



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1169160  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
August 2013

Form must be Typed  
Form must be Signed  
All blanks must be Filled

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well  Re-Entry  Workover
- Oil  WSW  SWD  SIOW
- Gas  D&A  ENHR  SIGW
- OG  GSW  Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic  Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

- Deepening  Re-perf.  Conv. to ENHR  Conv. to SWD
- Plug Back  Conv. to GSW  Conv. to Producer
- Commingled Permit #: \_\_\_\_\_
- Dual Completion Permit #: \_\_\_\_\_
- SWD Permit #: \_\_\_\_\_
- ENHR Permit #: \_\_\_\_\_
- GSW Permit #: \_\_\_\_\_

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
-----------------------------------	-----------------	---

API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE  NW  SE  SW

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum:  NAD27  NAD83  WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Confidentiality Requested  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



1169160

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: <input type="checkbox"/> Yes <input type="checkbox"/> No
----------------	-------	---------	------------	---

Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
---	--

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

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <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> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
--	---	---

Form	ACO1 - Well Completion
Operator	Vincent Oil Corporation
Well Name	Hawes Ranch 1-22
Doc ID	1169160

All Electric Logs Run

Dual Induction
Density-Neutron
Micro-log
Sonic

Form	ACO1 - Well Completion
Operator	Vincent Oil Corporation
Well Name	Hawes Ranch 1-22
Doc ID	1169160

Tops

Name	Top	Datum
Heebner Shale	4289	(-1811)
Brown Limestone	4420	(-1942)
Lansing	4433	(-1955)
Stark Shale	4749	(-2271)
Pawnee	4962	(-2484)
Cherokee Shale	5009	(-2531)
Base Penn Limestone	5105	(-2627)
Conglomerate	5116	(-2638)
Mississippian	5134	(-2656)
RTD	5350	(-2872)

# ALLIED OIL & GAS SERVICES, LLC 059555

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:  
*Medicine Lodge, KS*

DATE <i>7-25-2013</i>	SEC <i>22</i>	TWP. <i>28S</i>	RANGE <i>23W</i>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <i>Rosen</i>	WELL # <i>1-22</i>	LOCATION <i>Forex n to Saddle Rd, 24, 25</i>			COUNTY <i>Fora</i>	STATE <i>KS</i>	
OLD OR <u>NEW</u> (Circle one)		<i>14, 15, 1/2W, S into</i>					

CONTRACTOR *Duko #1*

TYPE OF JOB *Surface*

HOLE SIZE *12 1/2* T.D. *650'*

CASING SIZE *8 5/8 28#* DEPTH *649'*

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT *42'*

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT *39 bbls of freshwater*

OWNER *Vincent Oil Co.*

CEMENT

AMOUNT ORDERED *175 sx 60' 40' 8' 0.8er*

*3% cc + 1/4 # flo seal, 100SK 01935 14*

*290cc*

COMMON	<i>100 sx @ 17.90</i>	<i>1790.00</i>
POZMIX	@	
GEL	@	
CHLORIDE	<i>8 @ 64.00</i>	<i>512.00</i>
ASC	@	
<i>ALW</i>	<i>175 sx @ 15.95</i>	<i>2791.25</i>
<i>Flo seal</i>	<i>44 @ 2.97</i>	<i>130.68</i>
	@	
	@	
	@	
	@	
	@	
	@	
HANDLING	<i>462 @ 2.48</i>	<i>1145.76</i>
MILEAGE	<i>309 / 2.60</i>	<i>803.40</i>

**EQUIPMENT**

PUMP TRUCK CEMENTER *Dustin F.*

# *471-265* HELPER *Jason F.*

BULK TRUCK

# *421-250* DRIVER *Justin B.*

BULK TRUCK

# DRIVER

**REMARKS:**

*See cement log*

*Cement & Circulate*

**SERVICE**

DEPTH OF JOB *650'*

PUMP TRUCK CHARGE *1512.25*

EXTRA FOOTAGE @

MILEAGE *35 @ 7.70* *269.50*

MANIFOLD *Hessarenty @ 200.00*

*LV 35 @ 4.40* *154.00*

@

TOTAL *7173.09*

TOTAL *2135.75*

CHARGE TO: *Vincent Oil Co.*

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**PLUG & FLOAT EQUIPMENT**

*8 5/8*

*1- Rubber Plug @ 76.25*

*1- BOPPE Plug @ 67.50*

@

@

@

TOTAL *143.75*

To: Allied Oil & Gas Services, LLC.  
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any) \_\_\_\_\_

