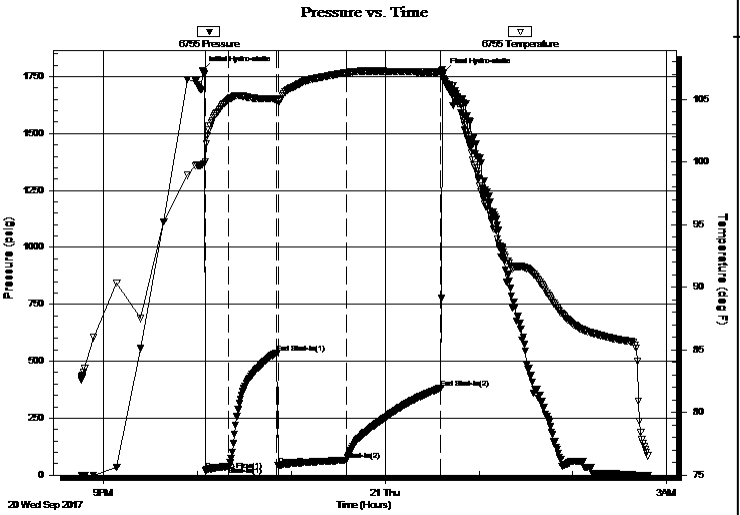
Reference Elevations: 1907.00 ft (KB)
1900.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 6755 **Inside**

Press@RunDepth: 65.91 psig @ 3539.00 ft (KB)
Start Date: 2017.09.20 End Date: 2017.09.21
Start Time: 20:46:01 End Time: 02:48:02

Capacity: psig
Last Calib.: 2017.09.20
Time On Btm: 2017.09.20 @ 22:03:17
Time Off Btm: 2017.09.21 @ 00:37:17

TEST COMMENT:
I.F. 15 Minutes/ Blow built to BOB in 5 mintues
I.S.I. 30 Mintues/ Light surface blow back
F.F. 45 Mintues/ Blow built to BOB in 8 minutes
F.S.I. 60 Minutes/ Blow back built to 1 inch



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1776.81	99.78	Initial Hydro-static
2	20.48	100.03	Open To Flow (1)
17	39.07	104.98	Shut-In(1)
48	536.60	105.00	End Shut-In(1)
49	43.12	104.87	Open To Flow (2)
92	65.91	107.14	Shut-In(2)
153	382.24	107.24	End Shut-In(2)
154	1765.13	106.70	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	Mud cut Gassy Oil/ Mud10% Gas40% Oil	0.87
62.00	Mud cut Oily Gas/ Mud 15% Oil25% Gas	0.87
30.00	Gassy Oil/ Gas 20% Oil 80%	0.42
0.00	713 feet of GIP	0.00

Gas Rates

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

DRILL STEM TEST REPORT

Darrah, John Jay Jr

PO Box 2786
Wichita, Kansas
67201+2786
ATTN: Seth Evenson

32/20S/13W/Barton

Gaunt-Wright # 1-32

Job Ticket: 62644 **DST#: 3**

Test Start: 2017.09.20 @ 20:46:00

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 22:05:02
Time Test Ended: 02:48:02

Test Type: Conventional Bottom Hole (Initial)
Tester: Ken Swinney
Unit No: 72 Great Bend/ 18

Interval: 3538.00 ft (KB) To 3558.00 ft (KB) (TVD)
Total Depth: 3558.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Fair

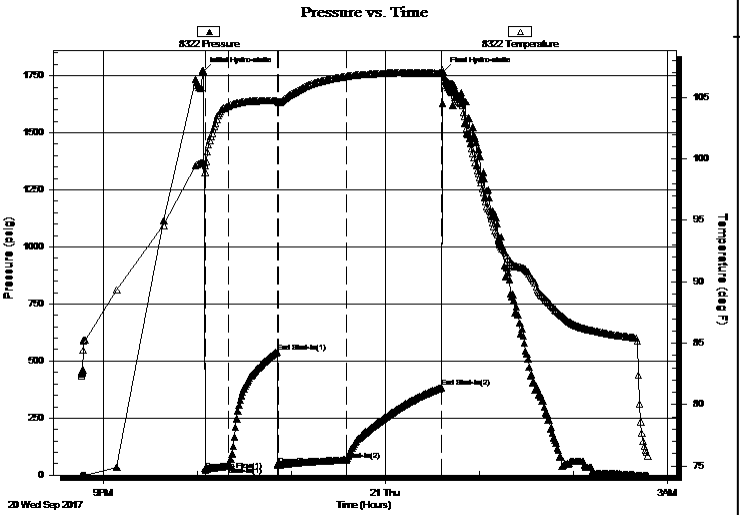
Reference Elevations: 1907.00 ft (KB)
1900.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 8322 **Outside**

Press@RunDepth: 383.60 psig @ 3540.00 ft (KB)
Start Date: 2017.09.20 End Date: 2017.09.21
Start Time: 20:46:01 End Time: 02:48:02

Capacity: psig
Last Calib.: 2017.09.20
Time On Btm: 2017.09.20 @ 22:03:32
Time Off Btm: 2017.09.21 @ 00:37:02

TEST COMMENT:
I.F. 15 Minutes/ Blow built to BOB in 5 mintues
I.S.I. 30 Mintues/ Light surface blow back
F.F. 45 Mintues/ Blow built to BOB in 8 minutes
F.S.I. 60 Minutes/ Blow back built to 1 inch



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1770.11	99.67	Initial Hydro-static
2	22.21	99.45	Open To Flow (1)
17	40.15	104.32	Shut-In(1)
48	538.04	104.71	End Shut-In(1)
48	44.24	104.64	Open To Flow (2)
92	67.11	106.72	Shut-In(2)
152	383.60	107.01	End Shut-In(2)
154	1768.29	107.05	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	Mud cut Gassy Oil/ Mud10% Gas40% Oil	0.87
62.00	Mud cut Oily Gas/ Mud 15% Oil25% Gas	0.87
30.00	Gassy Oil/ Gas 20% Oil 80%	0.42
0.00	713 feet of GIP	0.00

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Darrah, John Jay Jr

PO Box 2786
Wichita, Kansas
67201+2786
ATTN: Seth Evenson

32/20S/13W/Barton

Gaunt-Wright # 1-32

Job Ticket: 62644 **DST#: 3**

Test Start: 2017.09.20 @ 20:46:00

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	39 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	54.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	ppm				
Filter Cake:	inches				

Recovery Information

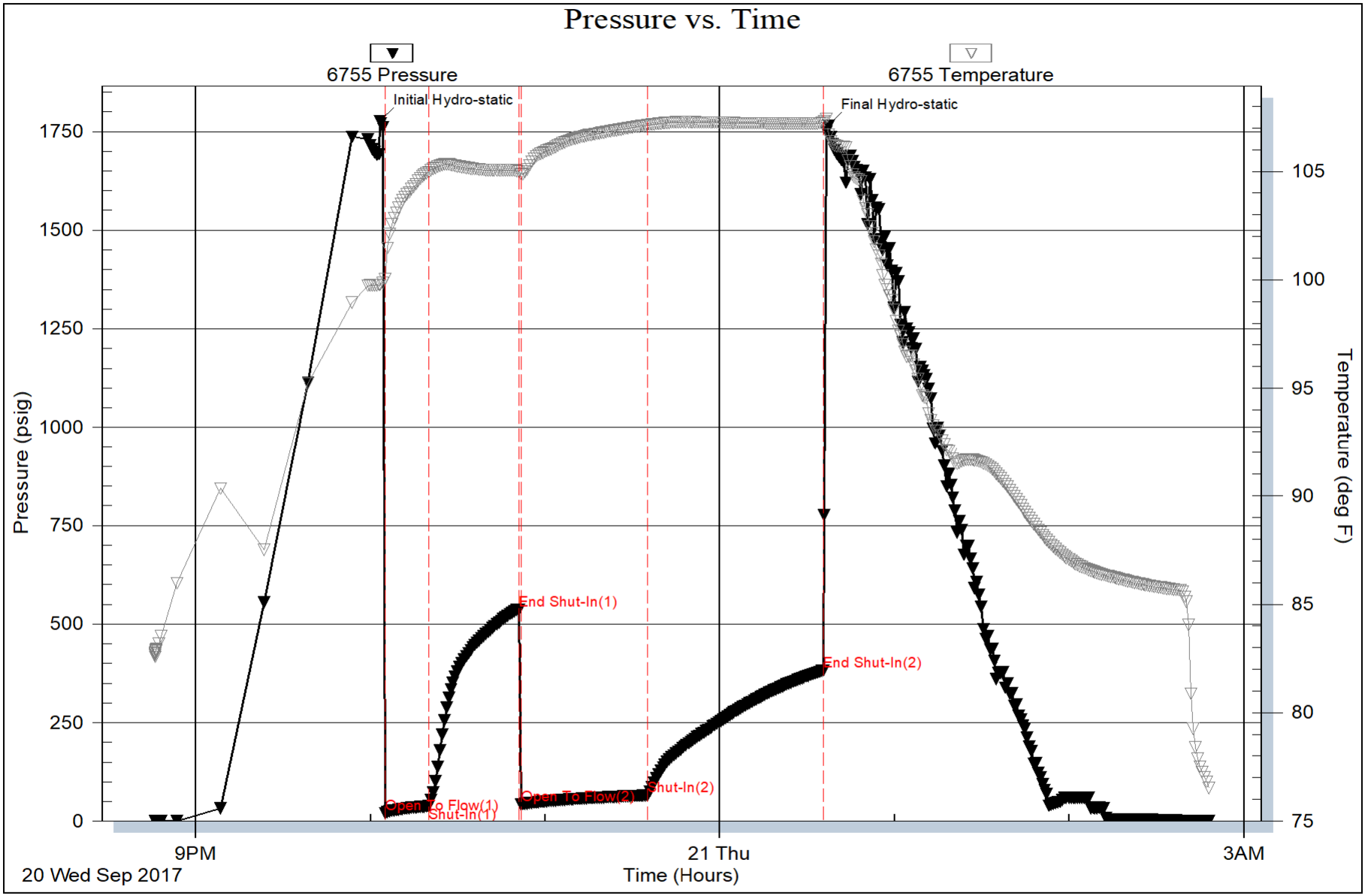
Recovery Table

Length ft	Description	Volume bbl
62.00	Mud cut Gassy Oil/ Mud10% Gas40% Oil50%	0.870
62.00	Mud cut Oily Gas/ Mud 15% Oil25% Gas60%	0.870
30.00	Gassy Oil/ Gas 20% Oil 80%	0.421
0.00	713 feet of GIP	0.000

