



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1245415
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: _____



1245415

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

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

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

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

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

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

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

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

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

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

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR: _____ Producing Method:
 Flowing Pumping Gas Lift Other *(Explain)* _____

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

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

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

Date: 12/8/2014
 Invoice # 1362

P.O.#:
 Due Date: 1/7/2015
 Division: Russell

Invoice

Contact:
 R.J.M. Oil Company
Address/Job Location:
 R.J.M. Oil Company
 P.O. Box 256
 Claflin Ks 67525

Robl-Six

Reference:
 HAMMEKE 2

Description of Work:
 PROD STRING

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 1,020.55	No	Bulk Truck Mileage-Job to Nearest Bulk Plant	15	\$97.91	No
Common-Class A	180	\$ 3,319.41	Yes	Rotating Head (4 1/2", 5 1/2", or 2 7/8")	1	\$40.24	No
Gilsonite	900	\$ 1,508.82	Yes				
5 1/2" Triplex Shoe	1	\$ 1,296.47	Yes				
5 1/2" Basket	2	\$ 768.94	Yes				
5 1/2" Turbolizer	9	\$ 583.41	Yes				
Bulk Truck Matl-Material Service Charge	205	\$ 458.24	No				
Mud Clear	500	\$ 413.53	Yes				
Latch Down Plug & Baffle, 5 1/2"	1	\$ 250.35	Yes				
Salt (Fine)	16	\$ 249.64	Yes				
Pump Truck Mileage-Job to Nearest Camp	15	\$ 167.31	No				

Invoice Terms:

Net 30

SubTotal: \$ 10,174.81

Discount Available ONLY if Invoice is Paid & Received within listed terms of invoice: \$ (1,526.22)

SubTotal for Taxable Items: \$ 7,131.99

SubTotal for Non-Taxable Items: \$ 1,516.60

Total: \$ 8,648.59

Tax: \$ 509.94

7.15% Barton County Sales Tax

Amount Due: \$ 9,158.53

Applied Payments:

Balance Due: \$ 9,158.53

Thank You For Your Business!

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

Robl Six



Company _____ Lease & Well No. _____
 Elevation _____ Formation _____ Effective Pay _____ Ft. Ticket No. _____
 Date _____ Sec. _____ Twp. _____ Range _____ County _____ State _____
 Test Approved By _____ Diamond Representative _____

Formation Test No. _____ Interval Tested from _____ ft. to _____ ft. Total Depth _____ ft
 Packer Depth _____ ft. Size _____ in. Packer Depth _____ ft. Size _____ in.
 Packer Depth _____ ft. Size _____ in. Packer Depth _____ ft. Size _____ in.
 Depth of Selective Zone Set _____ ft.

Top Recorder Depth (Inside) _____ ft. Recorder Number _____ Cap. _____ psi.
 Bottom Recorder Depth (Outside) _____ ft. Recorder Number _____ Cap. _____ psi.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ psi.

Drilling Contractor _____ Drill Collar Length _____ ft I.D. _____ in.
 Mud Type _____ Viscosity _____ Weight Pipe Length _____ ft I.D. _____ in.
 Weight _____ Water Loss _____ cc. Drill Pipe Length _____ ft I.D. _____ in.
 Chlorides _____ P.P.M. Test Tool Length _____ ft Tool Size _____ in.
 Jars: Make _____ Serial Number _____ Anchor Length _____ ft. Size _____ in.
 Did Well Flow? _____ Reversed Out _____ Surface Choke Size _____ in. Bottom Choke Size _____ in.
 Main Hole Size _____ in. Tool Joint Size _____ in.

Blow: _____

Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

Remarks _____

Time Set Packer(s) _____ Time Started off Bottom _____ Maximum Temperature _____
 Initial Hydrostatic Pressure.....(A) _____ P.S.I.
 Initial Flow Period.....Minutes _____ (B) _____ P.S.I. to (C) _____ P.S.I.
 Initial Closed In Period.....Minutes _____ (D) _____ P.S.I.
 Final Flow Period.....Minutes _____ (E) _____ P.S.I. to (F) _____ P.S.I.
 Final Closed In Period.....Minutes _____ (G) _____ P.S.I.
 Final Hydrostatic Pressure.....(H) _____ P.S.I.



Michael Carroll
 620-617-0368
 carroll.dtlc@gmail.com

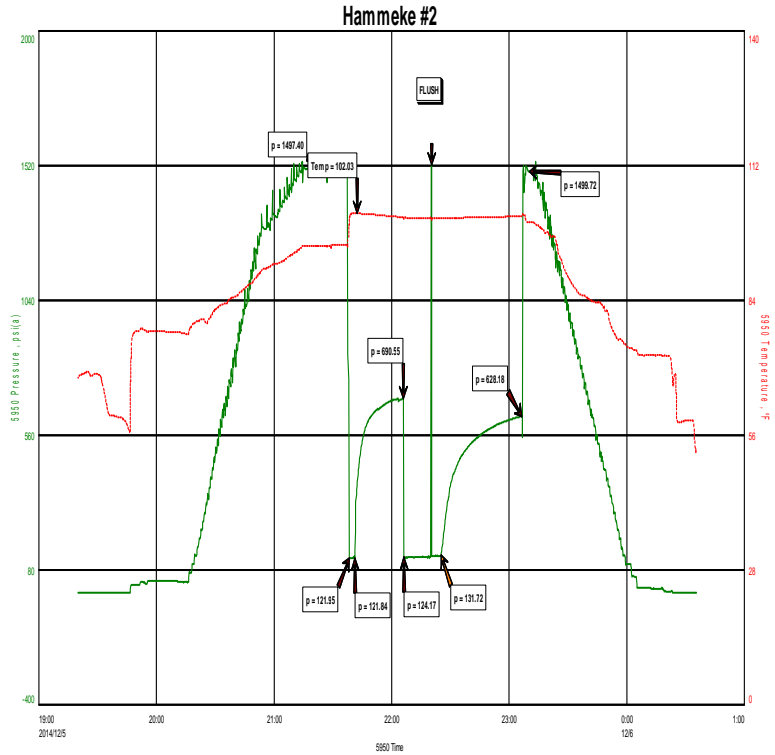
Hoisington, Kansas

General Information

Company Name RJM

Contact Chris Hoffman
 Well Name Hammeke #2
 Unique Well ID Dst #1 Lans A-F 3093-3185'
 Surface Location Sec 13-19s-12w Barton County
 Field Cheyenne View Sotheast
 Well Type Vertical
 Test Type Drill Stem Test
 Well Operator RJM

Formation Dst #1 Lans A-F 3093-3185'
 Well Fluid Type 01 Oil
 Test Purpose Initial Test
 Start Test Date 2014/12/05
 Start Test Time 19:20:00
 Final Test Time 00:35:00
 Job Number P0025
 Report Date 2014/11/05
 Prepared By Michael Carroll