TOTAL CHARGES *9452.59*

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

PRINTED NAME *X Mike Godfrey*

SIGNATURE *Mike Godfrey*

(NET) *6019.13*

*Thank you!!!*

# ALLIED OIL & GAS SERVICES, LLC 060558

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:  
Great Bend, KS

DATE <u>6-4-13</u>	SEC. <u>22</u>	TWP. <u>28S</u>	RANGE <u>23W</u>	CALLED OUT	ON LOCATION	JOB START <u>10:00 am</u>	JOB FINISH <u>11:00 pm</u>
LEASE <u>Hawes Ranch</u>	WELL # <u>1-22</u>	LOCATION <u>Ford, KS LN 2w 25 1w 1S</u>	COUNTY <u>Ford</u>	STATE <u>KS</u>			
OLD OR <u>NEW</u> (Circle one)			<u>1/2w Sinto</u>				

CONTRACTOR <u>Duke Drilling #1</u>	OWNER
TYPE OF JOB <u>Production</u>	CEMENT
HOLE SIZE <u>7 7/8</u> T.D.	AMOUNT ORDERED <u>50 SKS 60% class A</u>
CASING SIZE <u>4 1/2</u> DEPTH <u>5347</u>	<u>40% P02 44% 901</u>
TUBING SIZE DEPTH	<u>175 SKS ASC + 5# Kalkal + 5# fl-160 + 65# blocks</u>
DRILL PIPE <u>4 1/2</u> DEPTH	COMMON <u>30 @ 17.90 537.00</u>
TOOL DEPTH	POZMIX <u>20 @ 9.35 187.00</u>
PRES. MAX MINIMUM	GEL <u>2 @ 23.40 46.80</u>
MEAS. LINE SHOE JOINT	CHLORIDE @
CEMENT LEFT IN CSG. <u>44 ft</u>	ASC <u>175 @ 20.90 3657.50</u>
PERFS.	ASF <u>12 @ 58.70 704.40</u>
DISPLACEMENT <u>82,19 bbls KCL water</u>	Clay Pro <u>8 @ 34.40 275.20</u>
EQUIPMENT	Kalkal <u>875 @ 98 857.50</u>
	PI-1100 <u>87 @ 18.90 1649.80</u>
	Gas block <u>115 @ 18.00 2070.00</u>

PUMP TRUCK CEMENTER <u>Dustin Chambers</u>	
# <u>366</u> HELPER <u>Mike Scarhorn</u>	
BULK TRUCK	
# <u>610-112</u> DRIVER <u>Steve Vasquez</u>	
BULK TRUCK	
# DRIVER	

HANDLING <u>277.94</u>	@ <u>2.48</u>	<u>689.29</u>
MILEAGE <u>12.03 x 50</u>	@ <u>2.60</u>	<u>1563.90</u>
TOTAL <del>12,138.39</del>		

**REMARKS:**

pump flush good  
plug RH & LH / wash out lines  
mix 175 SKS ASC  
wash out lines 1/4 Release Plug  
PI plug @ 2.5 bbls KCL water  
Load plug pressure 1200#  
plug down 10:15 pm  
Rig Down

**SERVICE**

DEPTH OF JOB <u>5200'</u>	
PUMP TRUCK CHARGE <u>3099.25</u>	
EXTRA FOOTAGE @	
MILEAGE <u>HVM 50 @ 7.70</u>	<u>385.00</u>
MANIFOLD # <u>thead</u>	@ <u>275.00 275.00</u>
<u>LVM 50 @ 4.40</u>	<u>220.00</u>
	@

TOTAL 3979.25

**PLUG & FLOAT EQUIPMENT**

<u>1-4 1/2 Rubber plug</u>	@ <u>83.07</u>	<u>83.07</u>
<u>1-4 1/2 Guide shoe</u>	@ <u>224.64</u>	<u>224.44</u>
<u>1-4 1/2 AFV Insert</u>	@ <u>291.33</u>	<u>291.33</u>
<u>6-4 1/2 centralizers</u>	@ <u>56.10</u>	<u>336.96</u>
	@	

TOTAL 936.00

CHARGE TO: Vincent Oil  
STREET \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

To: Allied Oil & Gas Services, LLC.  
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME X Eric Hagard

SIGNATURE [Signature]

SALES TAX (If Any)	
TOTAL CHARGES <u>17,053.64</u>	
DISCOUNT <u>-3,400.73</u>	IF PAID IN 30 DAYS
	<u>\$13,652.91</u>

Thank You!



