KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1158710

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 34674
Name: H & D Exploration LLC
Address 1: 165 WEST 1st
Address 2: PO BOX 387
City: HOISINGTON State: KS Zip: 67544 + ____
Contact Person: Gerald Achatz
Phone: (620) 282-9086
CONTRACTOR: License # 33350
Name: Southwind Drilling, Inc.
Wellsite Geologist: James C. Musgrove
Purchaser: ____

Designate Type of Completion:

- [x] New Well
- [ ] Re-Entry
- [ ] Workover

- [ ] Oil
- [ ] WSW
- [ ] SWD
- [ ] SIOW
- [ ] Gas
- [x] 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
- [ ] Conv. to GSW
- [ ] Plug Back: ____ Plug Back Total Depth
- [ ] Commingled Permit #: ____
- [ ] Dual Completion Permit #: ____
- [ ] SWD Permit #: ____
- [ ] ENHR Permit #: ____
- [ ] GSW Permit #: ____

07/09/2013	07/27/2013	07/27/2013
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-185-23817-00-00
Spot Description: ____
SW - NW - NE - NW Sec. 20 Twp. 25 S. R. 12 [ ] East [x] West
358 Feet from [x] North / [ ] South Line of Section
1331 Feet from [ ] East / [x] West Line of Section
Footages Calculated from Nearest Outside Section Corner:
[ ] NE [x] NW [ ] SE [ ] SW
County: Stafford
Lease Name: Walrafen Well #: 1
Field Name: ____
Producing Formation: Lansing
Elevation: Ground: 1891 Kelly Bushing: 1901
Total Depth: 4270 Plug Back Total Depth: ____
Amount of Surface Pipe Set and Cemented at: 716 Feet
Multiple Stage Cementing Collar Used? [ ] Yes [x] 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: 1000 ppm Fluid volume: 0 bbls
Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:

Operator Name: Paul's Oilfield Service
Lease Name: Jordon License #: 3911
Quarter NE Sec. 26 Twp. 24 S. R. 12 [ ] East [x] West
County: Stafford Permit #: 15265

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

- [ ] Letter of Confidentiality Received
  Date: ____
- [ ] Confidential Release Date: ____
- [x] Wireline Log Received
- [x] Geologist Report Received
- [ ] UIC Distribution

ALT [x] I [ ] II [ ] III Approved by: Deanna Garrison Date: 09/18/2013

Side Two

1158710

Operator Name: H & D Exploration LLC Lease Name: Walrafen Well #: 1

Sec. 20 Twp. 25 S. R. 12 ☐ East ☑ West County: Stafford

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken ☑ Yes ☐ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

Electric Log Submitted Electronically ☑ Yes ☐ No
(If no, Submit Copy)

List All E. Logs Run:

Dual Induction
Compensated Density
Neutr

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

Name	Top	Datum
Attached	Attached	Attached

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
8-5/8	12.25	8.62	23	716	Common	450	3%,vv,2% gel, 1/2# flor seal

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:
☐ Perforate
☐ Protect Casing
☐ Plug Back TD
☐ Plug Off Zone

Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
-			
-			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record *(Amount and Kind of Material Used)*	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:
☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*
☐ Other *(Specify)*

PRODUCTION INTERVAL:

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	H & D Exploration LLC
Well Name	Walrafen 1
Doc ID	1158710

Tops

Name	Top	Datum
Heebner	3425	-1524
Toronto	3439	-1538
Douglas	3471	-1570
Brown Lime	3583	-1682
Lansing	3606	-1705
Base KC	3895	-1994
Mississippi	4016	-2115
Viola	4058	-2157
Simpson Shale	4147	-2246
Simpson Sand	4178	-2277
Arbuckle	4125	-2314

Musgrove PETROLEUM CORPORATION
Claflin, Kansas

COMPANY: H&D Exploration LLC

LEASE: Walrafen #1

FIELD: wildcat

LOCATION: SW-NW-NE-NW 358' FNL & 1331' FWL

SEC: 20 TWSP: 25s RGE: 12w

COUNTY: Stafford STATE: Kansas

KB: 1901 GL: 1891

API # 15-185-23817-00-00

CONTRACTOR: Southwind Drilling Company (Rig #8)

Spud: 07-09-2013 Comp: 07-27-2013

RTD: 4270' LTD: 4274'

Mud Up: 2800' Type Mud: Chemical was displaced

Samples Saved From: 3200'to RTD
Drilling Time Kept From: 3200'to RTD
Samples Examined From: 3200'to RTD
Geological Supervision From: 3300'to RTD
Geologist on Well: Josh Austin

Surface Casing: 8 5/8" @ 717'
Production Casing: none D&A

Electronic Surveys: By Pioneer Energy Services

NOTES

On the basis of the poor structural position, lack of shows and after reviewing the electric log, it was recommended by all parties involved in the Walrafen #1 that it be plugged and abandoned at the rotary total depth 4270

H&D Exploration, LLC

Sample and Log Tops

	DRILLING WELL Walrafen #1 SW-NW-NE-NW Sec: 20 Twp:25s Rge: 12w 1901 KB			
Formation	Sample	Sub-Sea	Log	Sub-Sea
Heebner	3419	-1518	3425	-1524
Toronto	3442	-1541	3439	-1538
Douglas	3466	-1565	3471	-1570
Brown Lime	3579	-1678	3583	-1682
Lansing	3601	-1700	3606	-1705
Base KC	3892	-1991	3895	-1994
Mississippi	4007	-2106	4016	-2115
Viola	4056	-2155	4058	-2157
Simpson Shale	4143	-2242	4147	-2246
Simpson Sand	4173	-2272	4178	-2277
Arbuckle	4210	-2309	4215	-2314
Total Depth	4270	-2369	4274	-2373

DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: WLRFN1DST1

TIME ON: 2025 (7/24)
TIME OFF: 0525 (7/25)

Company H & D EXPLORATION LLC — Lease & Well No. WALRAFEN #1
Contractor SOUTHWIND DRILLING, INC. RIG 8 — Charge to H & D EXPLORATION LLC
Elevation 1901 KB — Formation LANSING B-F — Effective Pay — Ft. — Ticket No. M525
Date 7/24/2013 — Sec. 20 — Twp. 25 S — Range 12 W — County STAFFORD — State KANSAS
Test Approved By JOSH AUSTIN — Diamond Representative MIKE COCHRAN

Formation Test No 1 Interval Tested from 3616 ft. to 3704 ft. Total Depth 3704 ft.