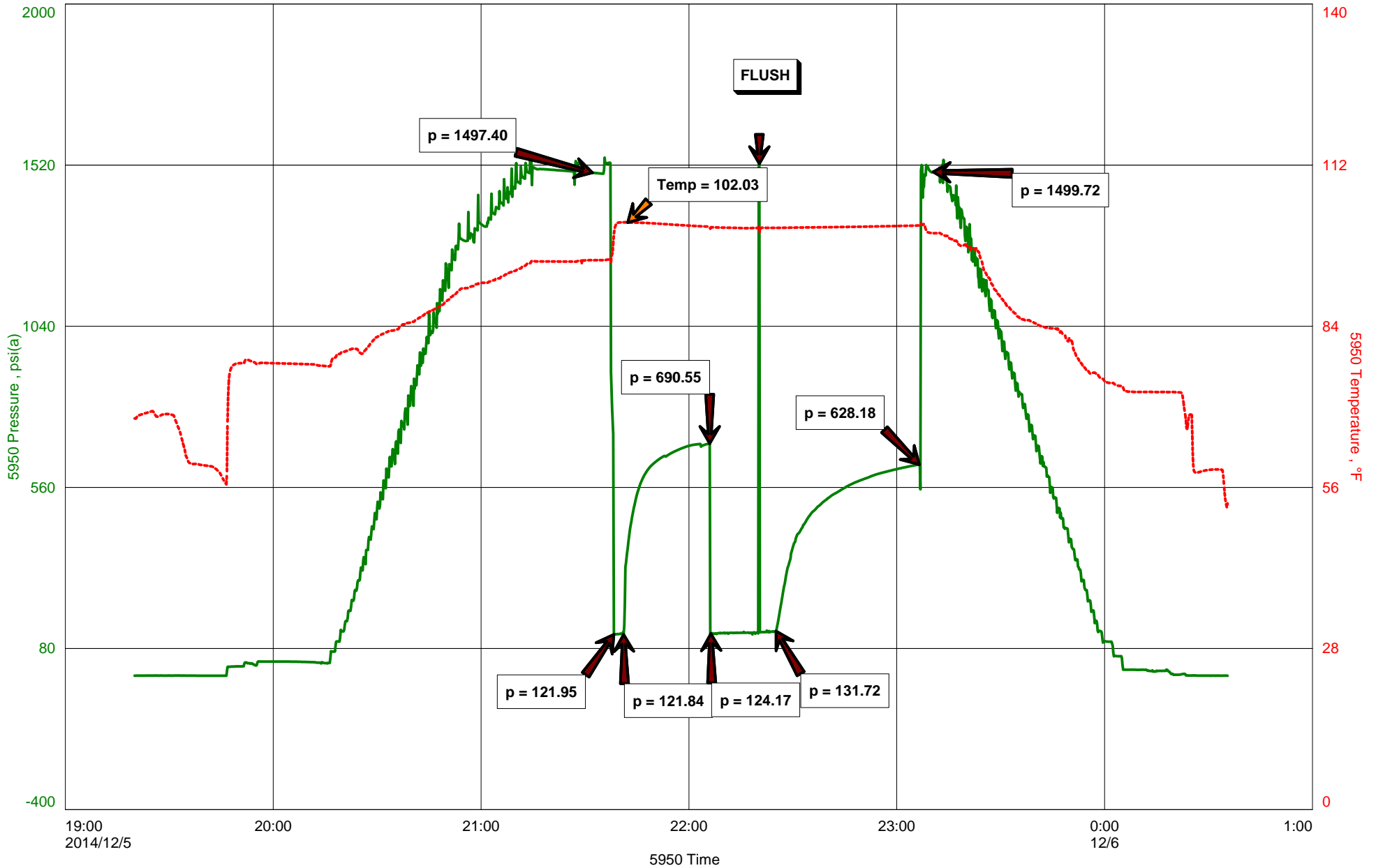
TEST RECOVERY

Remarks Recovery: 156' MUD 100% M
 Total Fluid: 156'
 Tool Sample: 100% MUD WITH A FEW OIL SPECKS

RJM
Dst #1 Lans A-F 3093-3185'
Start Test Date: 2014/12/05
Final Test Date: 2014/12/06

Hammeke #2
Formation: Dst #1 Lans A-F 3093-3185'
Pool: Infield
Job Number: P0025

Hammeke #2





Company _____ Lease & Well No. _____
 Elevation _____ Formation _____ Effective Pay _____ Ft. Ticket No. _____
 Date _____ Sec. _____ Twp. _____ Range _____ County _____ State _____
 Test Approved By _____ Diamond Representative _____

Formation Test No. _____ Interval Tested from _____ ft. to _____ ft. Total Depth _____ ft
 Packer Depth _____ ft. Size _____ in. Packer Depth _____ ft. Size _____ in.
 Packer Depth _____ ft. Size _____ in. Packer Depth _____ ft. Size _____ in.
 Depth of Selective Zone Set _____ ft.

Top Recorder Depth (Inside) _____ ft. Recorder Number _____ Cap. _____ psi.
 Bottom Recorder Depth (Outside) _____ ft. Recorder Number _____ Cap. _____ psi.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ psi.

Drilling Contractor _____ Drill Collar Length _____ ft I.D. _____ in.
 Mud Type _____ Viscosity _____ Weight Pipe Length _____ ft I.D. _____ in.
 Weight _____ Water Loss _____ cc. Drill Pipe Length _____ ft I.D. _____ in.
 Chlorides _____ P.P.M. Test Tool Length _____ ft Tool Size _____ in.
 Jars: Make _____ Serial Number _____ Anchor Length _____ ft. Size _____ in.
 Did Well Flow? _____ Reversed Out _____ Surface Choke Size _____ in. Bottom Choke Size _____ in.
 Main Hole Size _____ in. Tool Joint Size _____ in.

Blow: _____

Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

Remarks _____

Time Set Packer(s) _____ Time Started off Bottom _____ Maximum Temperature _____
 Initial Hydrostatic Pressure.....(A) _____ P.S.I.
 Initial Flow Period.....Minutes _____ (B) _____ P.S.I. to (C) _____ P.S.I.
 Initial Closed In Period.....Minutes _____ (D) _____ P.S.I.
 Final Flow Period.....Minutes _____ (E) _____ P.S.I. to (F) _____ P.S.I.
 Final Closed In Period.....Minutes _____ (G) _____ P.S.I.
 Final Hydrostatic Pressure.....(H) _____ P.S.I.



Hoisington, Kansas

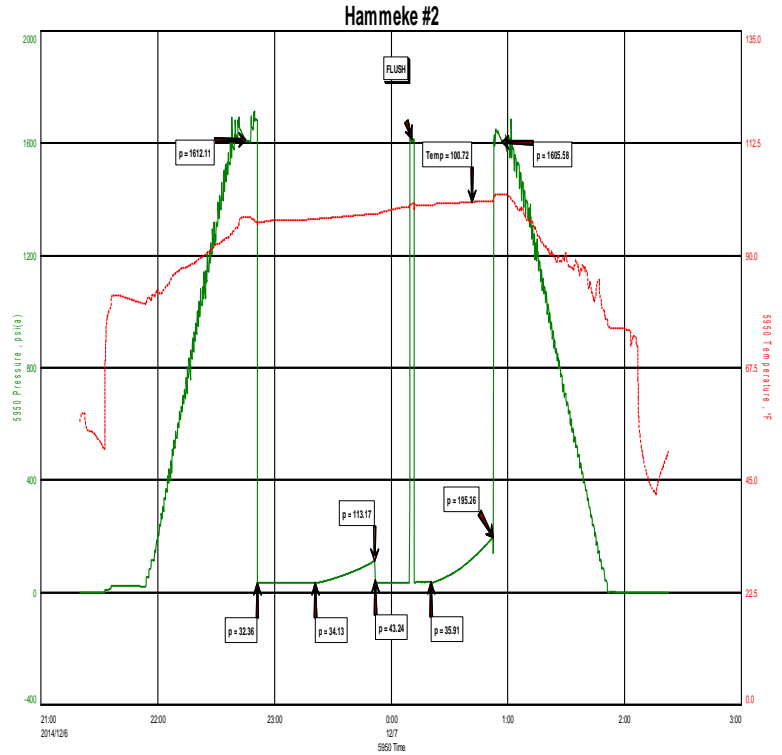
Michael Carroll
620-617-0368
carroll.dtlc@gmail.com