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Vincent Oil Corporation

**22-28S-23W Ford**

155 N Market Ste 700  
Wichita, KS 67202

**Hawes Ranch 1-22**

ATTN: Jim Hall

Job Ticket: 52381

DST#: 1

Test Start: 2013.07.31 @ 14:03:52

## GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:27:37

Time Test Ended: 23:46:07

Test Type: Conventional Bottom Hole (Initial)

Tester: Leal Cason

Unit No: 45

Interval: **4952.00 ft (KB) To 4982.00 ft (KB) (TVD)**

Reference Elevations: 2478.00 ft (KB)

Total Depth: 4982.00 ft (KB) (TVD)

2466.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 12.00 ft

**Serial #: 6798 Inside**

Press@RunDepth: 377.67 psig @ 4953.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.07.31

End Date:

2013.07.31

Last Calib.: 2013.07.31

Start Time: 14:03:53

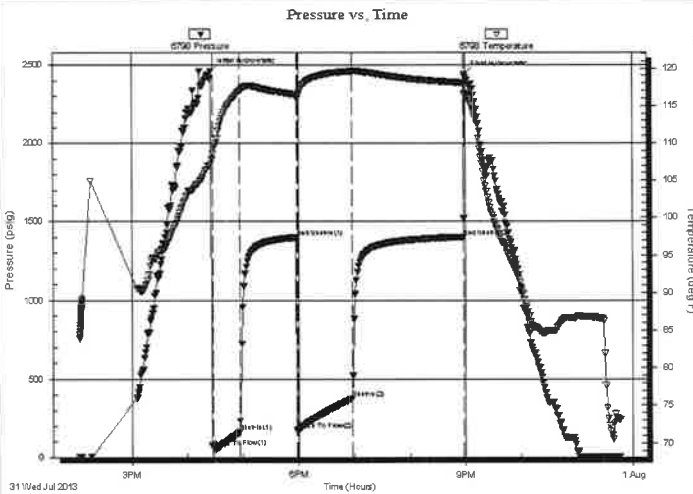
End Time:

23:46:07

Time On Btm: 2013.07.31 @ 16:25:52

Time Off Btm: 2013.07.31 @ 20:59:22

**TEST COMMENT:** IF: Strong Blow, BOB in 90 seconds  
IS: Blow Back Built to 3 inches  
FF: Strong Blow, BOB in 9 minutes  
FS: 1/2 inch Blow Back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2459.59	107.12	Initial Hydro-static
2	64.62	108.54	Open To Flow (1)
31	162.49	116.97	Shut-In(1)
92	1398.98	116.48	End Shut-In(1)
93	174.47	116.01	Open To Flow (2)
152	377.67	119.64	Shut-In(2)
273	1401.06	118.04	End Shut-In(2)
274	2437.75	116.59	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	660 GIP	0.00
496.00	Water	6.96
124.00	SOMCW 2%O 12%M 86%W	1.74
184.00	GSY MMCO 15%G 12%M 12%W 61%O	2.58

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

Vincent Oil Corporation

**22-28S-23W Ford**

155 N Market Ste 700  
Wichita, KS 67202

**Hawes Ranch 1-22**

Job Ticket: 52381

**DST#: 1**

ATTN: Jim Hall

Test Start: 2013.07.31 @ 14:03:52

### 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:

85000 ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.19 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5100.00 ppm

Filter Cake: 0.02 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	660 GIP	0.000
496.00	Water	6.958
124.00	SOMCW 2%O 12%M 86%W	1.739
184.00	GSY MMCO 15%G 12%M 12%W 61%O	2.581

Total Length: 804.00 ft      Total Volume: 11.278 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW was .08 @ 81 degrees