Packer Depth 3611 ft. Size 6 3/4 in. Packer depth N/A ft. Size 6 3/4 in.

Packer Depth 3616 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 3603 ft. Recorder Number 0063 Cap. 3603 P.S.I.

Bottom Recorder Depth (Outside) 3701 ft. Recorder Number 6884 Cap. 6,275 P.S.I.

Below Straddle Recorder Depth ft. Recorder Number Cap. P.S.I.

Mud Type CHEM Viscosity 51 Drill Collar Length 0 ft. I.D. 2 1/4 in.

Weight 9.3 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in

Chlorides 2,900 P.P.M. Drill Pipe Length 3591 ft. I.D. 3 1/2 in

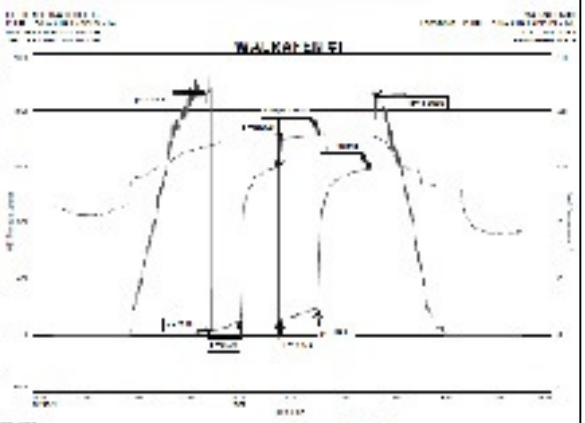
Jars: Make STERLING Serial Number N/A Test Tool Length 25 ft. Tool Size 3 1/2-IF in

Did Well Flow? NO Reversed Out NO Anchor Length 88 ft. Size 4 1/2-FH in

Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. (63'DP) Bottom Choke Size 5/8 in

Blow: 1st Open: WSB, BOB 3 MIN (2"BB)

2nd Open: WSB, BOB 11 MIN (2"BB)



Recovered 1375 ft. of GIP

Recovered 60 ft. of GWM 20% GAS, 1% WTR, 79% MUD W/ A THIN SCUM OF OIL

Recovered 315 ft. of GMW 2% GAS, 98% WTR, 2% MUD

Recovered 375 ft. of TOTAL FLUID

Recovered ft. of CHLOR: 49,000 PPM

Recovered ft. of RW: 0.14 @ 72 DEG

Remarks: PH: 7.0

TOOL SAMPLE: 100% WTR W/ A FEW SPOTS OF OIL & GASSY BUBBLES

Time Set Packer(s) 11:30 P.M. A.M. P.M. Time Started Off Bottom 2:30 A.M. P.M. Maximum Temperature 114

Initial Hydrostatic Pressure		(A)	1726 P.S.I.	
Initial Flow Period	Minutes 30	(B)	26 P.S.I. to (C)	96 P.S.I.
Initial Closed In Period	Minutes 45	(D)	1200 P.S.I.	
Final Flow Period	Minutes 45	(E)	102 P.S.I. to (F)	185 P.S.I.
Final Closed In Period	Minutes 60	(G)	1187 P.S.I.	
Final Hydrostatic Pressure		(H)	1709 P.S.I.	