General Information

Company Name RJM

Contact Chris Hoffman
Well Name Hammeke #2
Unique Well ID Dst #2 Arbuckle 3342-3398'
Surface Location Sec1 3-19s-12w Barton County
Field Cheyenne View Southeast
Well Type Vertical
Test Type Drill Stem Test
Well Operator RJM

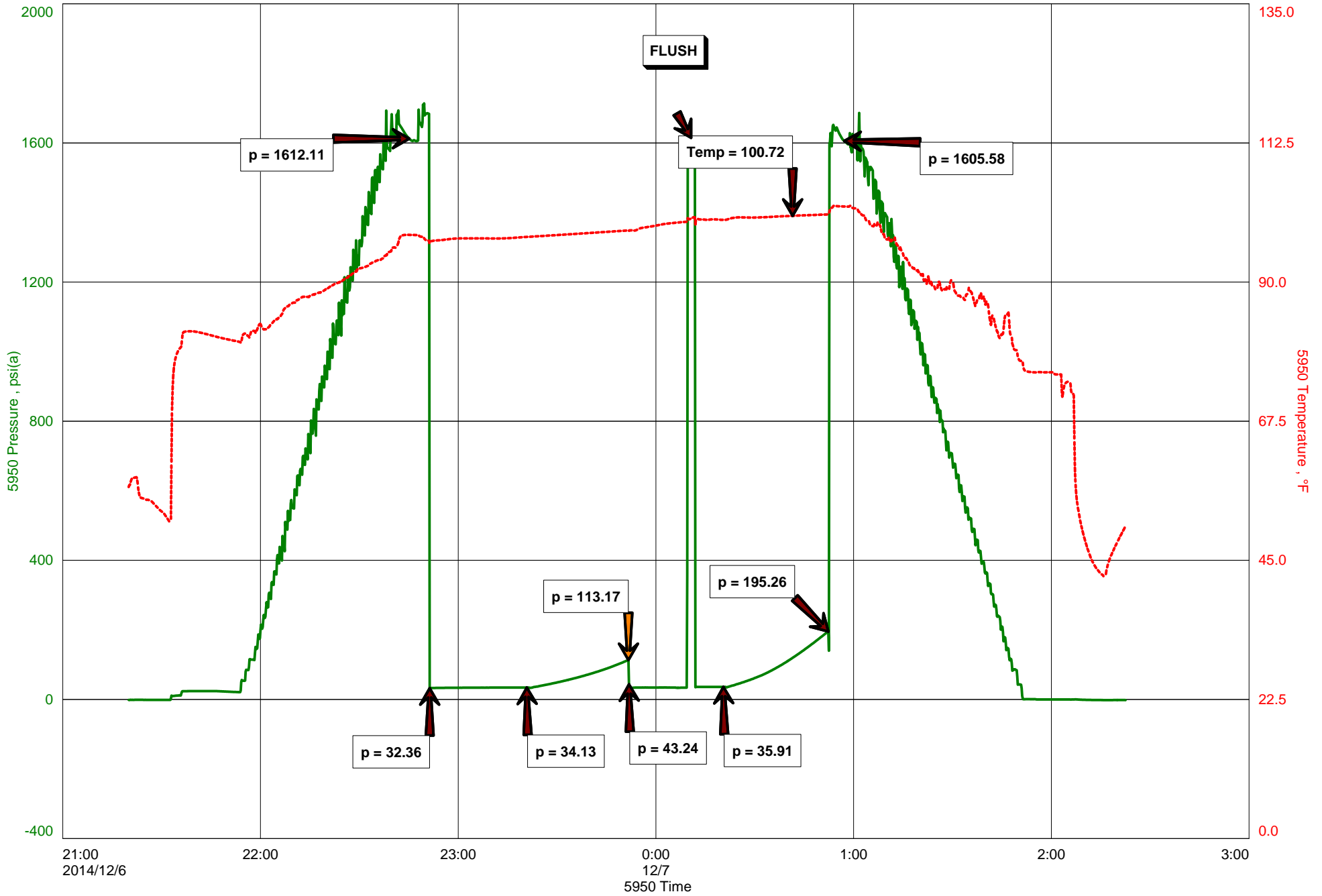
Formation Dst #2 Arbuckle 3342-3398'
Well Fluid Type 01 Oil
Test Purpose Initial Test
Start Test Date 2014/12/06
Start Test Time 21:20:00
Final Test Time 02:23:00
Job Number P0026
Report Date 2014/12/06
Prepared By Michael Carroll



TEST RECOVERY

Remarks Recovery: 7' MUD 100% M
 Total Fluid: 7'
 Tool Sample: 1% O 99% M

Hammeke #2





Company _____ Lease & Well No. _____
 Elevation _____ Formation _____ Effective Pay _____ Ft. Ticket No. _____
 Date _____ Sec. _____ Twp. _____ Range _____ County _____ State _____
 Test Approved By _____ Diamond Representative _____

Formation Test No. _____ Interval Tested from _____ ft. to _____ ft. Total Depth _____ ft
 Packer Depth _____ ft. Size _____ in. Packer Depth _____ ft. Size _____ in.
 Packer Depth _____ ft. Size _____ in. Packer Depth _____ ft. Size _____ in.
 Depth of Selective Zone Set _____ ft.

Top Recorder Depth (Inside) _____ ft. Recorder Number _____ Cap. _____ psi.
 Bottom Recorder Depth (Outside) _____ ft. Recorder Number _____ Cap. _____ psi.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ psi.

Drilling Contractor _____ Drill Collar Length _____ ft I.D. _____ in.
 Mud Type _____ Viscosity _____ Weight Pipe Length _____ ft I.D. _____ in.
 Weight _____ Water Loss _____ cc. Drill Pipe Length _____ ft I.D. _____ in.
 Chlorides _____ P.P.M. Test Tool Length _____ ft Tool Size _____ in.
 Jars: Make _____ Serial Number _____ Anchor Length _____ ft. Size _____ in.
 Did Well Flow? _____ Reversed Out _____ Surface Choke Size _____ in. Bottom Choke Size _____ in.
 Main Hole Size _____ in. Tool Joint Size _____ in.

Blow: _____

Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

Remarks _____

Time Set Packer(s) _____ Time Started off Bottom _____ Maximum Temperature _____
 Initial Hydrostatic Pressure.....(A) _____ P.S.I.
 Initial Flow Period.....Minutes _____ (B) _____ P.S.I. to (C) _____ P.S.I.
 Initial Closed In Period.....Minutes _____ (D) _____ P.S.I.
 Final Flow Period.....Minutes _____ (E) _____ P.S.I. to (F) _____ P.S.I.
 Final Closed In Period.....Minutes _____ (G) _____ P.S.I.
 Final Hydrostatic Pressure.....(H) _____ P.S.I.