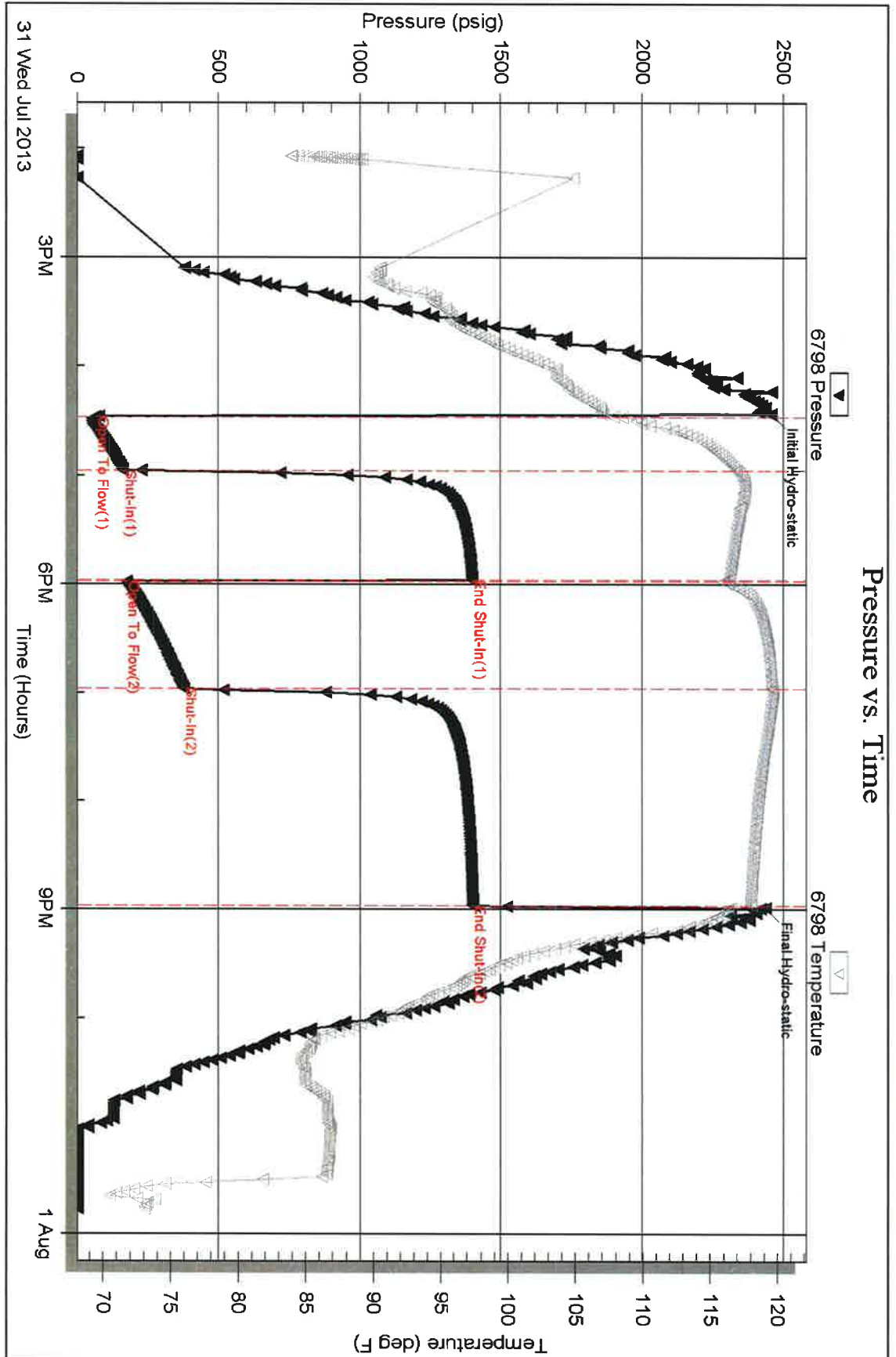
Serial #: 6798

Inside Vincent Oil Corporation

Hawes Ranch 1-22

DST Test Number: 1

### Pressure vs. Time



Triobite Testing, Inc

Ref. No: 52381

Printed: 2013.08.01 @ 07:41:54



**TRILOBITE TESTING, INC.**

## DRILL STEM TEST REPORT

Vincent Oil Corporation

**22-28S-23W Ford,KS**

155 N Market Ste 700  
Wichita, KS 67202

**Hawes Ranch 1-22**

Job Ticket: 52382

**DST#: 2**

ATTN: Jim Hall

Test Start: 2013.08.02 @ 00:33:15

### GENERAL INFORMATION:

Formation: **Penn Conglomerate**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:29:00

Time Test Ended: 10:27:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Leal Cason

Unit No: 45

Interval: **5004.00 ft (KB) To 5129.00 ft (KB) (TVD)**

Reference Elevations: 2478.00 ft (KB)

Total Depth: 5129.00 ft (KB) (TVD)

2466.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 12.00 ft

**Serial #: 6798**

**Inside**

Press@RunDepth: 1107.21 psig @ 5005.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.08.02

End Date:

2013.08.02

Last Calib.: 2013.08.02

Start Time: 00:33:16

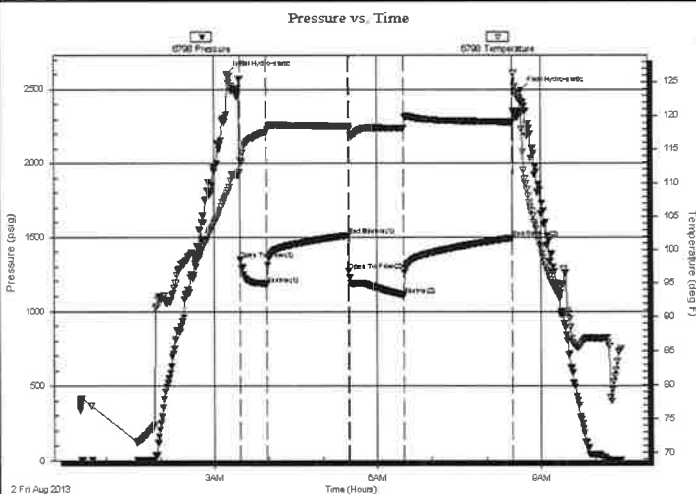
End Time:

10:27:45

Time On Btm: 2013.08.02 @ 03:15:15

Time Off Btm: 2013.08.02 @ 08:38:00

**TEST COMMENT:** IF: Strong Blow, BOB in 20 seconds, GTS in 4 minutes, Gauged & Caught Sample  
 IS: Would Not Bleed Off  
 FF: Strong Blow, BOB & GTS Immediate, Gauged & Caught Sample  
 FS: Weak 1/4 inch Blow Back



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2602.60	108.53	Initial Hydro-static
14	1352.07	113.28	Open To Flow (1)
43	1177.29	117.62	Shut-In(1)
134	1513.87	118.39	End Shut-In(1)
134	1273.38	118.00	Open To Flow (2)
194	1107.21	118.11	Shut-In(2)
314	1494.47	119.06	End Shut-In(2)
323	2492.78	120.24	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
0.00	GTS	0.00
90.00	SGCM 2%G 98%M	1.26

\* Recovery from multiple tests

### Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	1.50	90.00	6382.86
Last Gas Rate	1.50	60.00	4548.70
Max. Gas Rate	1.50	180.00	11885.32



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

Vincent Oil Corporation

**22-28S-23W Ford,KS**

155 N Market Ste 700  
Wichita, KS 67202

**Hawes Ranch 1-22**

Job Ticket: 52382

**DST#: 2**

ATTN: Jim Hall

Test Start: 2013.08.02 @ 00:33:15

### 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: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.19 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7300.00 ppm

Filter Cake: 0.02 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	GTS	0.000
90.00	SGCM 2%G 98%M	1.262

Total Length: 90.00 ft      Total Volume: 1.262 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**GAS RATES**

Vincent Oil Corporation

**22-28s-23w Ford,KS**

155 N Market Ste 700  
Wichita, KS 67202

**Hawes Ranch #1-22**

Job Ticket: 52382

**DST#: 2**

ATTN: Jim Hall

Test Start: 2013.08.02 @ 00:33:15

### Gas Rates Information

Temperature: 59 (deg F)  
Relative Density: 0.65  
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
1	10	1.00	90.00	3001.38
1	10	1.00	90.00	3001.38
1	20	1.00	180.00	5588.77
1	30	1.00	180.00	5588.77
2	10	1.00	58.00	2081.41
2	20	1.00	58.00	2081.41
2	30	1.00	58.00	2081.41
2	40	1.00	60.00	2138.91
2	50	1.00	60.00	2138.91
2	60	1.00	60.00	2138.91