ROCK TYPES

Cht	Chtcongl	Lmst fw7>	Carbon Sh
Cht vari	Dolsec	shale, gry	Ss

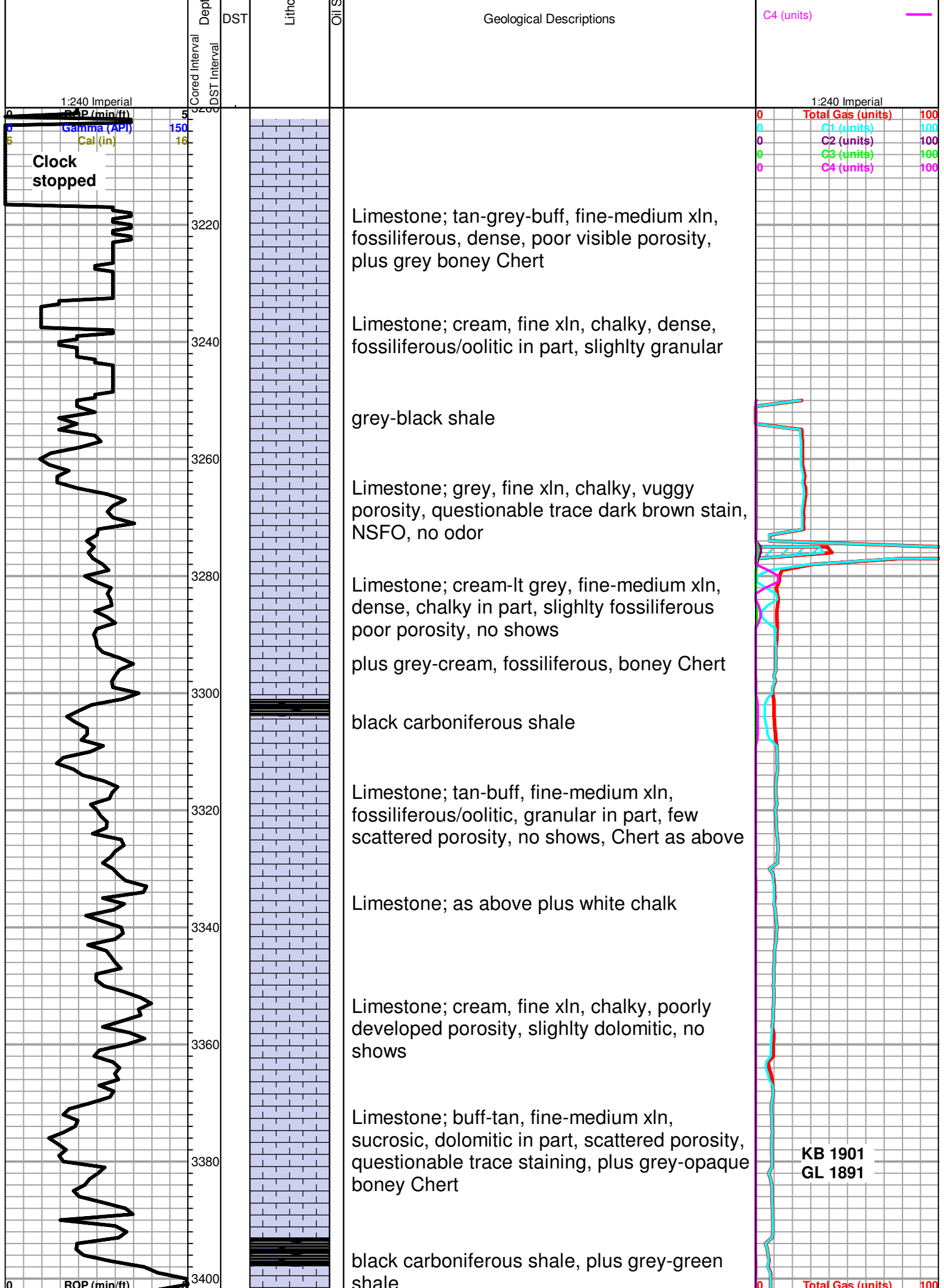
OTHER SYMBOLS

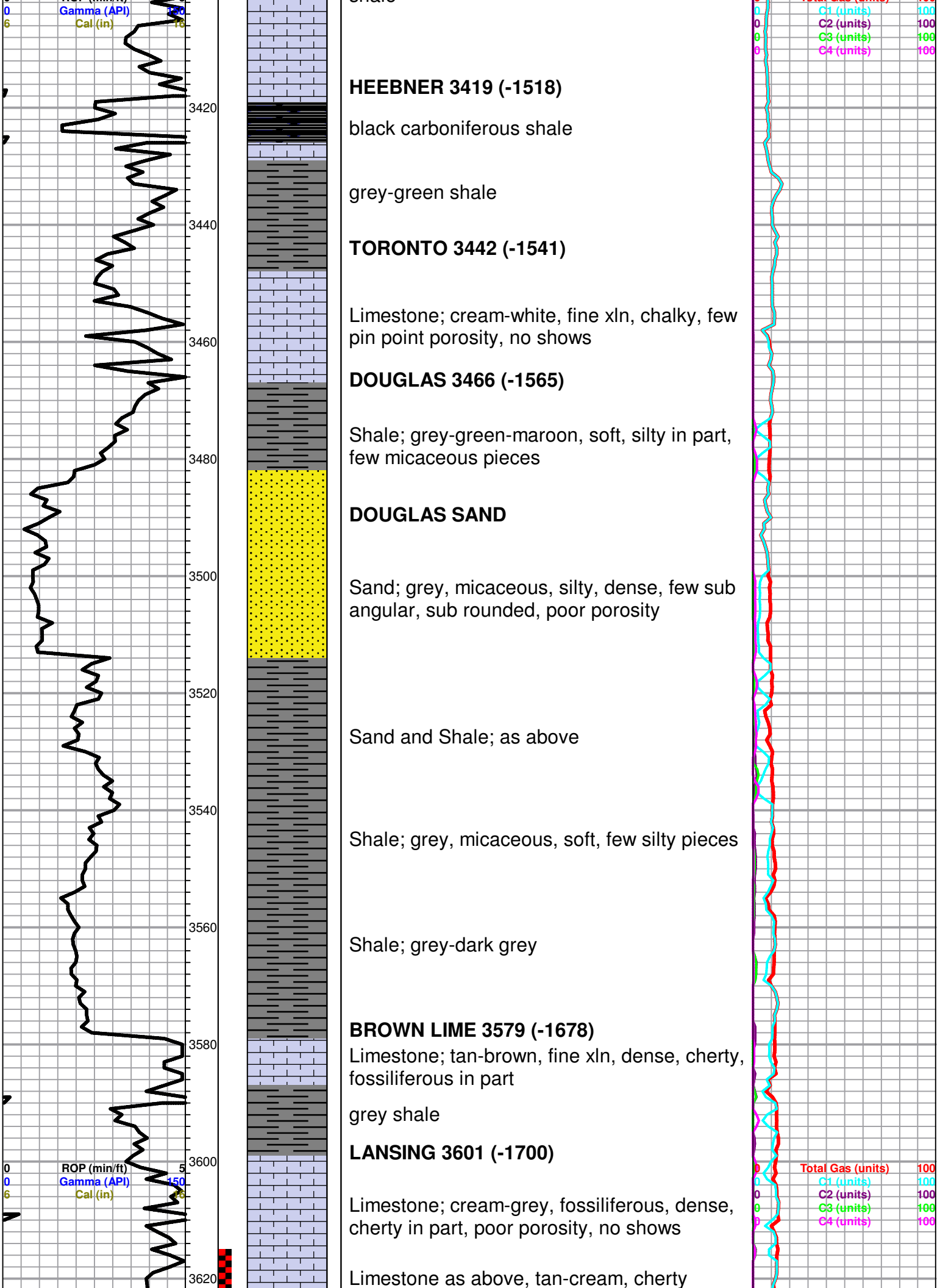
Oil Show
- Even Stn
- Spotted Stn 50-75
- Spotted Stn 25-50
- Spotted Stn 1-25
- Questionable Stn
- Dead Oil Stn
- Fluorescence
- Gas