Total Length: 154.00 ft Total Volume: 2.161 bbl

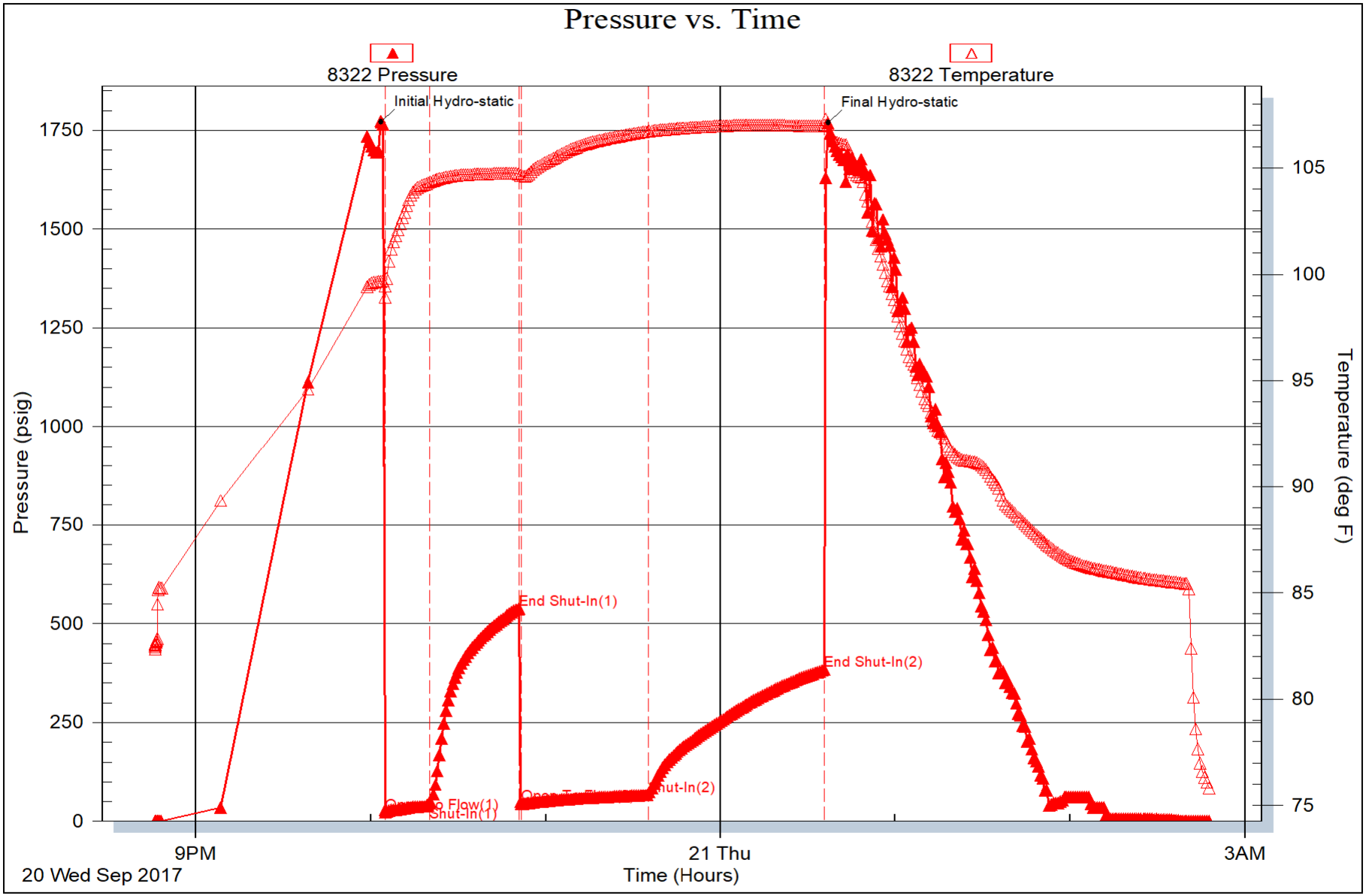
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 6755 **Inside** Darrah, John Jay Jr Gaunt-Wright # 1-32 DST Test Number: 3



Trilobite Testing, Inc Ref. No: 62644 Printed: 2017.09.20 @ 08:06:47

Serial #: 8322 **Outside** Darrah, John Jay Jr Gaunt-Wright # 1-32 DST Test Number: 3



Trilobite Testing, Inc Ref. No: 62644 Printed: 2017.09.20 @ 08:06:47

DRILL STEM TEST REPORT

Darrah, John Jay Jr

PO Box 2786
Wichita, Kansas
67201+2786

ATTN: Seth Evenson

32/20S/13W/Barton

Gaunt-Wright # 1-32

Job Ticket: 62645 **DST#: 4**

Test Start: 2017.09.20 @ 19:39:00

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 20:57:02
Time Test Ended: 00:19:17

Test Type: Conventional Bottom Hole (Initial)
Tester: Ken Swinney
Unit No: 72 Great Bend/18

Interval: 3557.00 ft (KB) To 3579.00 ft (KB) (TVD)
Total Depth: 3579.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Fair

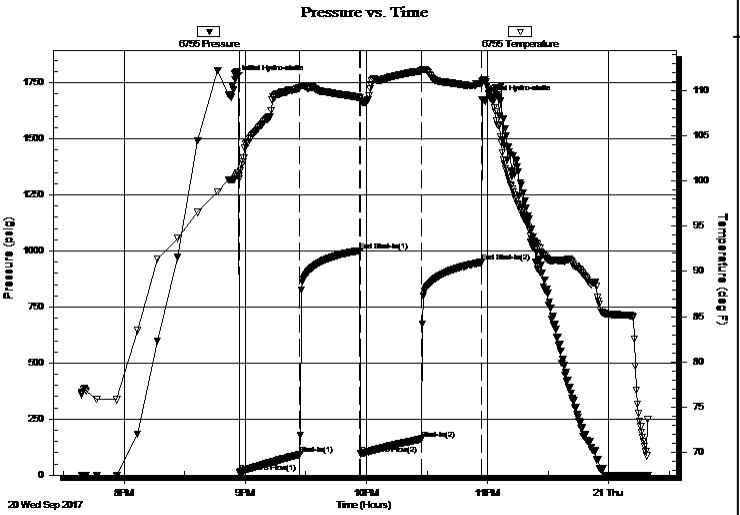
Reference Elevations: 1907.00 ft (KB)
1900.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 6755 **Inside**

Press@RunDepth: 161.91 psig @ 3558.00 ft (KB)
Start Date: 2017.09.20 End Date: 2017.09.21
Start Time: 19:39:01 End Time: 00:19:17

Capacity: psig
Last Calib.: 2017.09.21
Time On Btm: 2017.09.20 @ 20:55:02
Time Off Btm: 2017.09.20 @ 22:57:47

TEST COMMENT:
I.F. 30 Minutes/ Blow built to 2 1/4 inch then died to 1 1/2 inch
I.S.I. 30 Minutes/ No blow back
F.F. 30 Minutes/ Blow built to 2 inch then died to 1 1/2 inch
F.S.I. 30 Minutes/ No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1762.61	100.20	Initial Hydro-static
2	13.01	100.23	Open To Flow (1)
32	92.18	110.30	Shut-In(1)
62	1001.16	109.17	End Shut-In(1)
62	94.69	108.82	Open To Flow (2)
93	161.91	112.17	Shut-In(2)
122	949.00	110.74	End Shut-In(2)
123	1672.90	111.08	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
201.00	Muddy Water w/show of oil	2.82
0.00	Mud 10% Water 90%	0.00
124.00	Oil cut Watery Mud	1.74
0.00	Oil 3% Water 47% Mud 50%	0.00

Gas Rates

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

DRILL STEM TEST REPORT

Darrah, John Jay Jr

PO Box 2786
Wichita, Kansas
67201+2786
ATTN: Seth Evenson

32/20S/13W/Barton

Gaunt-Wright # 1-32

Job Ticket: 62645 **DST#: 4**

Test Start: 2017.09.20 @ 19:39:00

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 20:57:02
Time Test Ended: 00:19:17

Test Type: Conventional Bottom Hole (Initial)
Tester: Ken Swinney
Unit No: 72 Great Bend/18

Interval: 3557.00 ft (KB) To 3579.00 ft (KB) (TVD)
Total Depth: 3579.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Fair

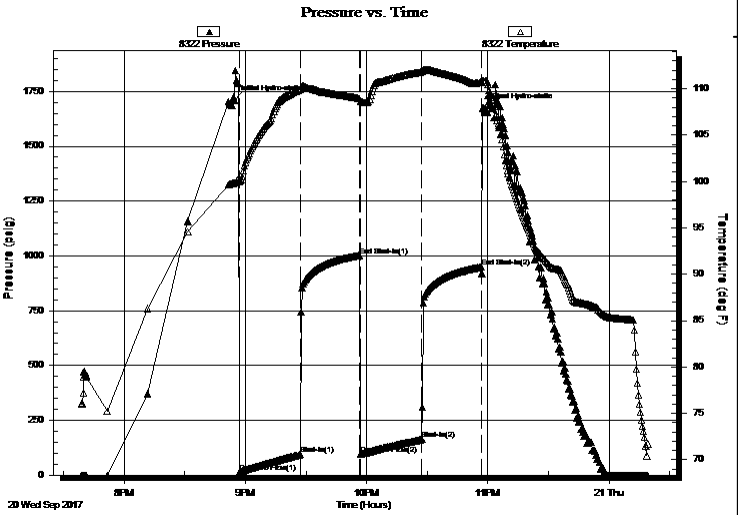
Reference Elevations: 1907.00 ft (KB)
1900.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 8322 **Outside**

Press@RunDepth: 950.34 psig @ 3559.00 ft (KB)
Start Date: 2017.09.20 End Date: 2017.09.21
Start Time: 19:39:01 End Time: 00:19:17

Capacity: psig
Last Calib.: 2017.09.21
Time On Btm: 2017.09.20 @ 20:54:32
Time Off Btm: 2017.09.20 @ 22:58:32

TEST COMMENT:
I.F. 30 Minutes/ Blow built to 2 1/4 inch then died to 1 1/2 inch
I.S.I. 30 Minutes/ No blow back
F.F. 30 Minutes/ Blow built to 2 inch then died to 1 1/2 inch
F.S.I. 30 Minutes/ No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1710.36	99.84	Initial Hydro-static
3	14.92	99.94	Open To Flow (1)
33	93.70	109.97	Shut-In(1)
62	1001.42	108.92	End Shut-In(1)
63	96.00	108.64	Open To Flow (2)
93	163.30	111.83	Shut-In(2)
123	950.34	110.74	End Shut-In(2)
124	1677.24	110.88	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
201.00	Muddy Water w/show of oil	2.82
0.00	Mud 10% Water 90%	0.00
124.00	Oil cut Watery Mud	1.74
0.00	Oil 3% Water 47% Mud 50%	0.00