Hoisington, Kansas

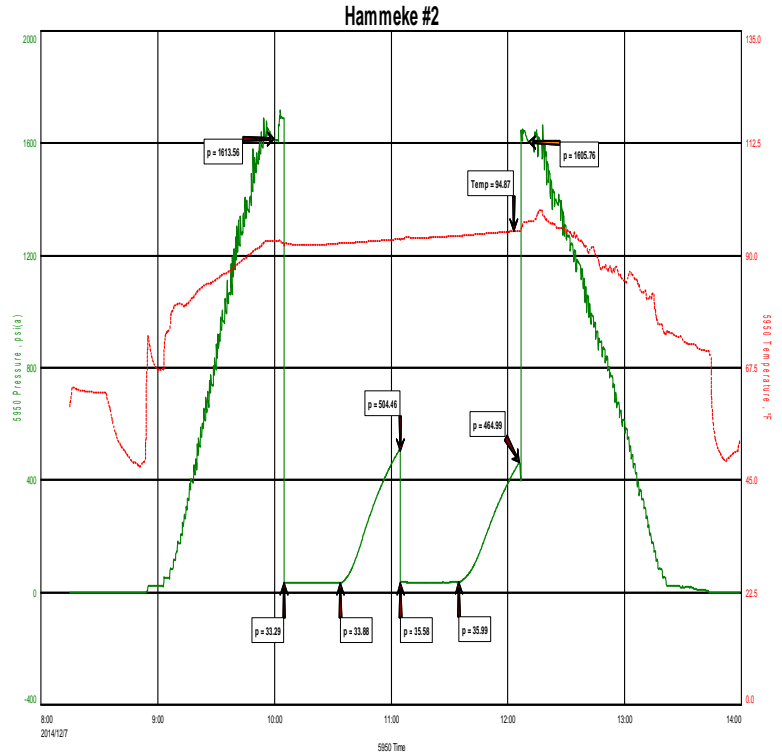
Michael Carroll
620-617-0368
carroll.dtlc@gmail.com

General Information

Company Name RJM

Contact Chris Hoffman
Well Name Hammeke #2
Unique Well ID Dst #3 Arbuckle 3342-3407'
Surface Location Sec 13-19s-12w Barton County
Field Cheyenne View Southeast
Well Type Vertical
Test Type Drill Stem Test
Well Operator RJM

Formation Dst #3 Arbuckle 3342-3407'
Well Fluid Type 01 Oil
Test Purpose Initial Test
Start Test Date 2014/12/07
Start Test Time 08:15:00
Final Test Time 13:59:00
Job Number P0027
Report Date 2014/12/07
Prepared By Michael Carroll



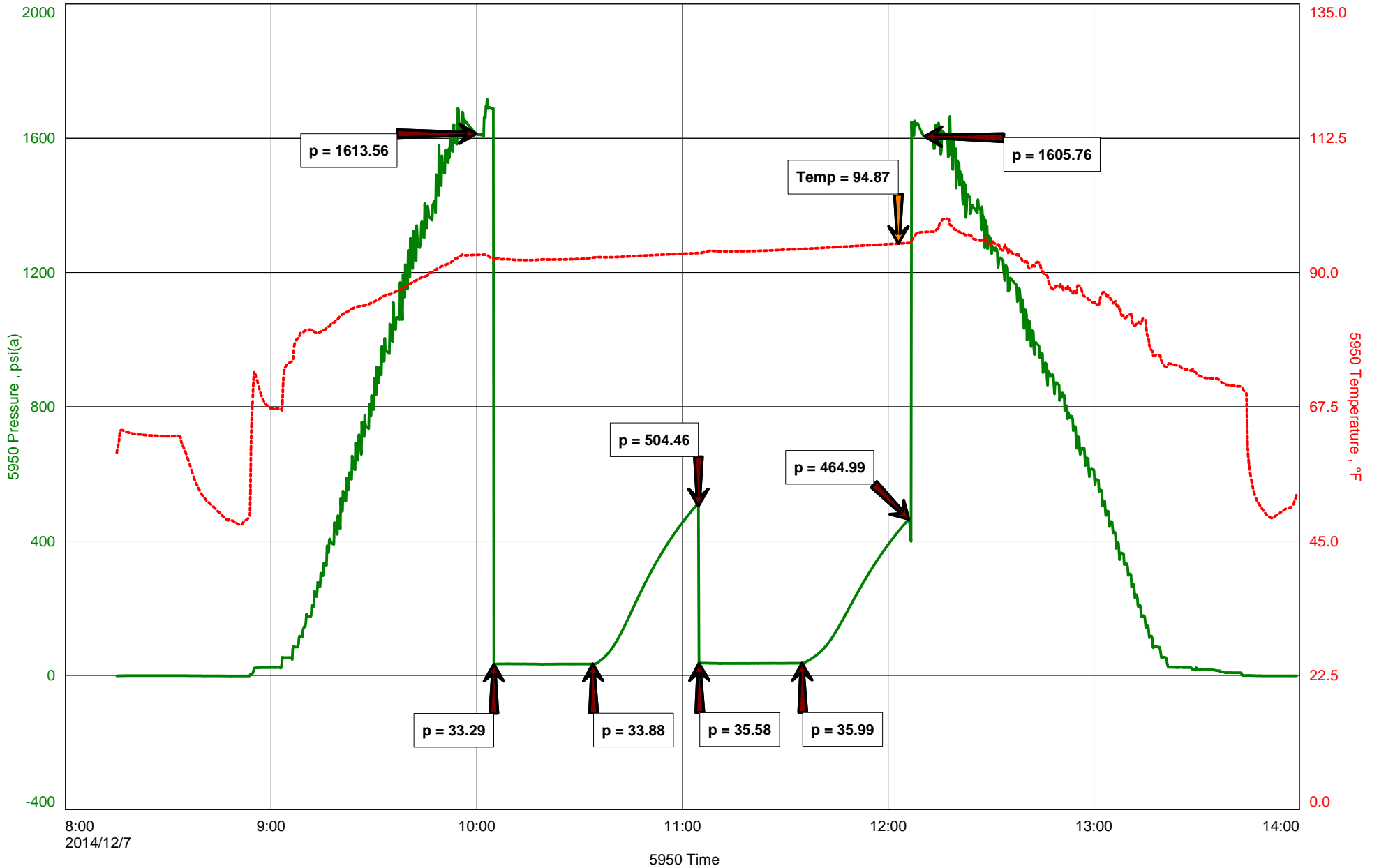
TEST RECOVERY

Remarks Recovery: 20' OCM 25% O 75% M
Total Fluid: 20'
Tool Sample: 10% O 90% M

RJM
Dst #3 Arbuckle 3342-3407'
Start Test Date: 2014/12/07
Final Test Date: 2014/12/07

Hammeke #2
Formation: Dst #3 Arbuckle 3342-3407'
Pool: Infield
Job Number: P0027

Hammeke #2





Musgrove

Petroleum Geology
212 Main Street, Claflin KS

Geologist's Report

Company: RJM Company, Inc. / Robl Six

Lease: Hammeke #2

Field: Cheyenne View Southeast

Surface Location: NW-SW-NW-SE (1750' FSL & 2750' FWL)

Sec: 13 Twp: 19S Rge: 12W

County: Barton State: Kansas

GL: 1803' KB: 1812'

Contractor: Southwind Drilling Rig #2

Spud: 12/1/14 Comp: 12/8/14

RTD: 3675' LTD: 3675'

Mud Up: +/- 2700' Mud Type: Chemical Displaced

Drilling Time Kept From: 2800' to RTD

Samples Saved From: 2800' to RTD

Samples Examined: 2800' to RTD

Geological Supervision: 2800' to RTD

Geologist on Well: Kurt Talbott

Surface Casing: 8 5/8"@ 361'