DST
- DST Int
- DST alt
- Core
- tail pipe

Printed by GEOstrip VC Striplog version 4.0.7.0 (www.grsi.ca)

Curve Track #1						TG, C1 - C5
ROP (min/ft)	Lith | Intervals		Lithology	Oil Show		Total Gas (units)
Gamma (API)						C1 (units)
Cal (in)						C2 (units)
						C3 (units)


Depth
Cored Interval
DST Interval
DST
Litho
Oil S
Geological Descriptions
C4 (units)
1:240 Imperial
ROP (min/ft)
Gamma (API)
Cal (in)
Clock stopped
Total Gas (units)
C1 (units)
C2 (units)
C3 (units)
C4 (units)
3200
3220
3240
3260
3280
3300
3320
3340
3360
3380
3400
Limestone; tan-grey-buff, fine-medium xln, fossiliferous, dense, poor visible porosity, plus grey boney Chert
Limestone; cream, fine xln, chalky, dense, fossiliferous/oolitic in part, slighlty granular
grey-black shale
Limestone; grey, fine xln, chalky, vuggy porosity, questionable trace dark brown stain, NSFO, no odor
Limestone; cream-lt grey, fine-medium xln, dense, chalky in part, slighlty fossiliferous poor porosity, no shows
plus grey-cream, fossiliferous, boney Chert
black carboniferous shale
Limestone; tan-buff, fine-medium xln, fossiliferous/oolitic, granular in part, few scattered porosity, no shows, Chert as above
Limestone; as above plus white chalk
Limestone; cream, fine xln, chalky, poorly developed porosity, slighlty dolomitic, no shows
Limestone; buff-tan, fine-medium xln, sucrosic, dolomitic in part, scattered porosity, questionable trace staining, plus grey-opaque boney Chert
KB 1901
GL 1891
black carboniferous shale, plus grey-green shale



HEEBNER 3419 (-1518)

black carboniferous shale

grey-green shale

TORONTO 3442 (-1541)

Limestone; cream-white, fine xln, chalky, few pin point porosity, no shows

DOUGLAS 3466 (-1565)

Shale; grey-green-maroon, soft, silty in part, few micaceous pieces

DOUGLAS SAND

Sand; grey, micaceous, silty, dense, few sub angular, sub rounded, poor porosity

Sand and Shale; as above

Shale; grey, micaceous, soft, few silty pieces

Shale; grey-dark grey

BROWN LIME 3579 (-1678)

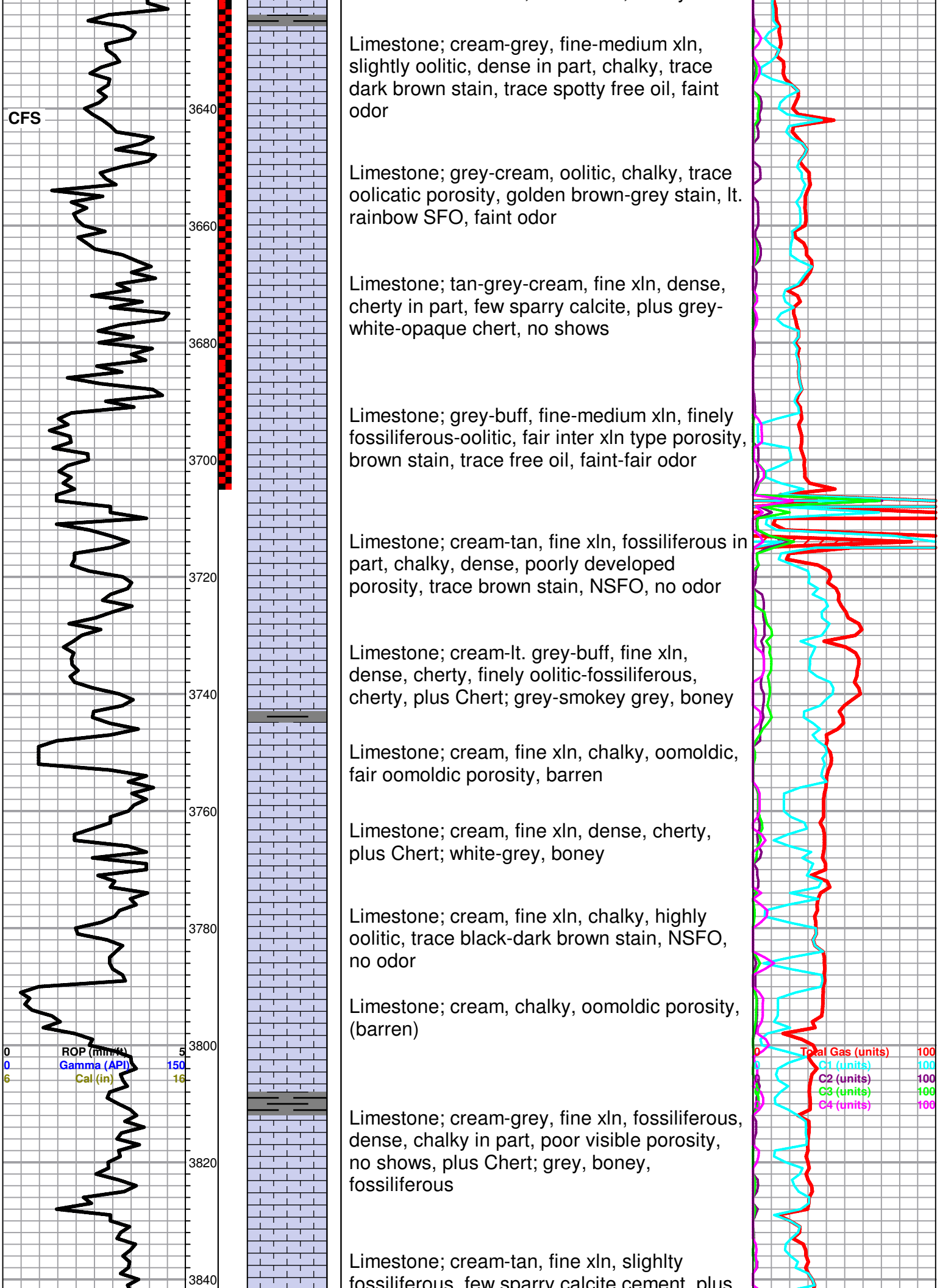
Limestone; tan-brown, fine xln, dense, cherty, fossiliferous in part

grey shale

LANSING 3601 (-1700)