Serial #: 6798

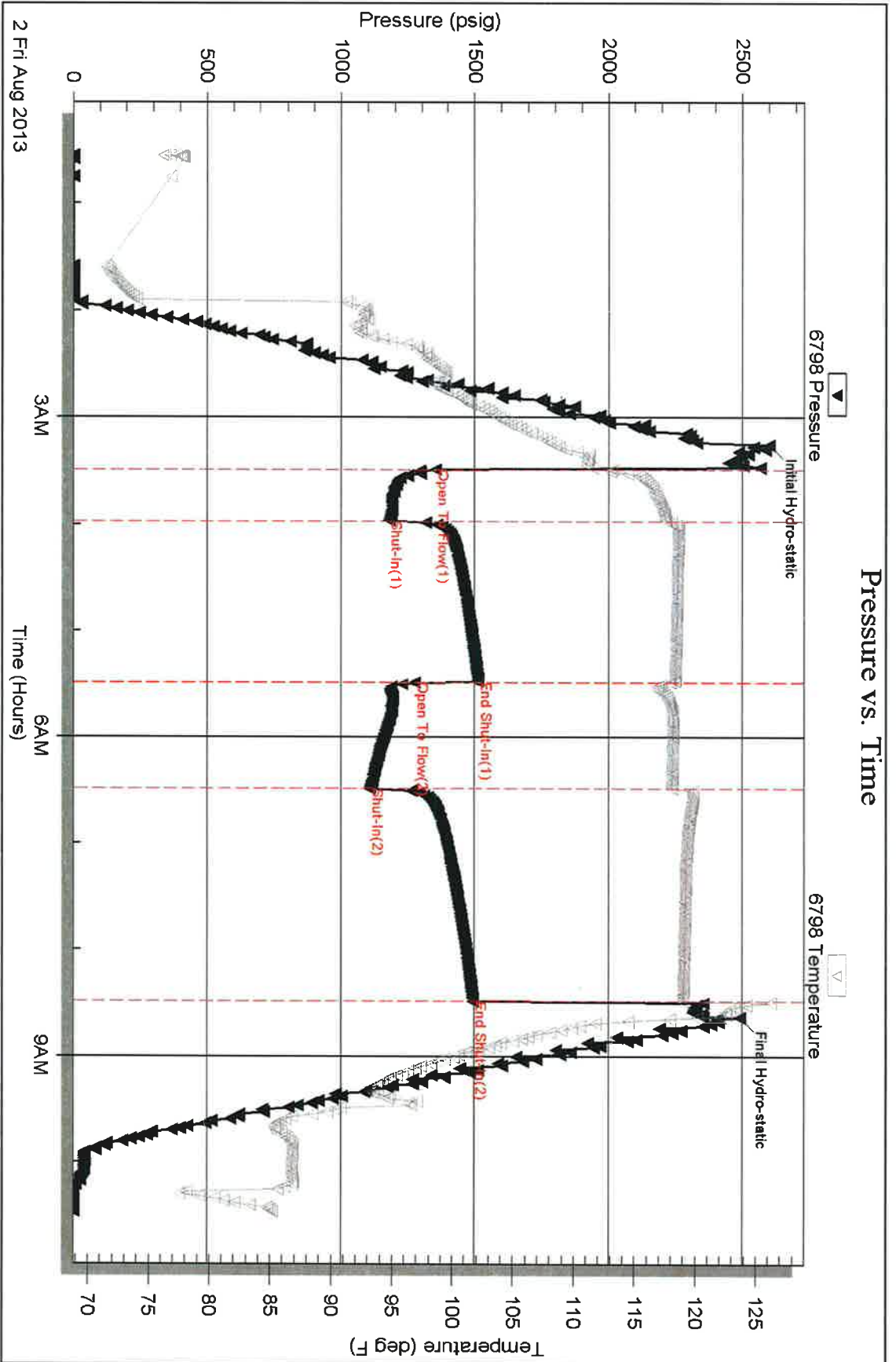
Inside

Vincent Oil Corporation

Hawes Ranch 1-22

DST Test Number: 2

### Pressure vs. Time



Tridolite Testing, Inc

Ref. No: 52382

Printed: 2013.08.02 @ 10:44:31



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Vincent Oil Corporation  
155 N Market Ste 700  
Wichita, KS 67202  
ATTN: Jim Hall

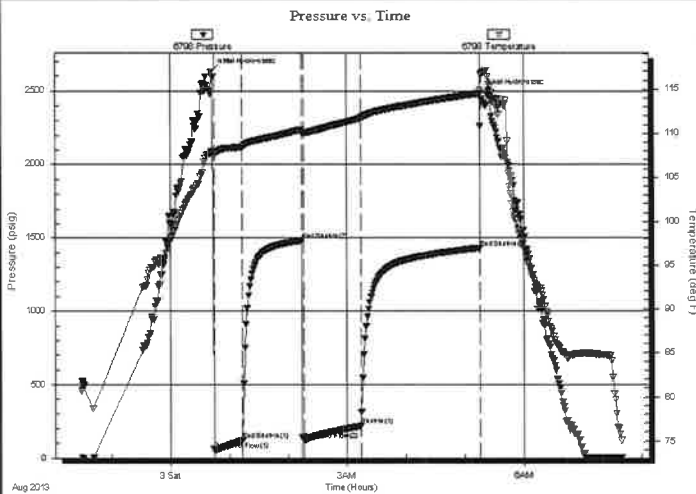
**22-28S-23W Ford**  
**Hawes Ranch 1-22**  
Job Ticket: 52383      **DST#: 3**  
Test Start: 2013.08.02 @ 22:29:57

### GENERAL INFORMATION:

Formation: **Mississippi**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 00:44:42  
Time Test Ended: 07:39:42  
Test Type: Conventional Bottom Hole (Reset)  
Tester: Leal Cason  
Unit No: 45  
Interval: **5140.00 ft (KB) To 5152.00 ft (KB) (TVD)**  
Total Depth: 5152.00 ft (KB) (TVD)  
Reference Elevations: 2478.00 ft (KB)  
2466.00 ft (CF)  
Hole Diameter: 7.88 inches Hole Condition: Good  
KB to GR/CF: 12.00 ft

**Serial #: 6798**      **Inside**  
Press@RunDepth: 222.25 psig @ 5141.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2013.08.02      End Date: 2013.08.03      Last Calib.: 2013.08.03  
Start Time: 22:29:58      End Time: 07:39:42      Time On Btm: 2013.08.03 @ 00:41:57  
Time Off Btm: 2013.08.03 @ 05:16:27

**TEST COMMENT:** IF: Strong Blow, BOB in 10 seconds, GTS in 29 minutes  
ISI: No Blow Back  
FF: Strong Blow, BOB & GTS Immediate, Gauged & Caught Sample  
FSI: No Blow Back



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2629.95	107.85	Initial Hydro-static
3	58.44	107.42	Open To Flow (1)
32	121.02	108.47	End Shut-In(1)
92	1482.63	110.45	End Shut-In(2)
94	120.86	110.06	Open To Flow (2)
153	222.25	111.73	Shut-In(1)
274	1431.86	114.54	End Shut-In(3)
275	2486.87	116.55	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
0.00	GTS	0.00
310.00	Water	4.35
80.00	WCM 40%W 60%M	1.12