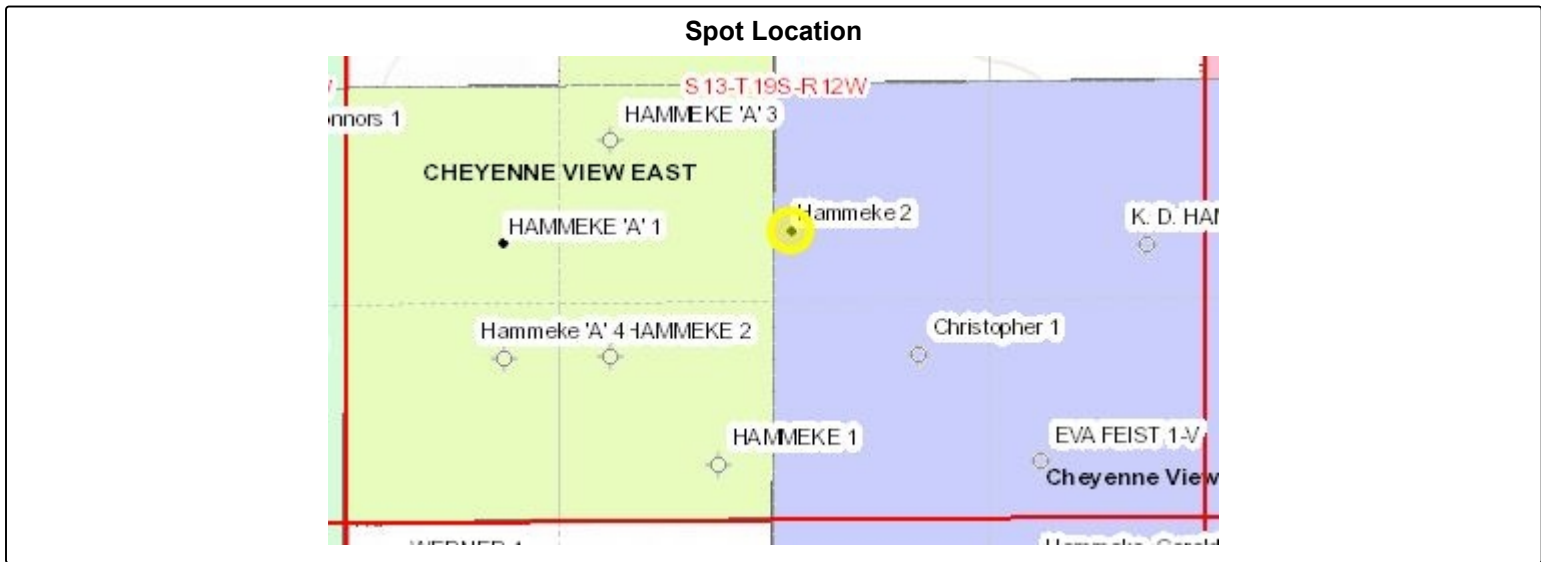
Production Casing: 5 1/2" @ 3463'

Wireline Logs: None

Well Comparison

FORMATION	WELL BEING DRILLED RJM HAMMEKE #2 1812 KB		OFFSET RJM HAMMEKE #1 1824 KB	
	MD	LD SS	LD	SS
ANHYDRITE			631	1193
BASE ANHYDRITE			658	1166
HEEBNER	2975	-1163	2975	-1151
TORONTO	2992	-1180	2995	-1171
DOUGLAS	3008	-1196	3011	-1187
BROWN LIME	3090	-1278	3093	-1201
LANSING	3106	-1294	3108	-1269

BASE KC			3358	-1534
ARBUCKLE	3391	-1579	3397	-1573
TOTAL DEPTH	3675	-1863	3462	-1638



NOTES

Robt Six, took over the Hammeke #2 at a depth of 3407' to covert to SWDW.