Limestone; cream-grey, fossiliferous, dense, cherty in part, poor porosity, no shows

Limestone as above, tan-cream, cherty



Limestone; cream-grey, fine-medium xln, slightly oolitic, dense in part, chalky, trace dark brown stain, trace spotty free oil, faint odor

Limestone; grey-cream, oolitic, chalky, trace oolicatic porosity, golden brown-grey stain, lt. rainbow SFO, faint odor

Limestone; tan-grey-cream, fine xln, dense, cherty in part, few sparry calcite, plus grey-white-opaque chert, no shows

Limestone; grey-buff, fine-medium xln, finely fossiliferous-oolitic, fair inter xln type porosity, brown stain, trace free oil, faint-fair odor

Limestone; cream-tan, fine xln, fossiliferous in part, chalky, dense, poorly developed porosity, trace brown stain, NSFO, no odor

Limestone; cream-lt. grey-buff, fine xln, dense, cherty, finely oolitic-fossiliferous, cherty, plus Chert; grey-smokey grey, boney

Limestone; cream, fine xln, chalky, oomoldic, fair oomoldic porosity, barren

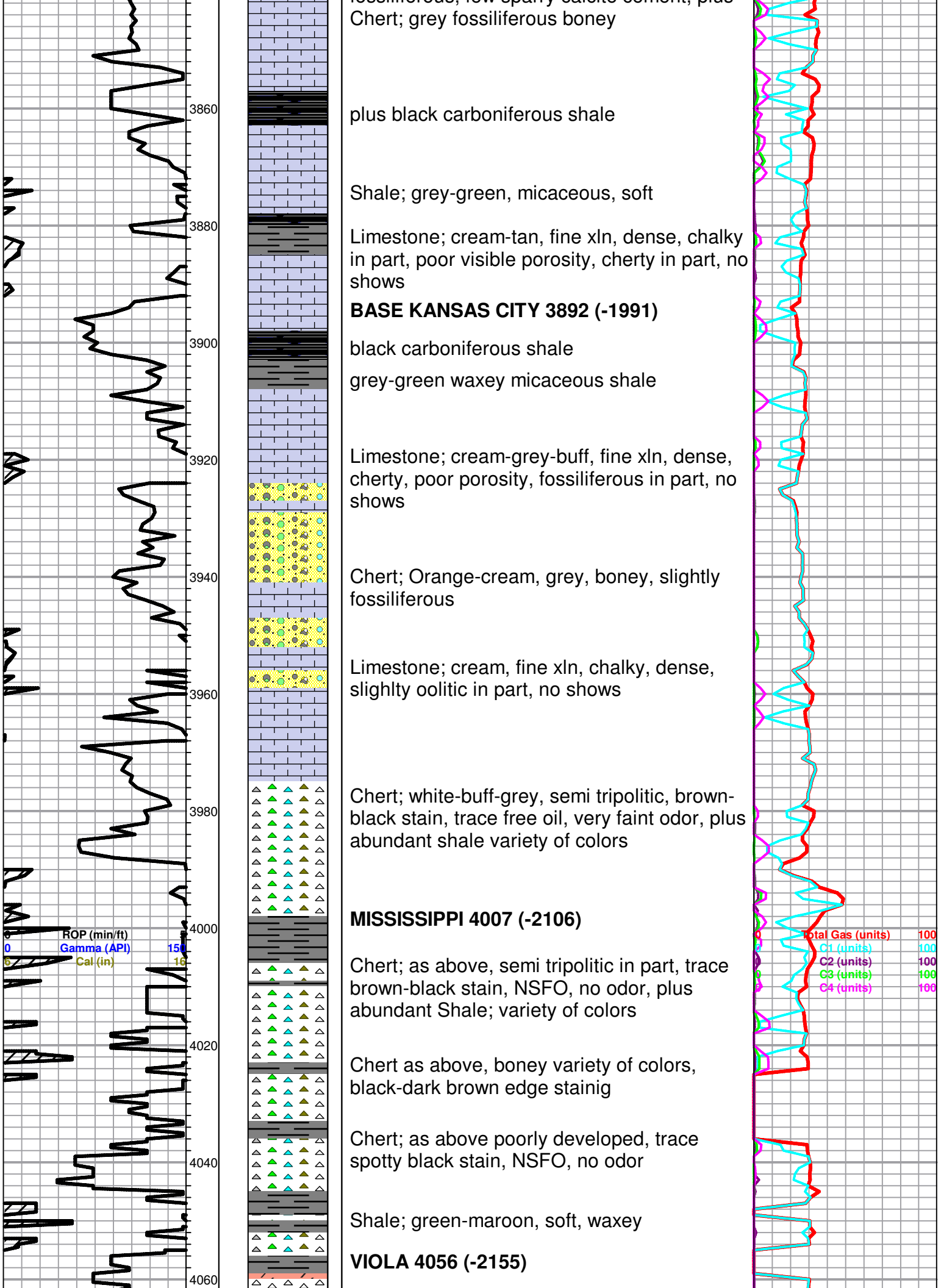
Limestone; cream, fine xln, dense, cherty, plus Chert; white-grey, boney

Limestone; cream, fine xln, chalky, highly oolitic, trace black-dark brown stain, NSFO, no odor