\* Recovery from multiple tests

### Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	14.00	45.05
Last Gas Rate	0.25	18.00	51.40
Max. Gas Rate	0.25	18.00	51.40



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

Vincent Oil Corporation

**22-28S-23W Ford**

155 N Market Ste 700  
Wichita, KS 67202

**Hawes Ranch 1-22**

Job Ticket: 52383

**DST#: 3**

ATTN: Jim Hall

Test Start: 2013.08.02 @ 22:29:57

### 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:

75000 ppm

Viscosity: 61.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7300.00 ppm

Filter Cake: 0.02 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	GTS	0.000
310.00	Water	4.348
80.00	WCM 40%W 60%M	1.122

Total Length: 390.00 ft      Total Volume: 5.470 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW w as .1 @ 74 degrees



**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

**GAS RATES**

Vincent Oil Corporation

**22-28S-23W Ford**

155 N Market Ste 700  
Wichita, KS 67202

**Hawes Ranch 1-22**

Job Ticket: 52383

**DST#: 3**

ATTN: Jim Hall

Test Start: 2013.08.02 @ 22:29:57

### Gas Rates Information

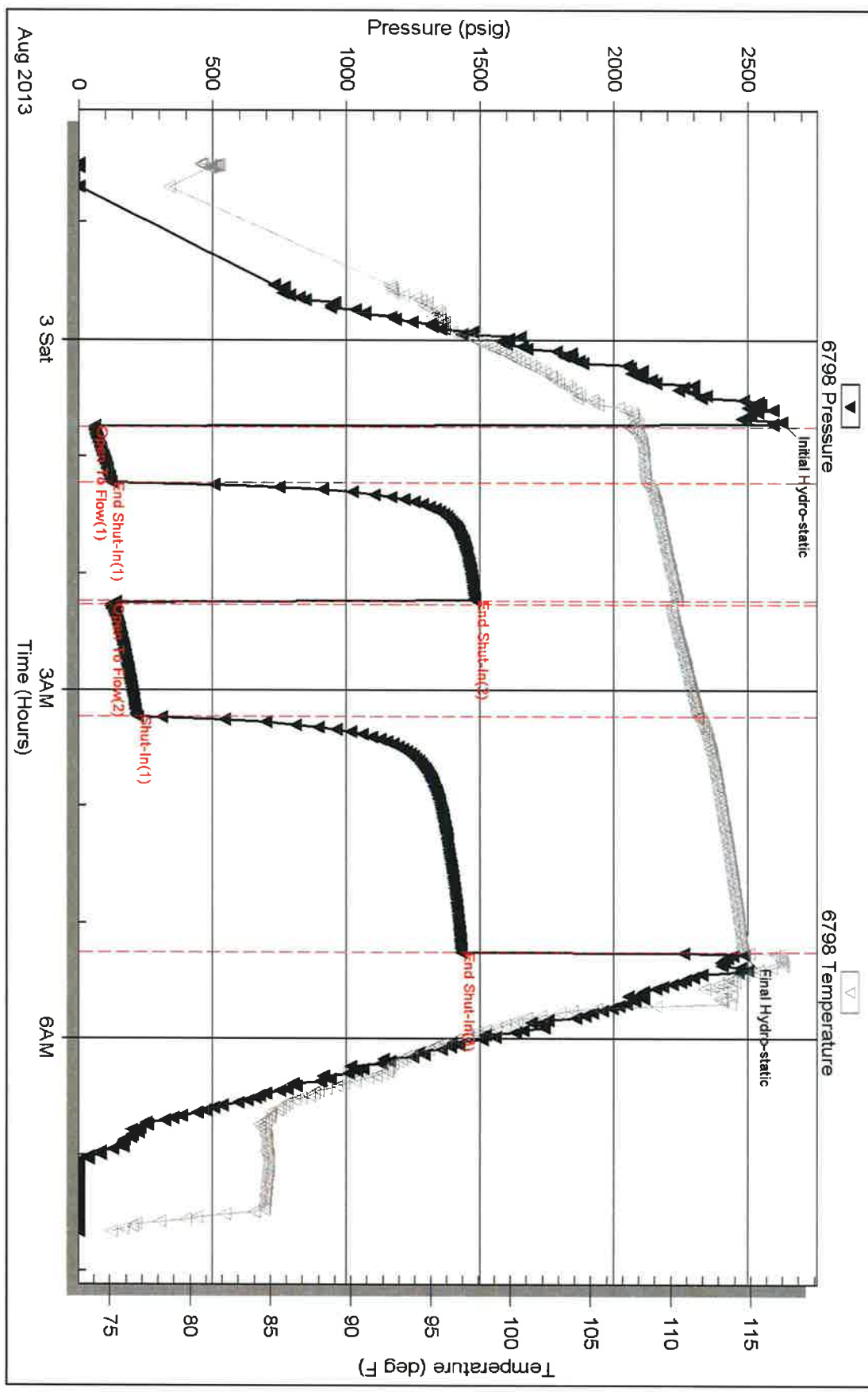
Temperature: 59 (deg F)  
Relative Density: 0.65  
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
2	10	0.25	14.00	45.05
2	10	0.25	14.00	45.05
2	20	0.25	16.00	48.23
2	30	0.25	18.00	51.40
2	40	0.25	18.00	51.40
2	50	0.25	18.00	51.40