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Darrah, John Jay Jr

PO Box 2786
Wichita, Kansas
67201+2786

ATTN: Seth Evenson

32/20S/13W/Barton

Gaunt-Wright # 1-32

Job Ticket: 62645 **DST#: 4**

Test Start: 2017.09.20 @ 19:39:00

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	deg API
Mud Weight:	8.00 lb/gal	Cushion Length:	ft	Water Salinity:	23000 ppm
Viscosity:	69.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
201.00	Muddy Water w/show of oil	2.820
0.00	Mud 10% Water 90%	0.000
124.00	Oil cut Watery Mud	1.739
0.00	Oil 3% Water 47% Mud 50%	0.000

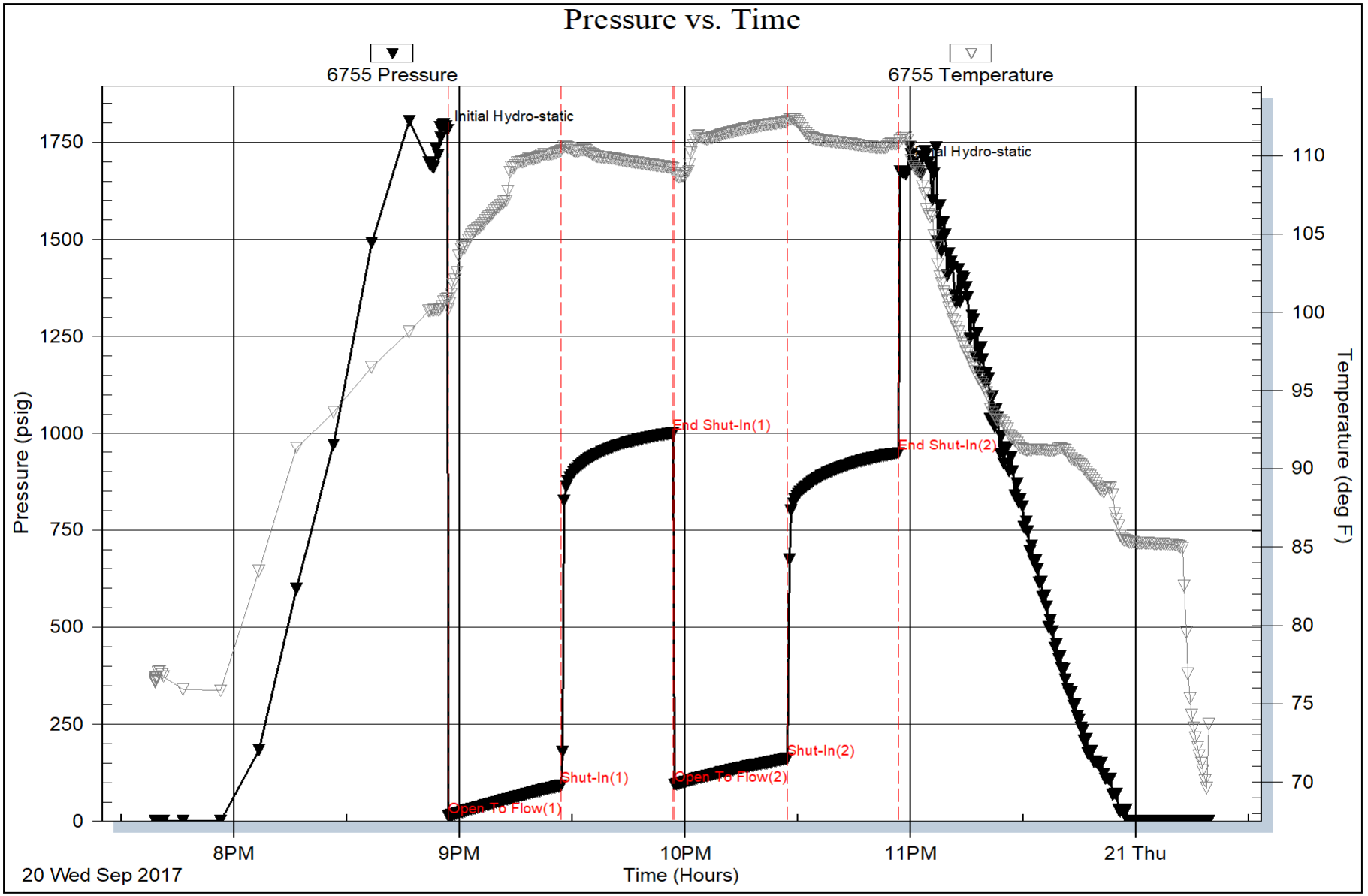
Total Length: 325.00 ft Total Volume: 4.559 bbl

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

Laboratory Name: Laboratory Location:

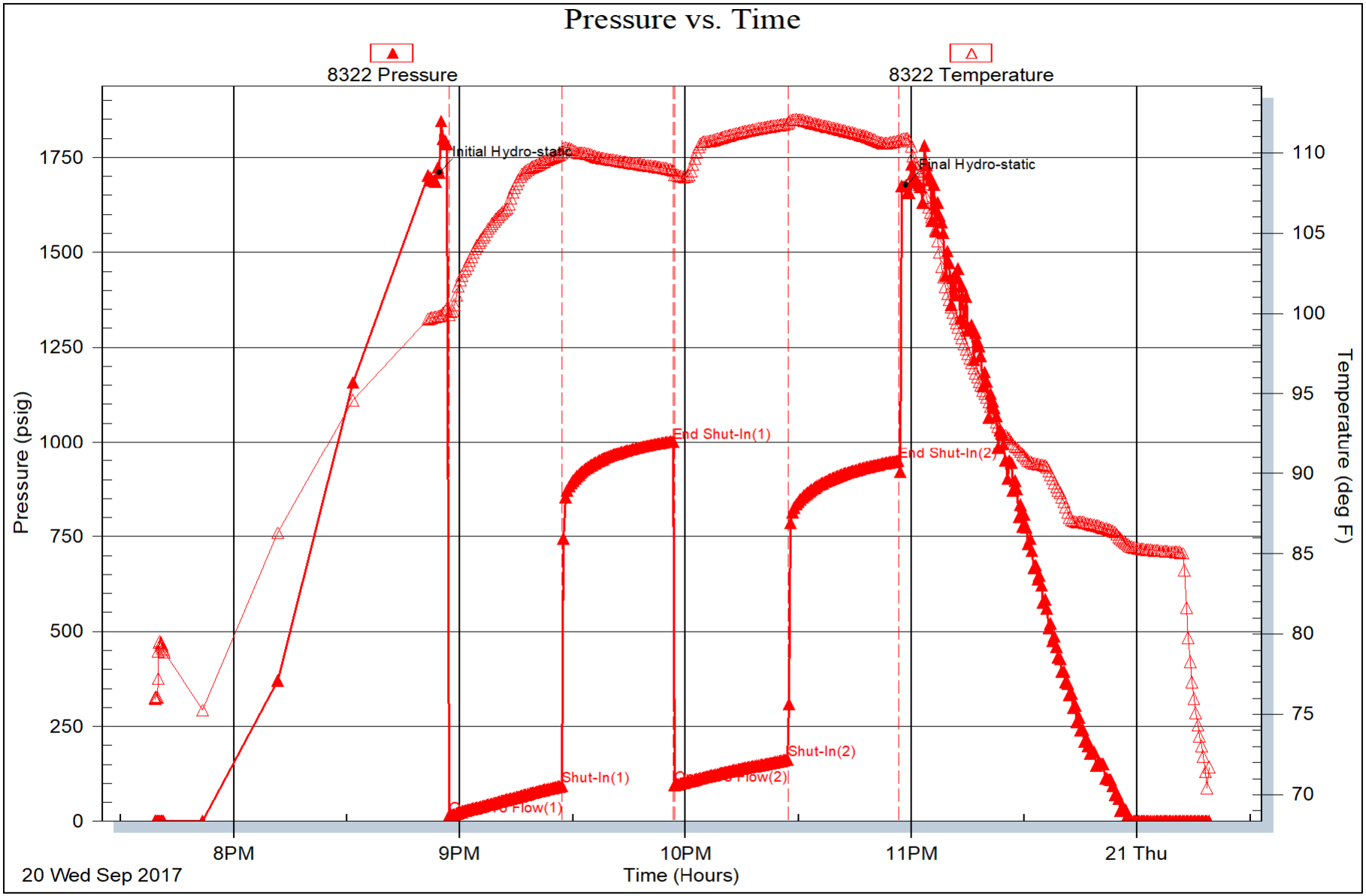
Recovery Comments: Recovery Resistivity .315 ohms @ 68 deg.

Serial #: 6755 **Inside** Darrah, John Jay Jr Gaunt-Wright # 1-32 DST Test Number: 4



Trilobite Testing, Inc Ref. No: 62645 Printed: 2017.09.21 @ 08:12:23

Serial #: 8322 **Outside** Darrah, John Jay Jr Gaunt-Wright # 1-32 DST Test Number: 4



Trilobite Testing, Inc Ref. No: 62645 Printed: 2017.09.21 @ 08:12:23

DARRAH OIL

Scale 1:240 Imperial

Well Name:	Gaunt-Wright Unit #1-32		
Surface Location:	SE/SW/SW/NW Sec 32 T20S R13W		
Bottom Location:			
API:	15-009-26180		
License Number:	5088		
Spud Date:	9/13/2017	Time:	11:45 AM
Region:	Barton County KS		
Drilling Completed:	9/20/2017	Time:	1:00 PM
Surface Coordinates:	2697' FSL & 585 FWL		
Bottom Hole Coordinates:			
Ground Elevation:	1900.00ft		
K.B. Elevation:	1906.00ft		
Logged Interval:	2800.00ft	To:	3573.00ft
Total Depth:	3573.00ft		
Formation:	Arbuckle Dry		
Drilling Fluid Type:	Chemical mud		

OPERATOR

Company:	Darrah Oil		
Address:	125 N. Market, Suite #1425 Wichita, KS 67202		
Contact Geologist:	Seth Evenson		
Contact Phone Nbr:	(316) 219-3390		
Well Name:	Gaunt-Wright Unit #1-32		
Location:	SE/SW/SW/NW Sec 32 T20S R13W	API:	15-009-26180
Pool:	Infield	Field:	Hiss Southeast
State:	Kansas	Country:	United States

ELEVATIONS

K.B. Elevation:	1906.00ft	Ground Elevation:	1900.00ft
K.B. to Ground:	6.00ft		

CONTRACTOR

Contractor:	Royal Drilling		
Rig #:	1		
Rig Type:	Standard double		
Spud Date:	9/13/2017	Time:	11:45 AM
TD Date:	9/20/2017	Time:	1:00 PM
Rig Release:	9/21/2017	Time:	12:00 AM

LOGGED BY

Company:	Darrah Oil
Address:	125 N. Market, Suite #1425 Wichita, Kansas 67202

Phone Nbr:
Logged By: Geologist Name: Seth L. Evenson

OPEN HOLE LOGS

Logging Company: Pioneer Energy Services
Logging Engineer: J. Henrickson
Truck #: 108
Logging Date: 9/20/2017 Time Spent: 3
Logs Run: 3 # Logs Run Successful: 3

LOGS RUN

Tool	Logged Interval	Logged Interval	Hours	Remarks	Run #
Dual Comp Porc	2700.00ft	3525.00ft	3.00		1
Dual Induction	300.00ft	3553.00ft	3.00		1
Micro Resistivity	2700.00ft	3553.00ft	3.00		1

LOGGING OPERATION SUMMARY

Date	From	To	Description Of Operation
9/20/2017	300.00ft	3553.00ft	

NOTES

DST #1

Kansas City
3401' - 3510'
(3396' - 3505' corr.)