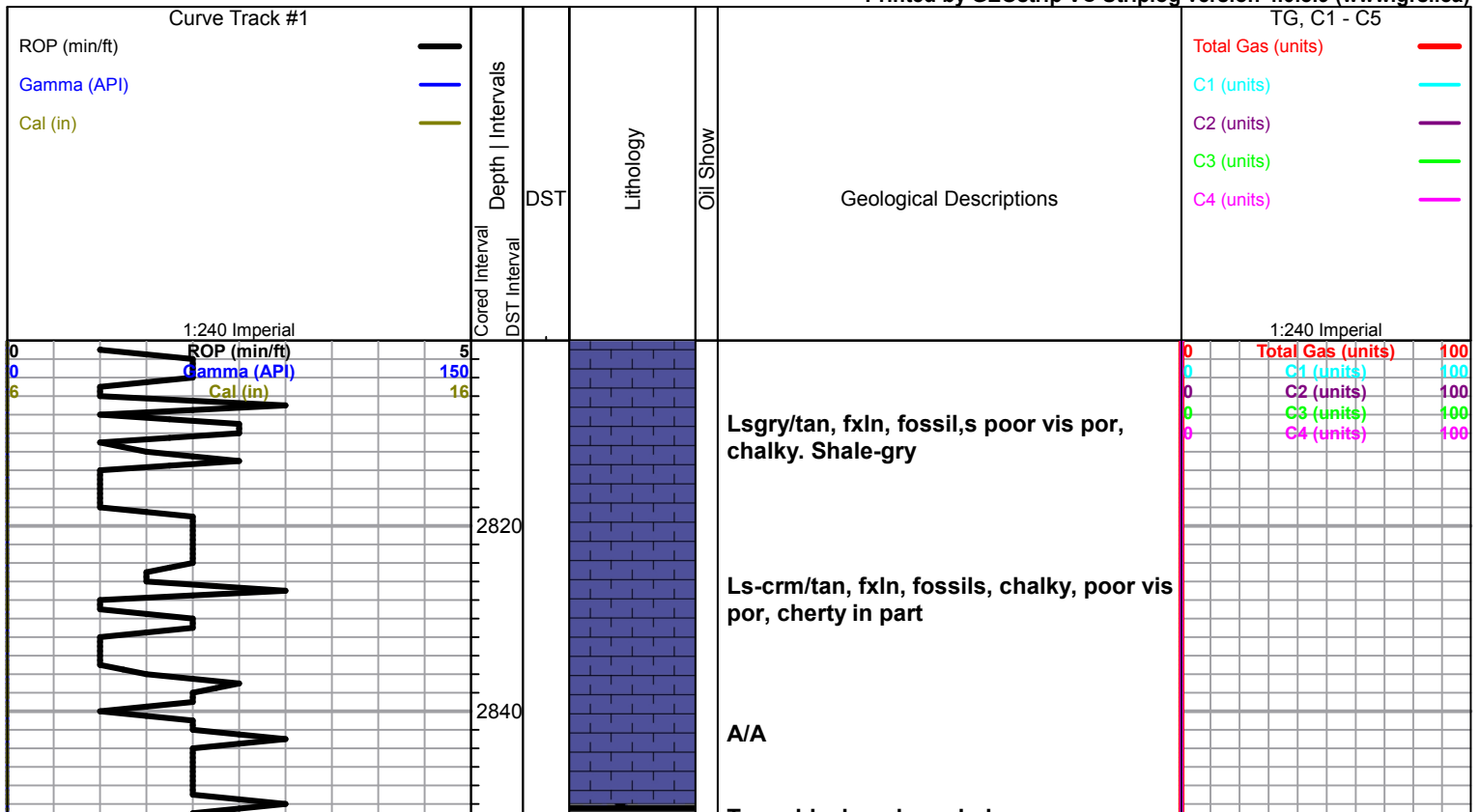
ROCK TYPES

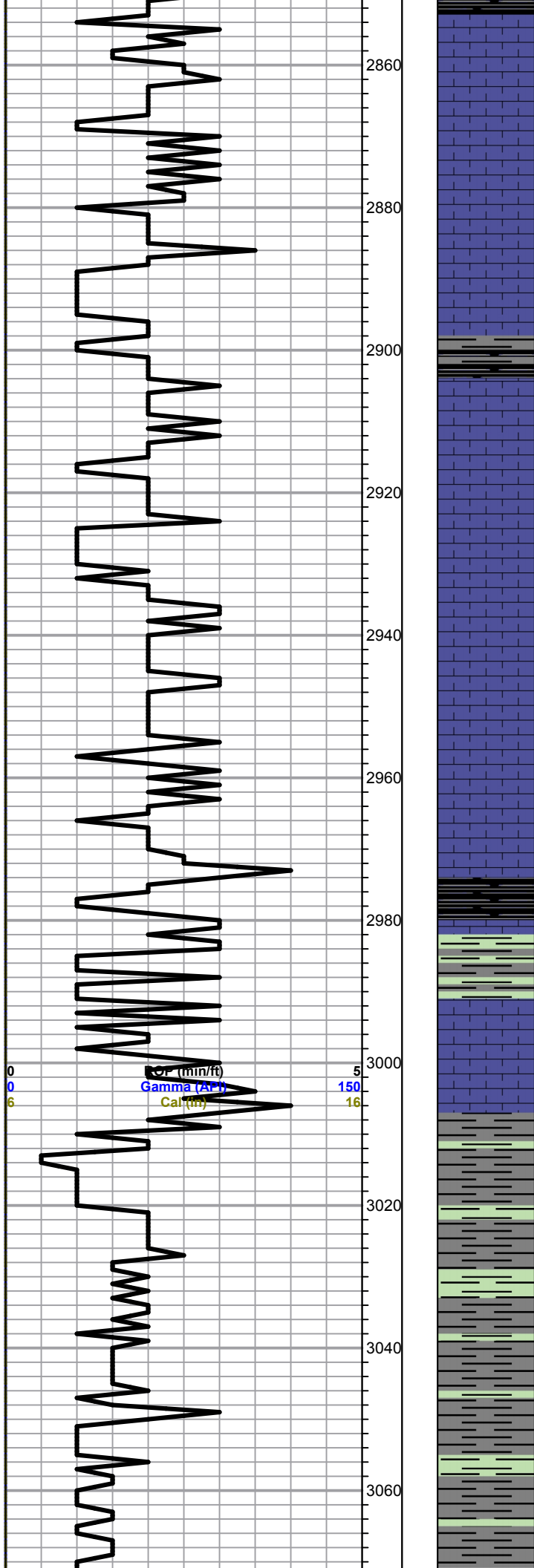
	Dolprim		shale, gm		Carbon Sh
	Lmst fw<7		shale, gry		

OTHER SYMBOLS

EVENTS	INTERVALS	DST
⌋ Casing Shoe	■ Core	■ DST Int
▽ RTF	○ DST	■ DST alt
▶ Sidewall		
▲ Left Casing Shoe		
▼ Right Casing Shoe		

Printed by GEOstrip VC Striplog version 4.0.8.9 (www.grsi.ca)





Trace black carbon shale

Ls-crm/lt gry, fxln, fossils/ool, poor vis por, slightly chalky

A/A

Ls-crm/lt gry/wht, fxln, fossils, granular in part, scattered iner xln por, chalky

Shale-gry/blk

Ls-wht/crm, fxln, few fossil,s scattered iner ool to oom por, chalky

Ls-crm/wht/lt gry, fxln, fossils/ool, fair iner ool to oom por, cherty

Ls-lt gry/crm, fxln, ool/fossils, poor scattered por, chert-gry/tan

Ls-crm/tan, fxln, fossils, poor vis por, cherty in part,

Heebner 2975.0 (-1163.0)
Black carbon shale

Toronto 2992.0 (-1180.0)
Ls-wht/crm/lt gry, fxln, fossils, dense, cherty in part, poor vis por,

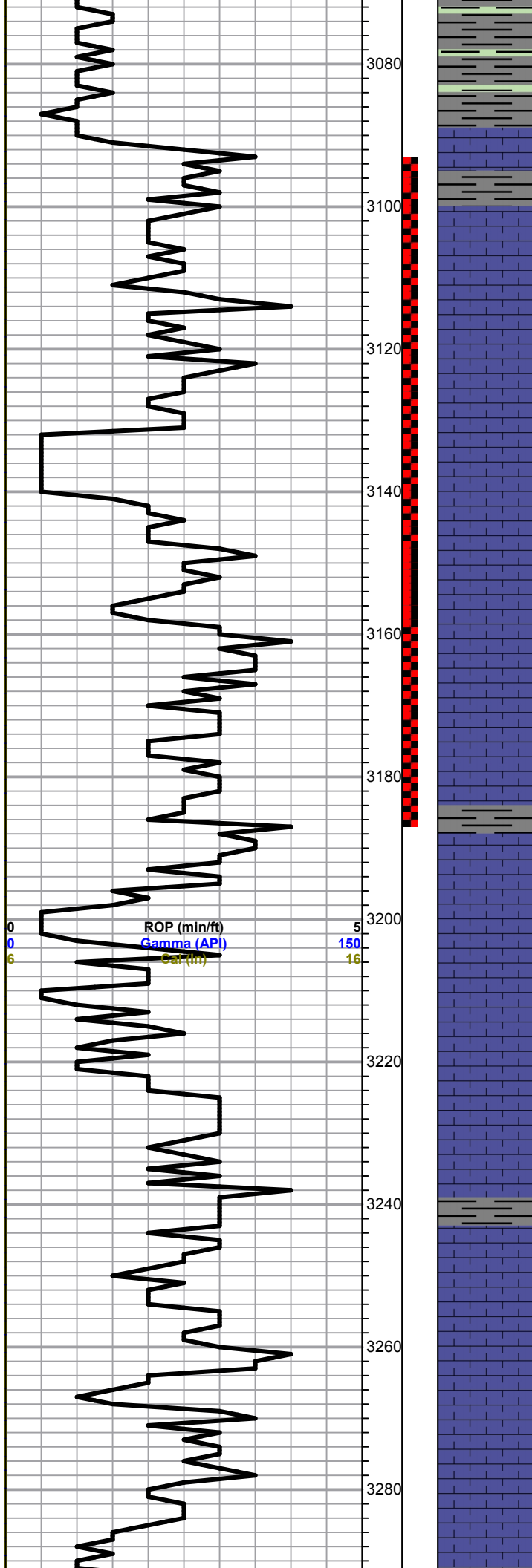
Douglas 3008.0 (-1196.0)

Shale-gry/grn-soft-mica

Trace sand-very fine grained, poor vis por, friable, mica,

Shale-gry/grn- soft

0	Total Gas (units)	100
0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	100
0	C4 (units)	100



A/A

Brown Lime 3090.0 (-1278.0)

Ls-tan/buff, fxln, dense, poor vis por, cherty in part

Lansing 3106.0 (-1294.0)

Ls-crm/tan, fxln, slightly ool, poor inner xln por, spotty dark brown stains, TrSFO, faint odor, slightly chalky

Ls-wht/crm, fxln, ool, good oom por, dark brown stains, Trace to Fair SFO, fair odor, slightly chalky

Ls-crm/tan, fxln, ool, poor inner ool to sub oom por, trace dark brown stains, TrSFO, faint odor, chalky

Ls-crm/lt gry, fxln, ool, fair sub oom to oom por, trace stains, TrSFO, fair odor,

Ls-crm/wht, fxln, ool, fair ppt to inner xln por, trace stains, TrSFO, faint to fair odor

Shale-gry/blk

Ls-crm/lt gry, fxln, ool, oom por, trace stains, Weak SFO, no odor, chalky

Ls-crm/tan, good oom por, barren, chalky in part

Ls-gry/tan, fxln, ool, fair oom por, poor spotty stains, NSFO, chalky
 Shale-gry/blk