Limestone; cream, chalky, oomoldic porosity, (barren)

Limestone; cream-grey, fine xln, fossiliferous, dense, chalky in part, poor visible porosity, no shows, plus Chert; grey, boney, fossiliferous

Limestone; cream-tan, fine xln, slighlty fossiliferous, few sparry calcite cement, plus



Chert; grey fossiliferous boney

plus black carboniferous shale

Shale; grey-green, micaceous, soft

Limestone; cream-tan, fine xln, dense, chalky in part, poor visible porosity, cherty in part, no shows

BASE KANSAS CITY 3892 (-1991)

black carboniferous shale

grey-green waxey micaceous shale

Limestone; cream-grey-buff, fine xln, dense, cherty, poor porosity, fossiliferous in part, no shows

Chert; Orange-cream, grey, boney, slightly fossiliferous

Limestone; cream, fine xln, chalky, dense, slighlty oolitic in part, no shows

Chert; white-buff-grey, semi tripolitic, brown-black stain, trace free oil, very faint odor, plus abundant shale variety of colors

MISSISSIPPI 4007 (-2106)

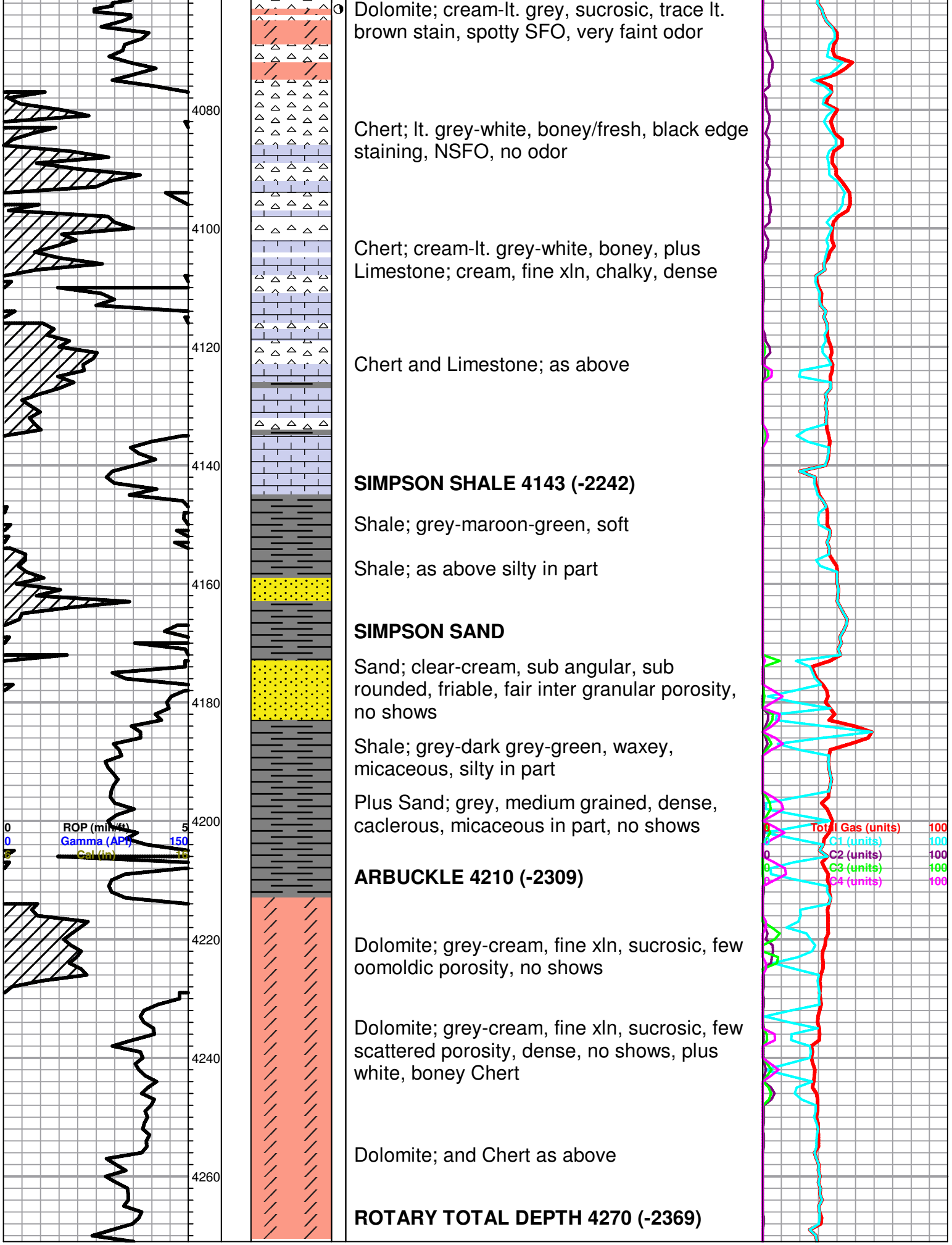
Chert; as above, semi tripolitic in part, trace brown-black stain, NSFO, no odor, plus abundant Shale; variety of colors

Chert as above, boney variety of colors, black-dark brown edge stainig

Chert; as above poorly developed, trace spotty black stain, NSFO, no odor

Shale; green-maroon, soft, waxey

VIOLA 4056 (-2155)



Dolomite; cream-lt. grey, sucrosic, trace lt. brown stain, spotty SFO, very faint odor

Chert; lt. grey-white, boney/fresh, black edge staining, NSFO, no odor

Chert; cream-lt. grey-white, boney, plus Limestone; cream, fine xln, chalky, dense

Chert and Limestone; as above

SIMPSON SHALE 4143 (-2242)

Shale; grey-maroon-green, soft

Shale; as above silty in part

SIMPSON SAND

Sand; clear-cream, sub angular, sub rounded, friable, fair inter granular porosity, no shows