15-30-30-45

HP= 1691# - 1661#
FP= 47# - 101#
SIP= 282# - 335#

Rec: 1209' GIP
62' Gsy Oil Emulsion (20% Oil)
62' MCGO (45% Oil)
62' HGC Oily Emulsion (20% Oil)
30' Emulsified Oily Mud (10% Oil)

BHT= 105 deg F

DST #2

Arbuckle
3501' - 3540'
(3496' - 3535' corr.)

30-30-30-30

HP= 1756# - 1716#
FP= 17# - 29#
SIP= 43# - 42#

Rec: 139' GIP
45' G&OCM (30% Oil)

BHT= 101 deg F

DST #3

Arbuckle
3538' - 3558'
(3533' - 3553' corr.)
15-30-45-60

HP= 1777# - 1765#
FP= 20# - 66#
SIP= 537# - 382#

Rec: 713' GIP
30' GO (80% Oil)

DST #4

Arbuckle
3557' - 3579'
(3552' - 3573' corr.)
30-30-30-30

HP= 1763# - 1673#
FP= 13# - 162#
SIP= 1001# - 949#

Rec: 124' SOCWM (3% Oil)
201' MCW w/SO

62' VHGCMO (25% Oil)
62' HG&MCO (50% Oil)

BHT= 107 deg F **BHT= 112 deg F**

Note: All formation tops, sample descriptions, drill-stem test intervals, and drill time (except for Anhydrite drill time), have been corrected up by five feet.

All measurements are taken from KB datum.

Due to poor permeability and/or pressure depletion within potentially productive formations, as indicated by drill-stem tests; it was determined that the Gaunt-Wright Unit #1-32, should be plugged and abandoned as a dry-hole without further testing through production casing.

ROCK TYPES

Coal
Dolsec
Lmst fw<7
Lmst fw7>
Mrlstcalc
Shgy
Shblck
Shcol
Sltst
Ool grnst
Chtcongl

ACCESSORIES

MINERAL
P Pyrite
Siliceous
Bitumenous material/ce
Chert White

FOSSIL
F Fossils < 20%
Gastropod
Oolites

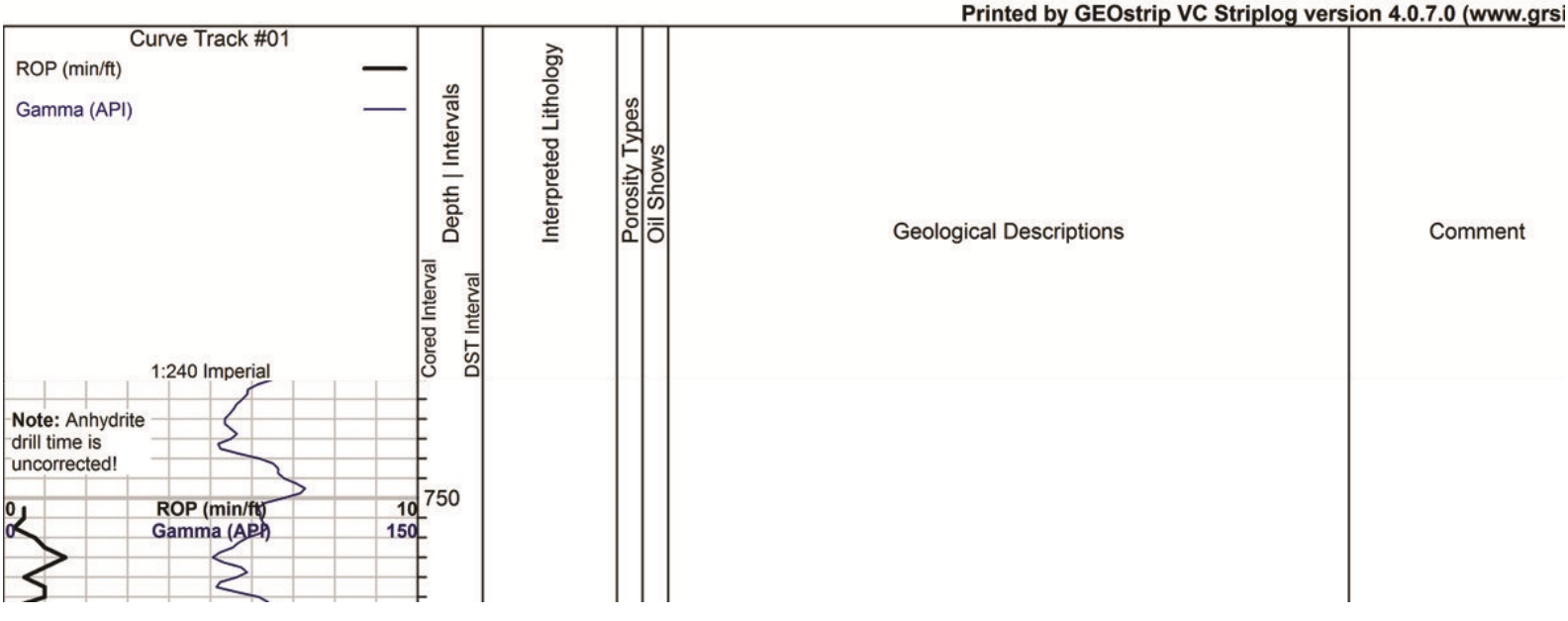
STRINGER
Dolomite
Sandstone
Shale

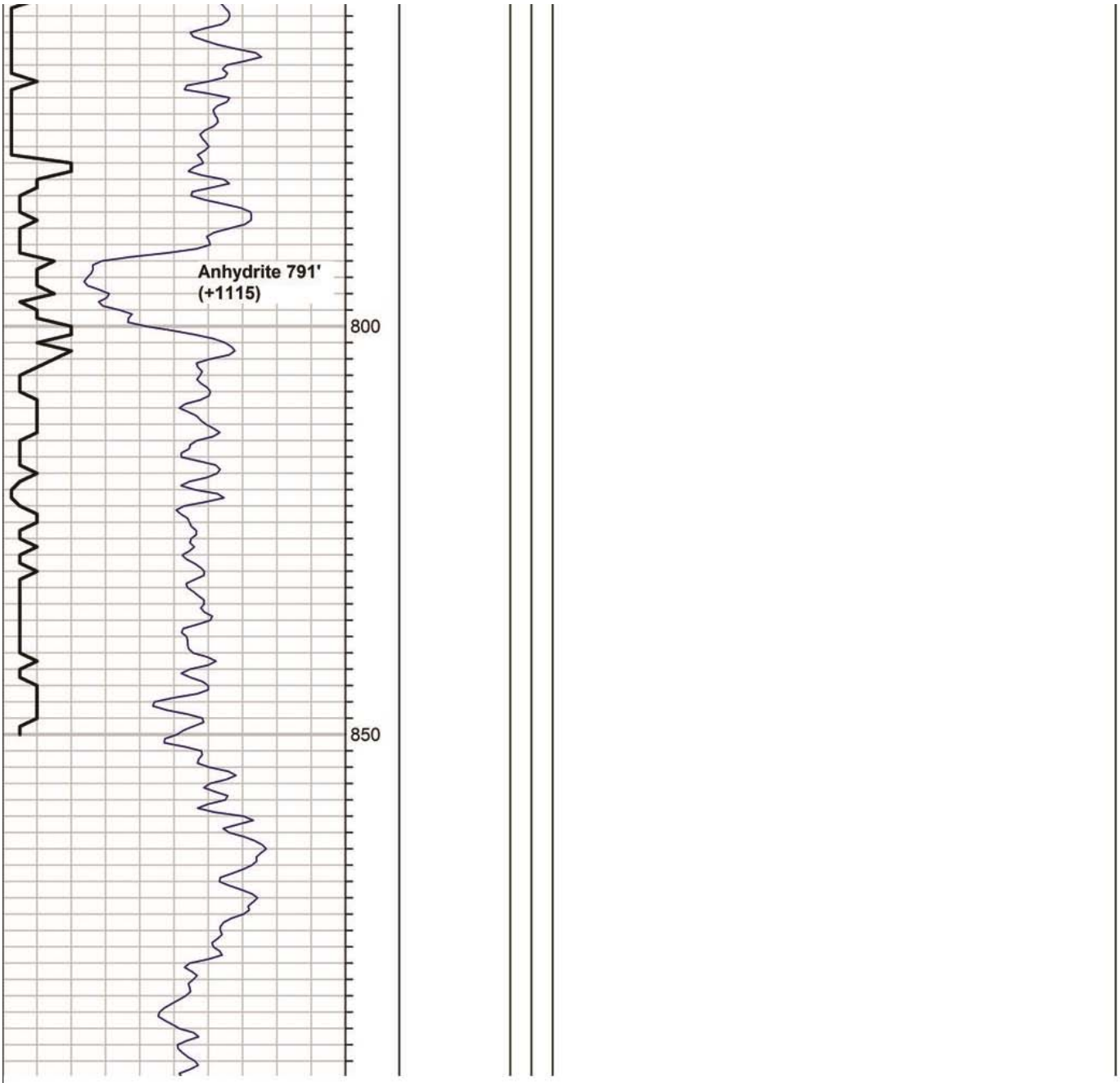
OTHER SYMBOLS

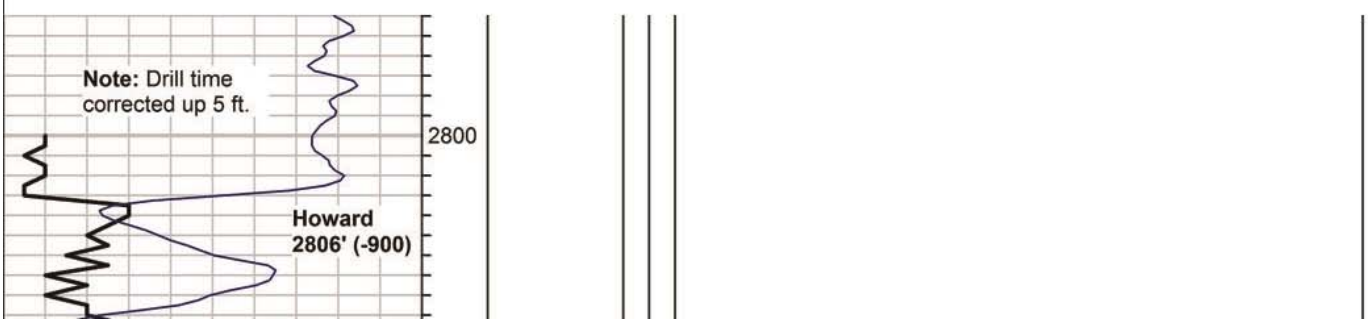
POROSITY TYPE
× Intercrystalline
ϕ Interoolitic
V Vuggy
P Pinpoint
Moldic
O Organic
F Fracture
e Earthy
Fenestral