Ls-gry/tan, fxln, slightly ool, scattered sub oom to oom por, no vis shows, chalky chert-boney wht/gry

Ls-crm/tan, fxln, fossils/ool, scattered inner ool to fair oom por, no vis shows, chalky

Ls-crm/tan, ool, good oom por, spotty stains, NSFO, chalky

DST #1 3093-3185
 10-30-20-30
 HF: Blow died in 2 min

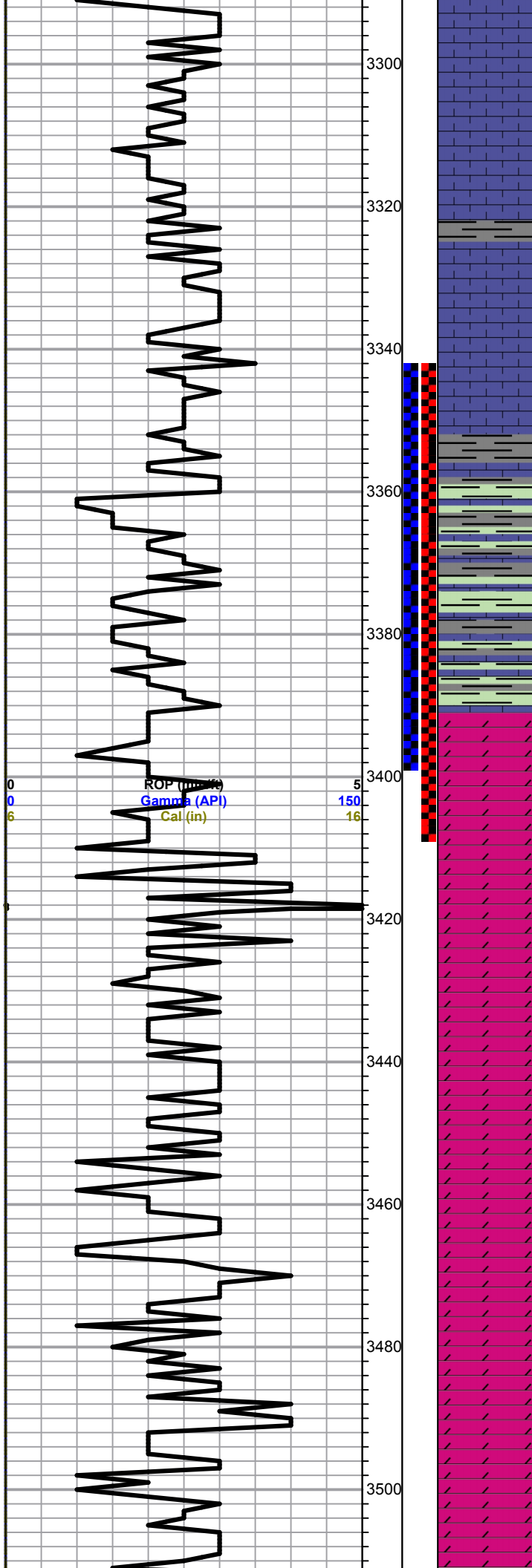
Recovery:
 156' Mud

Pressures:
 ISIP 691 psi
 FSIP 628 psi
 IEP 122 psi
 FFP 124-132 psi
 HSH 1497-1500 psi

0	Total Gas (units)	100
0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	100
0	C4 (units)	100

DST #2 3342-3398
 30-30-30-30
 IF: Died in 9 min

Recovery:



Ls-gry/tan, fxlIn, ool/few fossils, poor scattered iner xln por, cherty in part, slightly chalky

Ls-gry/tan, fxlIn, ool, poor vis por, chalky, Shale-gry

Ls-crm/lt gry, fxlIn, dense, cherty in part, poor vis por

Ls-crm/lt gry, fxlIn, ool, scattered sub oom por, trace black stains, NSFO chalky, Shale-gry/blk,

Shale-brown/maroon/green

Ls-tan, ool, oom por, no vis shows, cherty in part

Shale-gry/soft, white ool chert

Arbuckle 3391.0 (-1579.0)

Dol-tan/crm, fxlIn, sucrosic, scattered iner xln and oom por, golden to dark brown stains, broken open Fair SFO, good odor

Dol-crm/tan, fxlIn, sucrosic, poor iner xln por, dark brown stains, TrSFO, faint odor, chert-boney wht

Dol-crm/tan, sucrosic, fine to few med rhomb xln, Trace Stains, NSFO, cherty in part, pyritic in part,

Dol-tan/buff, f-med rhomb xln, poor to fair iner xln por, no vis shows, faint odor, chert-boney wht/crm

Dol-tan/buff, fxlIn, dense, poor vis por, cherty in part

Dol-wht/lt gry, fxlIn, poor iner xln por, cherty in part

Dol-wht/lt gry, fine to med rhomb xln, poor to fair iner xln por, slightly chalky

Dol-tan/buff, fine to med xln, few rhomb

Recovery:
7' mud
ISIP 113 psi
FSIP 195 psi
IFP 32-34 psi
FFP 43-36 psi
HSH 1612-1606 psi

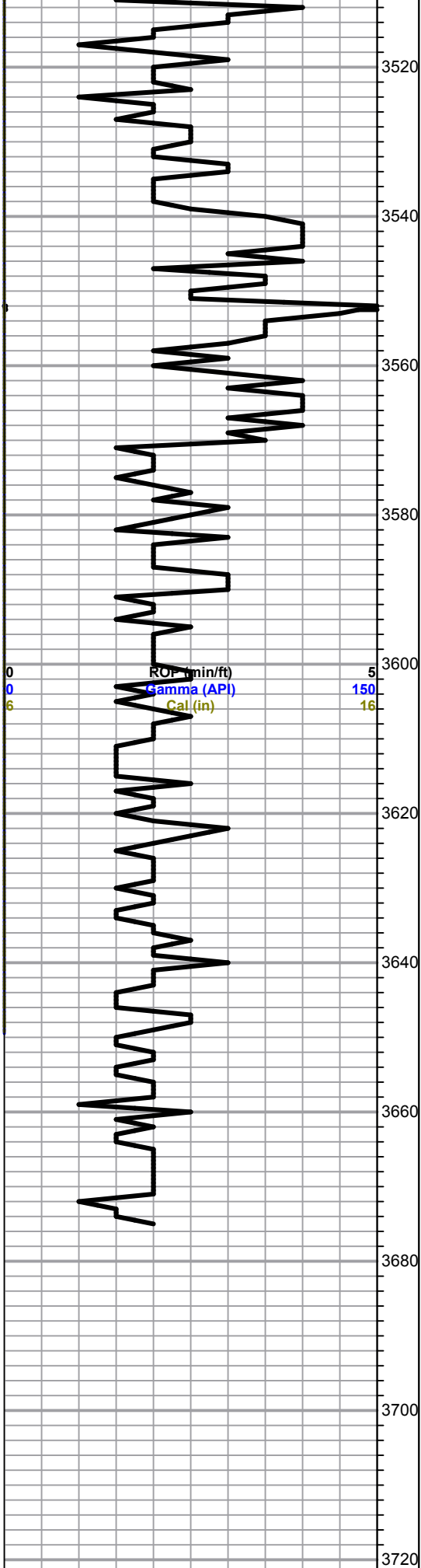
DST #3 3343-3407
30-30-30-30
HF: Built to 1"

Recovery:
20' OCM
(25% oil 75% mud)