Shale; grey-dark grey-green, waxey, micaceous, silty in part

Plus Sand; grey, medium grained, dense, caclerous, micaceous in part, no shows

ARBUCKLE 4210 (-2309)

Dolomite; grey-cream, fine xln, sucrosic, few oomoldic porosity, no shows

Dolomite; grey-cream, fine xln, sucrosic, few scattered porosity, dense, no shows, plus white, boney Chert

Dolomite; and Chert as above

ROTARY TOTAL DEPTH 4270 (-2369)

DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	**H & D EXPLORATION LLC**	**Job Number**	**M525**
Well Name	**WALRAFEN #1**	**Representative**	**MIKE COCHRAN**
Unique Well ID	**DST#1 3616-3704 LANSING B-F**	**Well Operator**	**H & D EXPLORATION LLC**
Surface Location	**SEC.20-25S-12W STAFFORD CO.KS.**	**Report Date**	**2013/07/25**
Field	**WILDCAT**	**Prepared By**	**MIKE COCHRAN**
Well Type	**Vertical**	**Qualified By**	**JOSH AUSTIN**
		Test Unit	**NO. 1**

Test Information

Test Type	**CONVENTIONAL**
Formation	**DST#1 3616-3704 LANSING B-F**
Test Purpose (AEUB)	**Initial Test**

Start Test Date	**2013/07/24**	**Start Test Time**	**20:25:00**
Final Test Date	**2013/07/25**	**Final Test Time**	**05:25:00**
		Well Fluid Type	**01 Oil**

Gauge Name	**0063**
Gauge Serial Number	

Test Results

Remarks **RECOVERED:**

1375' GIP
60' GWM 20% GAS, 1% WTR, 79% MUD W/ A THIN SCUM OF OIL
315' GMW 2% GAS, 96% WTR, 2% MUD
375' TOTAL FLUID

CHLOR: 49,000 PPM
PH:7.0
RW: 0.14 @ 72 DEG

TOOL SAMPLE: 100% WTR W/ A FEW SPOTS OF OIL & GASSY BUBBLES

DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313

DRILL-STEM TEST TICKET
FILE: WLRFN1DST1

TIME ON: 2025 (7/24)
TIME OFF: 0525 (7/25)

Company H & D EXPLORATION LLC — Lease & Well No. WALRAFEN #1
Contractor SOUTHWIND DRILLING, INC. RIG 8 — Charge to H & D EXPLORATION LLC
Elevation 1901 KB — Formation LANSING B-F — Effective Pay ____ Ft. — Ticket No. M525
Date 7/24/2013 — Sec. 20 — Twp. 25 S — Range 12 W — County STAFFORD — State KANSAS
Test Approved By JOSH AUSTIN — Diamond Representative MIKE COCHRAN

Formation Test No. 1 — Interval Tested from 3616 ft. to 3704 ft. — Total Depth 3704 ft.
Packer Depth 3611 ft. — Size 6 3/4 in. — Packer depth N/A ft. — Size 6 3/4 in.
Packer Depth 3616 ft. — Size 6 3/4 in. — Packer depth NA ft. — Size 6 3/4 in.
Depth of Selective Zone Set ____

Top Recorder Depth (Inside) 3603 ft. — Recorder Number 0063 — Cap. 3603 P.S.I.
Bottom Recorder Depth (Outside) 3701 ft. — Recorder Number 6884 — Cap. 6,275 P.S.I.
Below Straddle Recorder Depth ____ ft. — Recorder Number ____ — Cap. ____ P.S.I.

Mud Type CHEM — Viscosity 51 — Drill Collar Length 0 ft. — I.D. 2 1/4 in.
Weight 9.3 — Water Loss 8.8 cc. — Weight Pipe Length 0 ft. — I.D. 2 7/8 in
Chlorides 2,900 P.P.M. — Drill Pipe Length 3591 ft. — I.D. 3 1/2 in
Jars: Make STERLING — Serial Number N/A — Test Tool Length 25 ft. — Tool Size 3 1/2-IF in
Did Well Flow? NO — Reversed Out NO — Anchor Length 88 ft. — Size 4 1/2-FH in
Main Hole Size 7 7/8 — Tool Joint Size 4 1/2 XH in. — Surface Choke Size 1 in. (63'DP) — Bottom Choke Size 5/8 in

Blow: 1st Open: WSB, BOB 3 MIN (2"BB)
2nd Open: WSB, BOB 11 MIN (2"BB)

Recovered 1375 ft. of GIP
Recovered 60 ft. of GWM 20% GAS, 1% WTR, 79% MUD W/ A THIN SCUM OF OIL
Recovered 315 ft. of GMW 2% GAS, 96% WTR, 2% MUD
Recovered 375 ft. of TOTAL FLUID
Recovered ____ ft. of CHLOR: 49,000 PPM
Recovered ____ ft. of RW: 0.14 @ 72 DEG
Remarks: PH: 7.0