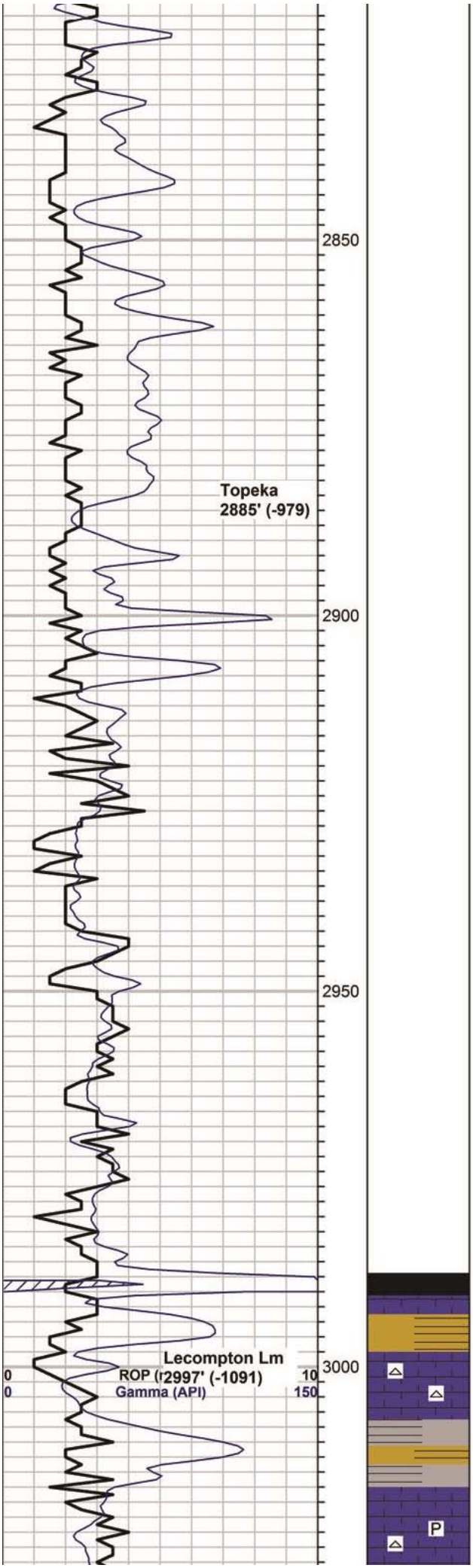
OIL SHOWS
● Even Stn
◐ Spotted Stn 50 - 75 %
◑ Spotted Stn 25 - 50 %
◔ Spotted Stn 1 - 25 %
○ Questionable Stn
D Dead Oil Stn
■ Fluorescence

Printed by GEOstrip VC Striplog version 4.0.7.0 (www.grsi




Anhydrite 791'
(+1115)
800
850


Note: Drill time
corrected up 5 ft.
2800
Howard
2806' (-900)

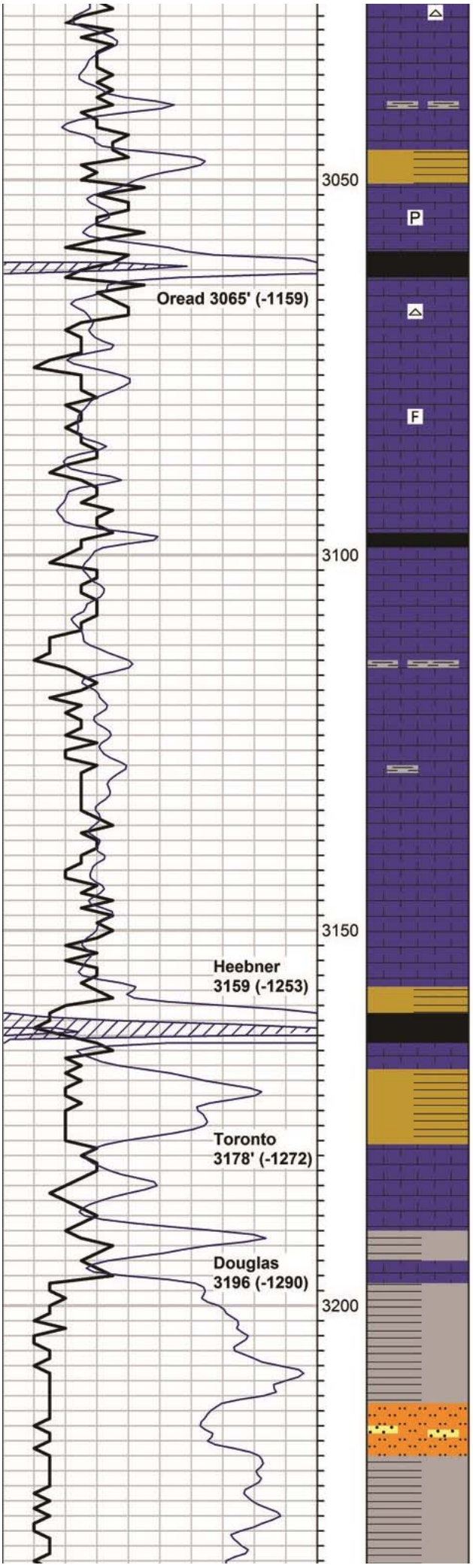


2985'-2995': Lms, gry, much tan, fn xtln, tite, dns. No vis poro. Trc of highly foss chrt, and trc blk carb shale.

2995'-3005': Lms, tan to gry, foss, vfn-fn xtln, tite, vpr-no vis poro. A few pcs chrt, gry to wht, opaque, shrp & frsh. Also, 1 loose crs, sub rnd qtz grain.

3005'-15': Lms, gry, fn xtln, sli foss, tite, vpr-no vis poro. Some chrt, foss, shrp & frsh.

3015'-25': Lms, gry, vfn-fn xtln, tite, vpr-no vis poro, a few pcs lms w/xtln pyrite included. Some chrt, shrp & frsh. A few pcs shale, gry & blu/gry.



3025'-35': Lms, gry, vfn xtln, sli foss, tite. Also, some tan to off-wht lms, sli chlky. All vpr-no vis poro. Increase in gry shales.

3035'-45': Lms, gry to tan, vfn xtln, foss, hrd res, vpr-no vis poro. A few pcs reddish to maroon, and blk shale.

3045'-55': Lms, gry, fn xtln, tite, pr-no vis poro. Few-no allchms, rough text.

3055'-65': Lms, gry, some tan, fn xtln, pr-no vis poro. Some chrt, gry, shrp & frsh.

3065'-75': Lms, lt gry to off-wht, vfn xtln, w/scat pyrite mineral inclusions, tite, no vis poro. Also, a few pcs red/brwn earthy shale.

3075'-85': Lms, brwn, vfn xtln, hrd, tite, no vis poro. Much, gry lms, some ratty, all no vis poro. Some gry and lt grn shale, also chrt, shrp & frsh.

3085'-3095': Lms, tan-lt gry, vfn xtln, sft-med res, foss, sli chlky, ratty to mealy looking. No vis intr-xtln poro, vpr-no vis poro. Increase in shales, mstly gry. Trc blk, sli carb shale.

3095'-3105': Shale, blk, sli carb, blky. Mstly lms, gry & tan, vfn-fn xtln, hrd, tite, some sli foss, no vis poro. Trc blk chrt, shrp & frsh.

3105'-15': Lms, lt gry to some gry, micro, mst vfn xtln, hrd res, mst few vis allchms, no vis poro. A few pcs, blk chrt as abv. Also, shale, drk gry-blk, some sli carbonaceous.

3115'-25': Lms, gry-tan, vfn xtln, hrd res, vpr-no vis poro, few allchms. Somes shale, blk carbonaceous.

3125'-35': Lms, lt gry, also some gry & tan, mst vfn xtln, mst vry few-no allchms, hrd res, pr-no vis poro. Trc gry chrt, shrp & frsh.

3135'-45': Shale, drk gry, fissile, much red/brwn to maroon, sli earthy, trc sea grn. Mstly, lms, tan, vfn xtln, tite, vpr-no vis poro.

3145'-55': Shale, drk gry, maroon, a few red/brwn, and yell/grn, trc drk prpl. Much lms, tan, micro-vfn xtln, no vis poro.

3155'-65': Lms, gry-tan, micro-vfn xtln, vpr-no vis poro. Mstly shale, as above.

3165'-75': Lms, lt gry-crm, vfn xtln, pr-no vis poro. Much shale, red/brwn, maroon, gry, some blk sli carbonaceous, trc blu/gry.

3175'-85': Lms, gry-tan, vfn xtln, no vis poro, some gry sli shaley lms. Much shale, gry, maroon, & blk carbonaceous, a few blu/gry to sli grnish.

3185'-3195': Lms, crm-gry, vfn-fn xtln, a few foss, mst pr-no vis poro, w/no allchms. Smpl mstly shale, as above.

3195'-3205': Lms, crm, some tan, vfn xtln, some chlky, vpr-no vis poro. A few pcs wht chlk.

3205'-15': Lms, tan, some crm, sli chlky, vfn xtln, sft-med res, pr-no vis poro.

3215'-25': Shale, maroon, sli earthy, also gry, platy. Mstly lms, tan to crm, vfn xtln, med-hrd res, no vis poro.

3225'-35': Shale, maroon, gry, a few pcs blk carbonaceous. A few pcs shaley lms. Mstly lms, crm to tan, vfn xtln, pr-no vis poro.

3335 cont': a couple pcslms abndt small rnd wht ooids, w/hvy blk asphlticstn in abdnt intr-ool vugs, grsy lstr, poss travertine re-mineralization, crs calcite xtl attached. Smpl catchr smelled gas from flow line.

3345 cont': A few pcs lms gry, micro xtln, scat shllw intr xtln dislt ion to foss cast vugs in tite matrix, fr scat blk lv stn, VSSFO on brk, blk stky oil drplts on brk. SSG, bubbles on brk, Vpr overall poro, pr-no perm apparent, Fluor 5% pcs or less. Sli-fr odr, Wk shw.