Pressures:
ISIP 504 psi
FSIP 465 psi
IFP 33-34 psi
FFP 36 psi
HSH 1614-1606 psi

0	Total Gas (units)	100
0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	100
0	C4 (units)	100

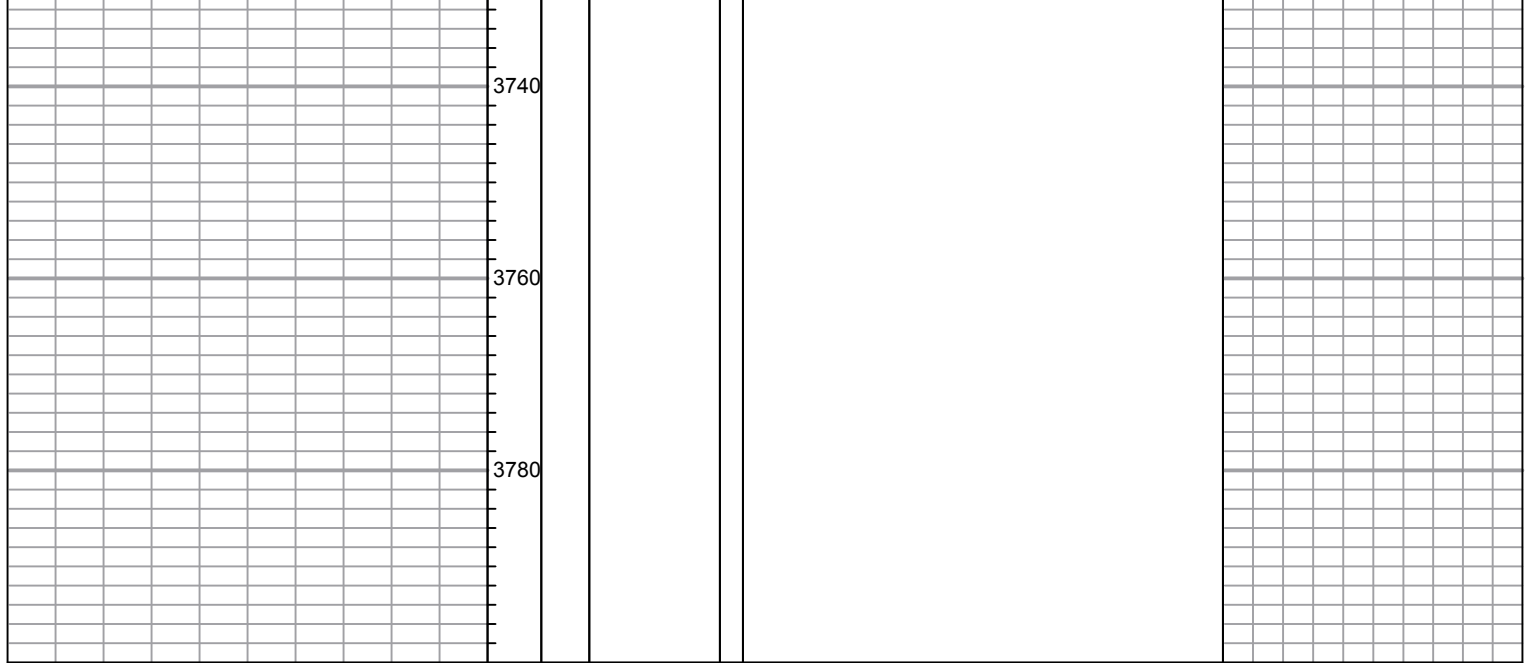
Robl Six, took over well after DST #3 to convert to SWDW



0 ROF (min/ft) 5
 0 Gamma (API) 150
 6 Cal (in) 16

xln, poor to fair iner xln to finely vug por,
 Dol-A/A fair vuggy por
 Dol-crm/buff, dense, scattered iner xln por, black stains, NSFO, cherty in part
 Dol-tan/buff, fxln, dense, poor vis por,
 Dol-wht/lt gry, fxln, poor iner xln por,
 Dol-wht/lt gry, fine to med rhomb xln, poor to fair iner xln por, chalky, glauconitic in part
 Dol-tan/gry, f-med xln, fair iner xln por, chalky, cherty
 Dol-A/A
 Dol-wht/lt gry, fine to med rhomb xln, poor iner xln to vuggy por, chalky, cherty
 Dol-wht, fine to med rhomb xln, fair iner xln to vug por, chalky
Total Depth 3675.0 (-1863.0)

0 Total Gas (units) 100
 0 C1 (units) 100
 0 C2 (units) 100
 0 C3 (units) 100
 0 C4 (units) 100



QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

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

No. 894

Date	12-2-14	Sec.	13	Twp.	19	Range	12	County	Barton	State	Ks	On Location		Finish	3:00 AM
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Location Ellinwood, Ks - Northwest edge, 2 1/4 N

Lease Hammeke Well No. 2 Owner Winto

Contractor Southwind #2 To Quality Oilwell Cementing, Inc.
You are hereby requested to rent cementing equipment and furnish
cementer and helper to assist owner or contractor to do work as listed.

Type Job Surface Charge To RJM Company

Hole Size 12 1/4" T.D. 366' Csg. 8 5/8" Depth 366' Street

Tbg. Size Depth City State

The above was done to satisfaction and supervision of owner agent or contractor.

Cement Left in Csg. 15' Shoe Joint 15' Cement Amount Ordered 275 Common 3%CC

Meas Line Displace 22 BUS 2% Gel 1/2# Flo-seal

EQUIPMENT

Pumptrk	5	No.	Cementer	David	Poz. Mix
Bulktrk	9	No.	Helper		Gel.
Bulktrk	p.m.	No.	Driver	Doug	Calcium
			Driver	Rick	

JOB SERVICES & REMARKS

Remarks: Cement did Circulate

Rat Hole

Mouse Hole

Centralizers

Baskets

D/V or Port Collar

Hulls

Salt

Flowseal 137#

Kol-Seal

Mud CLR 48

CFL-117 or CD110 CAF 38

Sand

Handling 291

Mileage

FLOAT EQUIPMENT

Guide Shoe

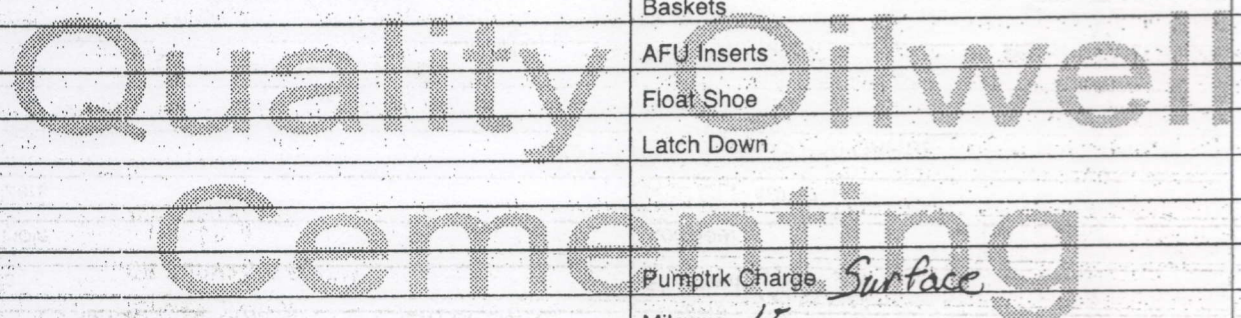
Centralizer

Baskets

AFU Inserts

Float Shoe

Latch Down



Pumptrk Charge Surface

Mileage 15

X Signature William Anderson

Tax	
Discount	
Total Charge	