TOOL SAMPLE: 100% WTR W/ A FEW SPOTS OF OIL & GASSY BUBBLES

Price Job	
Other Charges	
Insurance	
Total	

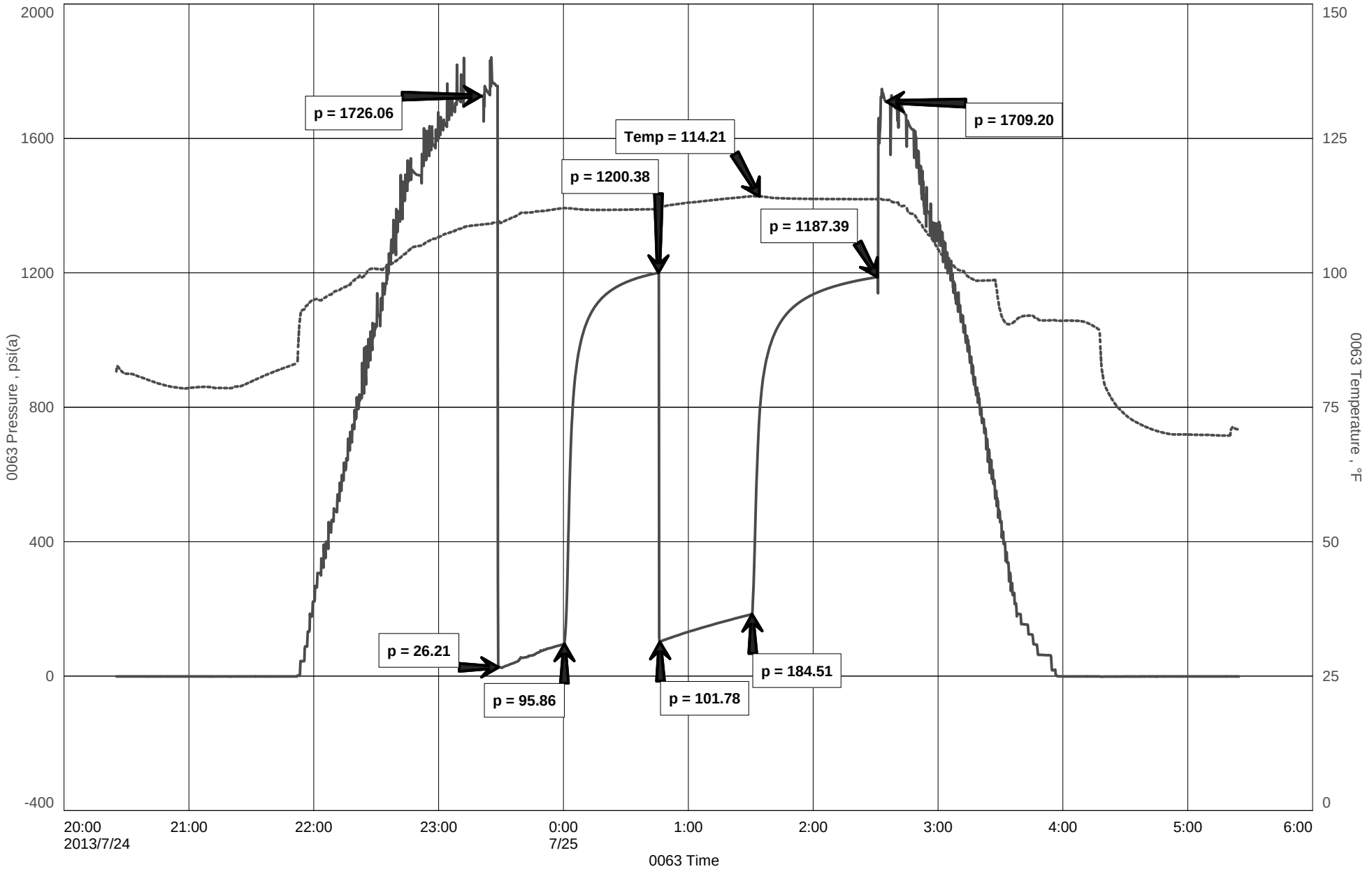
Time Set Packer(s) 11:30 P.M. A.M. P.M. — Time Started Off Bottom 2:30 A.M. A.M. P.M. — Maximum Temperature 114

Initial Hydrostatic Pressure ..... (A) 1726 P.S.I.
Initial Flow Period ..... Minutes 30 (B) 26 P.S.I. to (C) 96 P.S.I.
Initial Closed In Period ..... Minutes 45 (D) 1200 P.S.I.
Final Flow Period ..... Minutes 45 (E) 102 P.S.I. to (F) 185 P.S.I.
Final Closed In Period ..... Minutes 60 (G) 1187 P.S.I.
Final Hydrostatic Pressure ..... (H) 1709 P.S.I.

H & D EXPLORATION LLC
DST#1 3616-3704 LANSING B-F
Start Test Date: 2013/07/24
Final Test Date: 2013/07/25

WALRAFEN #1
Formation: DST#1 3616-3704 LANSING B-F
Pool: WILDCAT
Job Number: M525

WALRAFEN #1



BASIC ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET

1718 08569 A

DATE TICKET NO.

DATE OF JOB 7-29-2013 DISTRICT	NEW WELL ☒ OLD WELL ☐ PROD ☐ INJ ☐ WDW ☐ CUSTOMER ORDER NO.:
CUSTOMER H & D EXPLORATION LLC	LEASE WALRAFEN WELL NO. 1
ADDRESS	COUNTY STAFFORD STATE Ks.
CITY STATE	SERVICE CREW LESLEY, MARQUEZ, PIERSON, JONES
AUTHORIZED BY	JOB TYPE: CNW - P.T.A.

EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS
37586	3.5				
19889-19843	3.5				
19831-19862	3.5				

	DATE	AM/PM	TIME
TRUCK CALLED	7-29-13	AM	2:00
ARRIVED AT JOB		AM	3:30
START OPERATION		AM	8:00
FINISH OPERATION		AM	11:00
RELEASED		AM	11:30
MILES FROM STATION TO WELL			

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).
The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

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

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	$ AMOUNT
CP 103	60/40 POZ	SK	210		2,520 00
CC 200	CEMENT GEL	lb	362		90 50
E 100	PICKUP MILEAGE	MI	20		85 00
E 101	HEAVY EQUIPMENT MILEAGE	MI	40		280 00
E 113	BULK DELIVERY CHARGE	TM	181		289 60
CE 205	DEPTH CHARGE; 4001' - 5000'	HR	1-4		2,520 00
CE 240	BLENDING & MIXING CHARGE	SK	210		294 00
S 003	SERVICE SUPERVISOR	EA	1		175 00

SUB TOTAL $ 4,190 25

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON $	
MATERIALS	%TAX ON $	
	TOTAL	

SERVICE REPRESENTATIVE Devon Lesley	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: X

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

CLOUD LITHO - Abilene, TX