3355' cont: 1 pc lms drk gry, fn xtln, brtl/crmbly, fr even blk stn in fr-gd intr-xtln poro. fr-gd grsy lstr on brk.

Shrt smpl @ 3360': Lms, gry, ool, vfn xtln, med-hrd res, fr-gd stn in fr scat intr-xtln & intr -ool dissolution vugs, gd grsy lstr, trc FO. A few pcs hrd res, blk, w/fr-gd oomldc vugularporo, hvy blk sli asphaltic stn and sli grsy lstr. Fr-gd vugulr & pr intr xtln poro in pcs w/shw. Mst pcs, abdly ool, non-vugular, vpr-no vis poro. scat spty dull fluor in approx 10-15% pcs, sli odr.

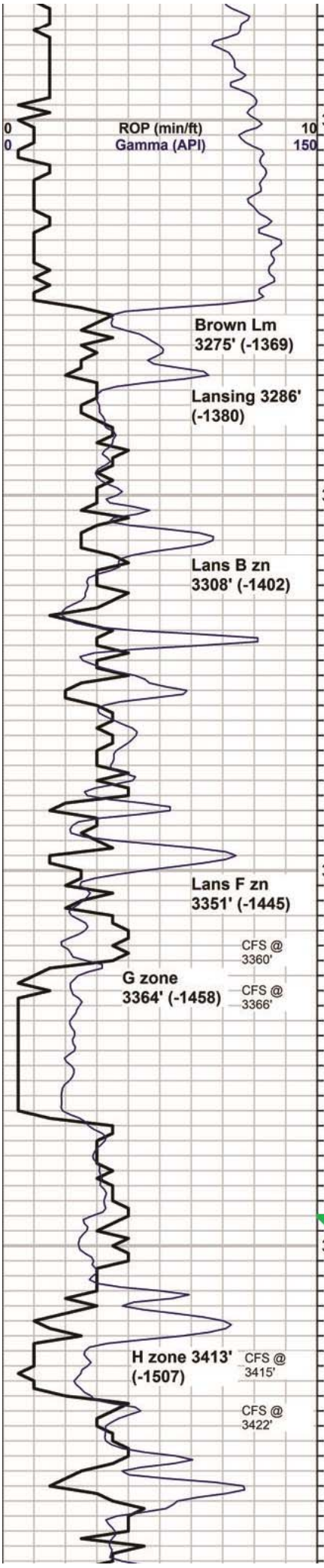
3360' CFS 15 min: Mstly lms, lt gry, vfn xtln, dns non-allchmcl, NS. A few pcs w/shw as abv. A couple pcs w/fr-gd blk stn in gd intr ool vugular poro, fr grsy lstr. Probably drilled past shw.

3360' CFS 30 min: Lms, crm-tan, some lt gry, micro-vfn xtln, tite. A few pcs gry lms, abndtly ool w/fr-gd intr-ool vugs, gd blk stn in vugs, fr-gd grsy lstr, VSSFO & trc gas. Some shale, gry, red/brwn, trc blk.

3366' CFS 45 min: Lms, mstly, lt gry-tan micro to vfn xtln, no vis poro. Some brwn vfn xtln, oomldc vugular lms as abv, fr-gd vugular poro, NS.

3415' CFS 60 min: Lms, crm to lt gry, vfn xtln, ooltc & oomldc vugular, sli to FSFO, brown drplts FO upon brk. No stn noted in fr vugular poro & fr intr-ool poro. Internal vugs contain drplts of FO. Differs from brown, barren, oomoldic lms of the G zone. Most of sample is lms, gry, micro-vfn xtln, hrd, dns, non-oolitic, no vis poro. Sli odor in sample.

3422' CFS 45 min: Lms, lt gry to tan, mst ooltc, with vry sparse scattered oomldc vugs, hrd, tite,



pcs shaley lms. Mstly lms, crm to tan, vfn xtln, pr-no vis poro.

3235'-45': Siltstone, gry, firm, vry shaley. A few pcs shaley, vfn grained SS, vpr-no vis poro, NS. Much shale.

3245'-55': Shale, gry, sft, platy. Some lt gry SS, to siltstone, hrd as above. A few pcs lms, brwn to sli yell/brwn, micro-vfn xtln, hrd, tite, no vis poro.

3255'-65': Shale, gry, sft.

3265'-75': Shale, gry, sft, and some silty gry shale.

3275'-85': Shale, gry.

3285'-3295': Shale, gry-drk gry, as abv. Also, a couple pcs gry vfn xtln, shaley, lms, hrd, no vis poro.

3295'-3305': Lms, off-wht to crm,micro-vfn xtln, hrd res, mst, non-allchmcl, no vis poro. Some pcs chlky. A couple pcs, sli chlky lms w/scat fr lt brwn stn on rare surfc dissolution vugs, fr cut and wk bloom on brk, vpr vugular poro, no vis intr-xtln poro. Vry wk shw.

3305'-15': Lms, crm to gry, micro-vfn xtln, vpr-no vis poro, mst non-allchmcl. 1 pc brwn, highly foss lms.

3315'-25': Lms, tan-lt gry, micro-vfn xtln, mst hrd res, vpr-no vis poro. A few pcs lms w/scat shllw, intr-xtln surfc vugs, gd scat brt wht fluor, in about 3% pcs, fr blm on brk, mst no cut. Little to no vis stn on pcs w/shw. 1 pc lms gry, vfn xtln, vry hrd res, rare scat rnd vugs, rare scat brwn stn in vugs, sli grsy lstr, vry pr overall poro. Sli odr in smpl.

3325'-35': Lms, brwn,vfn xtln, abndly oomldc vugular, shallw oomldc vugs, hrd, pr-fr intr xtln & fr-gd vugular poro, NS. Several pcs lms tan-crm, micro xtln, w/fr-gd uneven lt brwn lv surface stn, rare scat stn in pc w/rare wk fossil moldic vugular poro, lv drk brwn stn on brk. Fr brt fluor in 1% or less pcs. Sli odr. Shw probably from abv oomld vugular lms.

3335'-45': Lms, gry, vfn xtln, hrd res, tite. Some w/scat ooids, no vis poro. Also, crm-lt gry lms, as abv.

3345'-55': Lms, gry to drk gry, ool, vfn xtln, med res, rare scat intr-ool vugs. Dull yell/grn fluor in 10% pcs, sli odr. Scat blk lv stn in a few pcs, some dead blk gilsonite stn in edges and fractures of some pcs. Sli odr. New zone.

3360'-65': Lms, lt gry to tan, micro to vfn xtln, occasionally, ool, dns, pr-no vis poro mst pcs. Scat, sprs, lt lv stn in scat rare vry shallw intr-xtln vugs and edges. Vry sli odr. Wk shw, no vis perm, vry wk to no intr-xtln poro, vpr vugular poro. Mst pcs no vis poro & NS.

3365'-75': No sample

3375'-85': Lms, tan-lt brwn, vfn xtln, abndtly oomldc vugular, fr intr-xtln & gd vugular poro. NS. Mstly lms, crm, vfn xtln, tite.

3385'-3395': Lms, lt brwn-tan, fn xtln, abndtly oomld vugular, gd vugular & fr intr xtln poro, mst ooids have been totaly dissolved a few partially disolved in a few pcs. Gd yell mineral fluor, no cut, NS.

3395'-3405': Lms, gry, vfn xtln, tite, mst vpr-no vis poro, loosing oomldc poro, mst non allchmcl. Increase in gry & some grnish shales.

3405'-15': Lms, gry, vfn xtln, hrd, tite, dns, few-no allchms, vpr-no vis poro. A few pcs chrt, shrp & frsh.

3422'-25': Lms, lt gry, tan, gry, mstly, vfn xtln, non-allchmcl, hrd tite, vpr-no vis poro. Some lms, tan-gry, ooltc to sli oomldic vugular, mstly tite pr vis poro. Some lms, crm to lt brwn, oomldc vugular, mst all barren, likely slough from above. Drilled past show.

3425'-35': Lms, gry-lt gry, tan, vfn xtln, hrd res, vpr-no vis poro, tite. Mst few to no vis allchms.

3435'-45': Lms, crm-gry, micro-vfn xtln, a few ooltc, all vpr-no vis poro. Incrs

pr-vry pr overall porosity. A few pcs w/sli-FSGFO on brk, prob frm above; likely getting titer at base of zone, losing vugular poro. Much non-oolitic, tan to crm, vfn-xtln lms, tite, vpr-no vis poro. Some blk carb, blky shale. 1 drplt FO floating in sample cup.

3455' CFS 30 min: Lms, tan-brwn, micro-xtln, w/scat vugs & fr-gd stn, as abv. A few pcs gry, ool, sli oomldc vugulr lms, hrd res, pr overall vugulr & intr-xtln poro. Fr grsy lust, & VSSFO on brk. Micro-xtln pcs with scat dissolution vugs are vry hrd and tite, but release VSSGO on brk. Vry pr-no matrix poro. Fr-gd stn in approx 30% of pcs, fr odr.

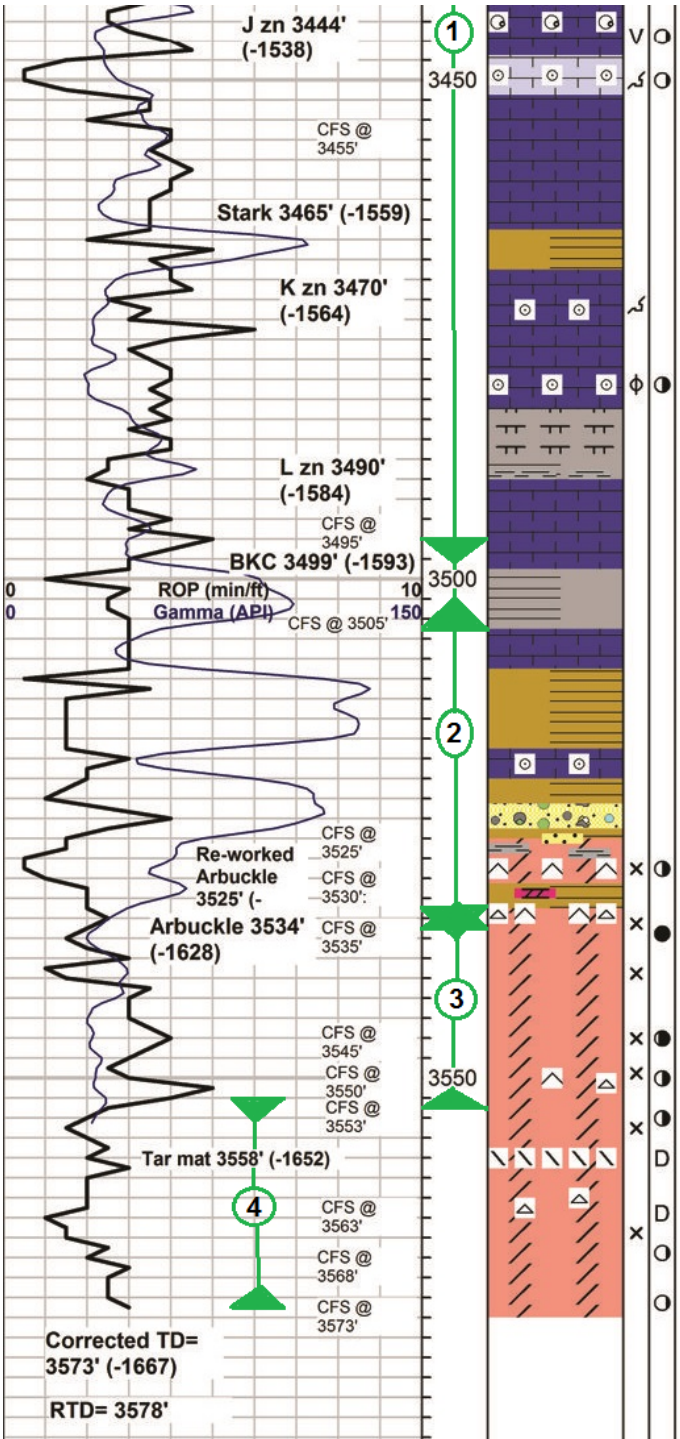
3525' CFS 45 min: A coupl pcs dolo, lt gry, vry fn- micro xtln, hrd res, scat wk stn, fr scat, yell fluor, fr slw strming cut. FSFO w/acid. Drplts of lt brwn FO escape when acid is add. Vry hrd, tite, silicified, no vis poro. Vry shaley, grn xtln dolo. Fr odr.

3495' CFS 45 min: Lms, gry, micro-vry fn xtln, abndntly ool, irreg sized ooids, better cmntd than abv pcs, similar ooids though, mst med-hrd res, fr intr-ool vugular poro, gd blk stn in vugs, sli grsy lust, SSFO on brk. Sli odr in cup. A few drplts of brwn FO floating in cup! A few pcs lt brwn, vry fn xtln, ool lms, wi/fr intr-ool vugular poro, brtl-med res, gd even stn & full sat, gd grsy rainbw lust, especially on brk, appears to have better vugular connectivity, fr to gd overall poro in lt brwn pcs.

CFS @ 3530' 60 min: Many oil droplets floating in cup! Dolo,drk brwn-brwn, highly silicified to qtzitic. A few vfn xtln, highly silicified, no vis poro. Abndt clr re-mineralized qtz, some banded, sli agatized, & many pcs w/dolo attached; could indicate presence of larger sized vugs. Several pcs qtz/qtzite have gd even brwn stn. 1 pc w/GSFO, vry gssy FO from intr-xtln poro, upon sqz. Gd odr, gd brt yell fluor in approx. 50% smpl. More qtz than dolo in this sample. Several pcs wht chrt, sli weathered w/scat blk to brwn stn in shallow vugs.

CFS @ 3535' 60 min: Dolo, tan-gry, fn rhmbc xtln, hrd res, fr, lt even stn & fr even sat, fr lt grsy lstr, SSG on brk. Some drk brwn qtzitc dolo pcs, vry hrd w/SSO. Mst pcs quite hrd & tite, pr overall poro. Gd brt wht fluor in 50% smpl, Fr-gd odr.

3545' CFS 60 min: Dolo, gry-brwn, med rhmbc xtln, mst w/fr-gd even brwn stn in pnpnt intr-xtln poro,



in gry & marron shales.

3445'-55': A few pcs, lms, lt gry, vfn xtln, foss, med res, fr drk brwn-lt blk stn in fr intr foss/intr-xtln vugs, numerous gast foss, poss forams also. Fr grsy lstr, sli odr in cup. Mst pcs tite, as abv.

3455'-65': Lms, crm, tan, gry, vfn xtln, hrd, tite, mst, non-allchmcl & vpr-no vis poro. Several pcs w/scat st in rare vugs, and fr grsy lstr, probably from up hole. Fr odr in sample.

3465'-75': Lms, crm to gry, micro-vfn xtln, mst non-allchmcl, tite, no vis poro. Many pcs J zn slough w/shw. A couple pcs of foss lt gry lms w/ stn as seen abv. Looks exactly like what was seen previously. Increase in shales, grn, maroon, drk gry, blk, trc prpl. A few pcs shly lms.

3475'-85': Shale, prpl, gry grn, maroon, some mottled as abv. Mstly, lms, tite, as abv. Lms, grading into more ooltc mstly tite, brwn to tan, micro-vfn xtln, hrd, mst vpr-no vis poro. Probably transitioning into a sli vuggy oomldc lms w/partially dissolved ooids.

3485'-3495': Lms, gry, micro xtln, med res, abndly ool, w/fr intr ool vugs. Small rnd-sub rnd ooids, fr drk brwn even stn in intr-ool poro, gd grsy lstr. 1 clst w/irreg sized ooids, med-crs, rnd.

3495'-3505': Lms, crm-gry, micro-vfn xtln, hrd, tite,mst non-allchmcl, vpr-no vis poro. Increase in shales. Appears to have drilled past shw.

3505'-15': Much shale, drk gry, maroon, & blu/gry. A few pcs lms, crm-vry lt gry, vry sli grnsh tint. Sli conglmrtc. Mstly lms tan tite from up-hole.

3515'-25': Shale, gry, maroon, grn, trc mottled, etc. Much lms, lt gry-crm, tite, as abv. 1 pc highly pyritized shale, vry hrd.

3530'-35': Bubbles of gas and drplts of brwn FO float to top of smpl cup when sqzd! Highly silicaceous dolo brwn, tite, mstly dolomtc qtz & re-mineralized qtz. Med qtz xlts, mst tite w/rare pnpt poro, SSFO, gsy, on sqz. Mst pcs have little effvsnc. Fr-gd brt yell/wht fluor in 35-40% smpl. Fr odr.

3535'-45': Dolo, lt brwn to gry, fn xtln, mst hrd & tite, a couple pcs, w/unifrm sized rhmds, med res, fr intr-xtln poro, & fr shw grsy lstr on brk, spty lv brwn stn in intr-xtln poro on brk. Mstly sloughing shale.

3545'-50': Dolo brwn-lt gry-tan, fn xtln, hrd, tite, pr-no vis intr-xtln poro. Appears much less sat than abv. Mstly non-rhmbc xtls, fr even dull yell/wht fluor in approx 90% smpl, Gd odr.

3550'-53': Dolo, lt gry-brwn, med rhmbc xtln, mst w/fr-gd intr-xtln poro. Gd brwn stn in abndt pnpnt intr-xtln vugs. vry gd even sat in approx 50% rhmbc pcs, gd grsy lstr, gd dull yell/wht fluor in about 80% smpl. Gd odr. Many tite pcs, but seems to be increase in rhmbc pcs w/fr-gd intr-xtln poro. Gd show.

3553'-63': Mstly slough from conglomerate. Some dolo, both tite & rhmbc, stnd & xtln as seem up-hole. a few pcs foss chrt, shrp & frsh, fr odor.

3563'-68': Gd odr! Dolo, lt gry, some sli pinkish, vfn xtln, tite, dns, NS those pcs. Also, lms gry, fn xtln, med res, pr-fr pnpnt intr-xtln poro. Mst w/lt wk stn & grsy lstr on brk. A few pcs shw transition from tite micr-vfn xtln lms to fn xtln lms w/fr brwn matrix in a distinct band. Dull yell fluor & fr-gd strming cut in pcs w/stn, wk-fr bloom. Overall wk show in pr poro. VSSFO in 1 tite piece.

3568'-73': Dolo, fn xtln, gry, med-hrd res, pr-fr intr-xtln poro, a few w/scat small intr-xtln vugs, pr-fr vis stn & sat, fr-gd cut on brk, fr-gd dull yell fluor. 1 pc w/Trc FO on brk.

mst hrd res, some med res, with fr intr-xtln poro. A few rare pcs w/gd intr-xtln poro, fr-gd steaming cut in pcs w/less vis stn & sat, gd even yell fluor in about 90% smpl, mst pce well sat. Overall, intr-xtln poro appears to have imprvd a bit Gd odr.

3550' CFS 45 min:
Dolo, drk brwn, med rhmbc xtln in tite micro-xtln silica matrix;vry hrd, no vis poro. Also some dolo, tan, vry fn- fn xtln, hrd and tite, vry pr-no vis poro, non-rhmbc xtln, silicified, wk strmng cut in tan fn xtln pcs, could be surfc lust. Gd-vry gd, fst, strmng cut in drk brwn, hrd res pcs, mst of which have gd even stn & sat. Rhmbc pcsw/fr-gd inter-xtln poro in about 50% of pcs, gd stn in these pcs, probably drilled past.

3553' CFS 60 min:
Dolo,tan-brwn, rhmbc to vry fn xtln, hrd, mst tite, dns matrix, rhmbc pcs, have fr-gd brwn stn, mst inter-xtln poro is cmntd off w/silica matrix. Mst tite pcs have wk scat yell/grn fluor & vry wk to no cut. Smpl shws a transition from gd rhmbc xtln dolo, to tite dns, fn xtln, non-rhmbc dolo. Gd yell/wht fluor in approx 75% pcs, some pcs w/poss mineral fluor. Less overall sat, but prob due mstly to tite rocks.

3563' CFS 60 min:
Dolo, tan to lt gry, some lt pnksh tint, vry fn xtln, hrd res sli silicified, mst vry tite, dns, no vis poro. A few w/blk asphaltic stn attchd in distinctive bndary. Transitional boundary from rhmbc xtln dolo, w/inter-xtln poro, to more tite, dns dolo, w/no inter-xtln poro. A few tite dns pcs, w/scat lt brwn stn on surfc, vry pr-no vis inter-xtln poro, poss sli fract poro. Much shrp, frsh, wht chrt in smpl.

3568' CFS 60 min:
Fr-gd odr. Dolo, gry, fn xtln, med-hrd res, pr-fr intr-xtln poro, a few pcs, w/fr larger intr-xtln vugs& rough bmpy text, fr-gd grsy lstr on brk, gd odr on brk, SSG & VSSFO on brk, uneven dull yell fluor, fr cut on brk. Better shw than abv.

3573' CFS 60 min:
Dolo, gry, fn xtln, some sft, semi-sucrosic, w/gd rainbow grsy lstr on brk. One pc sptty brwn stn in intr-xtln vugs. Dull yell/grn even fluor, mst pcs, wk strmng cut on brk, but gd strming cut in better sat pcs. Gd odr.

GLOBAL OIL FIELD SERVICES, LLC

24 S. Lincoln
RUSSELL, KS 67665

Invoice

Date	Invoice #
9/18/2017	3097

Bill To
DARRAH OIL COMPANY PO BOX 2786 WICHITA,KS 67201

Dry

P.O. No.	Terms	Project
GAUNT-WRIGHT...	Due on receipt	

Quantity	Description	Rate	Amount
150	COMMON CEMENT	16.00	2,400.00
100	POZ	9.50	950.00
8	CALCIUM	59.00	472.00
5	GEL	21.50	107.50
263	HANDLING	1.90	499.70
	PICK UP MILEAGE	263.00	263.00
1	TRI-PLEX PUMP CHARGE FOR SURFACE	750.00	750.00
10	PUMP TRUCK MILEAGE	7.00	70.00
10	PICKUP FOR TRANSPORTATION OF GOODS TO JOB SITE	3.00	30.00
	20% DISCOUNT IF PAID WITHIN 15 DAYS OF INVOICE		
	BARTON CO SALES TAX	7.50%	0.00

$2300/800
CEMENT

Thank you for your business.

Total $5,542.20

GLOBAL OIL FIELD SERVICES, LLC

3097

REMIT TO 24 S. Lincoln
Russell, KS 67665

SERVICE POINT: Russell KS

DATE 9-13-17	SEC. 32	TWP. 20S	RANGE 13W	CALLED OUT	ON LOCATION	JOB START	JOB FINISH 8:15am
LEASE Gaunt-Wright	WELL #: 1-32	LOCATION	Southwest Great Bend KS to RD 502W			COUNTY BT	STATE KS
OLD OR NEW (CIRCLE ONE)		1½ South East into					

CONTRACTOR Royal Drilling Rig #1
TYPE OF JOB Surface
HOLE SIZE 12¼ T.D. 334.14'
CASING SIZE 8 5/8 DEPTH
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG.
PERFS
DISPLACEMENT

EQUIPMENT

PUMP TRUCK CEMENTER Cody
409 HELPER Chris
BULK TRUCK
413 DRIVER Tom
BULK TRUCK
DRIVER

OWNER Darrah Oil

CEMENT
AMOUNT ORDERED 250sk 60/40 3%cc 2% Gel

COMMON		@	
POZMIX		@	
GEL		@	
CHLORIDE		@	
ASC		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING		@	
MILEAGE			
		TOTAL	

REMARKS:

Ran 8 Jts of 8⅝ casing and a 10' Landing jt Hooked up circulated Mud Hooked to truck and pumped 250 sks of Cement it circulated to Surface Displaced 19¾ bbls of H2O and Shut In.

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			
EXTRA FOOTAGE		@	
MILEAGE		@	
MANIFOLD		@	
		@	
		@	
		TOTAL	

CHARGE TO: Darrah Oil
STREET
CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

		@	
		@	
		@	
		@	
		@	
		TOTAL	

Global Oil Field 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
DISCOUNT IF PAID IN 30 DAYS

PRINTED NAME Doug Budig
SIGNATURE Doug Budig 9-13-2017

GENERAL TERMS AND CONDITIONS

DEFINITIONS: In these terms and conditions, "GOS" shall mean Global Oil Field Services, L.L.C. and "Customer" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract; "merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

TERMS: Unless satisfactory credit has been established, CUSTOMER must tender full cash payment to GOS before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, CUSTOMER agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing, in no event shall this Contract provide for interest exceeding the maximum rate of interest that CUSTOMER may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the CUSTOMER or at the option of GOS, refunded directly to CUSTOMER. For purpose of this paragraph, GOS and CUSTOMER agrees that KANSAS law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

ATTORNEY FEES: In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or any way pertaining to the terms of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limited to, a reasonable sum as and for attorney's fees.

PRICES AND TAXES: All merchandise listed in GOS's current price schedules are F.O.B. GOS's local station is subject to change without notice. All prices are exclusive of any federal, state, local or special taxes for the sale or use of the merchandise or services listed The amount of taxes required to be paid by GOS shall be added to the quoted price charged to CUSTOMER.

TOWING CHARGES: GOS will make a reasonable attempt to get to and from each job site using its own equipment. Should GOS be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by GOS, will be charged to and paid by CUSTOMER.

PREPARATION CHARGES: If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay GOS for the expenses incurred by GOS as a result of the cancellation.

DEAD HAUL CHARGES: Unless otherwise specified on the front of this Contract, a deadhaul charge as set for in GOS's current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.

SERVICE CONDITIONS AND LIABILITIES:

1. GOS, carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond GOS's control, GOS shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. Customer shall be responsible for and indemnify, defend, and hold harmless GOS, its officers, agents and employees, from and against any and all claims or suits for:
   A. Damage to property or for bodily injury, sickness, disease, or death, brought by any person including CUSTOMER and/or the well owner; and
   B. Oil spill, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with GOS's performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of GOS or its employees.
2. With respect to any of GOS's tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to GOS at the landing, CUSTOMER shall either recover the lost item without cost to GOS or reimburse GOS the current replacement cost of the item unless the loss or damage results from the sole negligence of GOS or its employees.
   3. GOS does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

WARRANTIES:

1. GOS warrants all merchandise manufacture or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. GOS's obligation under this warranty is expressly limited to repair, replacement, or allowance for credit, as its option, for any merchandise which is determined by GOS to be defective. THIS IS THE SOLE WARRANTY OF GOSAND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESSED OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANT ABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. CUSTOMERS sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and GOSshall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.
2. More specifically:
   A. Nothing in this contract shall be construed as a warranty by GOS of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.
   B. Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by GOS or any interpretation of tests, meter readings, chart information, analysis of research, or recommendations made by GOS, unless the inaccuracy or incorrectness is caused by the willful misconduct or gross negligence of GOS or its employees in the preparation or furnishing of such facts, information or data.
   C. Work done by GOS shall be under the direct supervision and control of the CUSTOMER or his agent and GOS will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.

GLOBAL OIL FIELD SERVICES, LLC

24 S. Lincoln
RUSSELL, KS 67665

Invoice

Date	Invoice #
9/18/2017	3098

Bill To
DARRAH OIL COMPANY PO BOX 2786 WICHITA,KS 67201

Dry

P.O. No.	Terms	Project
GAUNT-WRIGHT...	Due on receipt	

Quantity	Description	Rate	Amount
72	COMMON CEMENT	16.00	1,152.00
48	POZ	9.50	456.00
6	CALCIUM	59.00	354.00
126	HANDLING	1.90	239.40
	BULK MILEAGE	126.00	126.00
	TRI-PLEX PUMP CHARGE FOR SURFACE	400.00	400.00
10	PUMP TRUCK MILEAGE	7.00	70.00
10	PICKUP FOR TRANSPORTATION OF GOODS TO JOB SITE	3.00	30.00
1	20% DISCOUNT IF PAID WITHIN 15 DAYS OF INVOICE		
	BARTON CO SALES TAX	7.50%	0.00

Expensed Dr/g

$2300/$00

Cement

Thank you for your business.

Total $2,827.40

GLOBAL OIL FIELD SERVICES, LLC

3098

REMIT TO 24 S. Lincoln
Russell, KS 67665

SERVICE POINT: Russell KS

DATE 9-14-17	SEC. 32	TWP. 20S	RANGE 13W	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE Grant Wright	WELL # 1-32		LOCATION South of Great Bend KS to 50RD			COUNTY BT	STATE KS
OLD OR NEW (CIRCLE ONE)			2 west 1 south East into				

CONTRACTOR Royal Drilling Rig #1
TYPE OF JOB top off surface
HOLE SIZE T.D.
CASING SIZE DEPTH
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG.
PERFS
DISPLACEMENT

EQUIPMENT

PUMP TRUCK CEMENTER Cody Hoss
417 HELPER Jason
BULK TRUCK
410 DRIVER TOM
BULK TRUCK
DRIVER

OWNER DARRAH Oil

CEMENT
AMOUNT ORDERED 120 sks 60/40 4% gel

COMMON @
POZMIX @
GEL @
CHLORIDE @
ASC @
HANDLING @
MILEAGE
TOTAL

REMARKS:

Cement Fell Back 60' Do to Sand Hooked up and pumped 120sks of Cement it circulated to Surface Waited 30mins Did not Fall Back

SERVICE

DEPTH OF JOB
PUMP TRUCK CHARGE
EXTRA FOOTAGE @
MILEAGE @
MANIFOLD @
@
@
TOTAL

PLUG & FLOAT EQUIPMENT

@
@
@
@
@
TOTAL

SALES TAX (If Any)
TOTAL CHARGES
DISCOUNT IF PAID IN 30 DAYS

CHARGE TO: DARRAH Oil
STREET
CITY STATE ZIP

Global Oil Field 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 Tony McClintock
SIGNATURE

GENERAL TERMS AND CONDITIONS

DEFINITIONS: In these terms and conditions, "GOS" shall mean Global Oil Field Services, L.L.C. and "Customer" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract; "merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

TERMS: Unless satisfactory credit has been established, CUSTOMER must tender full cash payment to GOS before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, CUSTOMER agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing, in no event shall this Contract provide for interest exceeding the maximum rate of interest that CUSTOMER may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the CUSTOMER or at the option of GOS, refunded directly to CUSTOMER. For purpose of this paragraph, GOS and CUSTOMER agrees that KANSAS law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

ATTORNEY FEES: In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or any way pertaining to the terms of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limited to, a reasonable sum as and for attorney's fees.

PRICES AND TAXES: All merchandise listed in GOS's current price schedules are F.O.B. GOS's local station is subject to change without notice. All prices are exclusive of any federal, state, local or special taxes for the sale or use of the merchandise or services listed The amount of taxes required to be paid by GOS shall be added to the quoted price charged to CUSTOMER.

TOWING CHARGES: GOS will make a reasonable attempt to get to and from each job site using its own equipment. Should GOS be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by GOS, will be charged to and paid by CUSTOMER.

PREPARATION CHARGES: If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay GOS for the expenses incurred by GOS as a result of the cancellation.

DEAD HAUL CHARGES: Unless otherwise specified on the front of this Contract, a deadhaul charge as set for in GOS's current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.

SERVICE CONDITIONS AND LIABILITIES:

1. GOS, carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond GOS's control, GOS shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. Customer shall be responsible for and indemnify, defend, and hold harmless GOS, its officers, agents and employees, from and against any and all claims or suits for:
   A. Damage to property or for bodily injury, sickness, disease, or death, brought by any person including CUSTOMER and/or the well owner; and
   B. Oil spill, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with GOS's performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of GOS or its employees.
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   C. Work done by GOS shall be under the direct supervision and control of the CUSTOMER or his agent and GOS will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.