### Pressure vs. Time



# LITHOLOGY STRIP LOG

## WellSight Systems

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

Measured Depth Log

Well Name: VINCENT OIL CORP. HAWES RANCH #1-22

Location: SW NW SE NE 22-T28S-R23W, FORD CO. KANSAS

License Number: 15-057-20905-00-00

Region: Grt. Mogul Cyon.

Spud Date: July 24th, 2013

Drilling Completed: August 3rd, 2013

Surface Coordinates: 1,788' FLN, 1,300' FEL

### Bottom Hole Coordinates:

Ground Elevation (ft): 2,466'

K.B. Elevation (ft): 2,478'

Logged Interval (ft): 4,150' To: 5,350'

Total Depth (ft): 5,350'

Formation: RTD IN; MISSISSIPPI

Type of Drilling Fluid: Native Mud to 3,792'. Chemical Gel System to RTD.

Printed by MUD.LOG from WellSight Systems 1-800-447-1534 [www.WellSight.com](http://www.WellSight.com)

### OPERATOR

Company: Vincent Oil Corporation

Address: 155 N. Market, Ste., 700

Wichita, Kansas 67202-1821

(316)-262-3573

### GEOLOGIST

Name: James R Hall (Well Site Supervision)

Company: Black Gold Petroleum

Address: 5530 N. Sedgwick

Wichita, Kansas 67204-1828

(316) 838-2574, (316)-217-1223

## Comments

Drilling contractor: Duke Drilling Co. Inc., Rig #1, Tool Pusher: Mike Godfrey.

Surface Casing: 8 5/8" set at 646' w/275sx, cement. The cement did circulate.

### Drilling Activity:

7/25/13 649' running 8 5/8" casing.

7/26/13 1,336' drilling.

7/27/13 2,529' drilling.

7/28/13 3,257' drilling.

7/29/13 3,960' drilling.

7/30/13 4,610' drilling.

7/31/13 4,982' circulating Pawnee. 30std short trip, strap pipe (1.89' long), and run survey prior to DST #1(Pawnee). Estimated total company time during circulating and DST #1 (21 1/4hrs.).

8/1/13 5,017 drilling. Circulate @ 5,056' poor oil show in lower Penn (est co. time 1/2hrs.). drilled ahead. Circula

@ 5,110' B/Penn. poor show drilled ahead (est co. time 2hrs.). Circulate @ 5,123' Cong. (est. co. time 2hrs.).

Circulate @ 5,129' Cong. DST 2, Lower Penn. & Cong.

8/2/13 2,123' Finished running DST #2. (est. co time for cir. & DST 2 16.5hrs.). Drilled ahead circulate at 5,146' (est co time 2hrs.), then drilled to 5,152', condition and started tripping out for DST 3 (Miss.), pulled 45K over on the 3rd stand out worked stand for 5min, (bit at approx. DST #1 interval), pulled additional 10 stands (they were free), then back to bottom and conditioned hole to trip out for DST #3. Commenced DST 3 Miss. Dolomite 5,140' to 5,152' (12').

8/3/13 5,152' finishing DST #3, (est. total co. time for test and circulating 17 1/2hrs.). Drilled to 5,350', condition hole and ran open hole logs.

8/4/13 5,350', finished running E-logs, then ran 4 1/2" production casing to 5,347', cemented w/175sx.

Deviation Surveys: 1 deg @ 649', 1 deg. @ 1,148', 1 deg @ 1,651', 0.75 deg @ 2,217', 1 deg @ 2,751, 1 deg @ 4,982', 1 deg @ 5,350'.

### Bit Record:

#1 12 1/4" out @ 649'.

#2 7 7/8" Varl HE21MSV in @ 649', out @ 4,982', made 4,333'

in 104 1/4hrs.

#3 7 7/8" RR Varl HE29 in @ 4,982', out @ 5,350', made 368' in 18 1/4 hrs.

Drilling time commenced: @ 4,150'. Minimum 10' wet and dry samples commenced: @ 4,150' to RTD. Samples delivered to Kansas Geological Sample Library at Wichita, Kansas.

Gas Detector: Bluestem Labs, digital unit #0563.

Mud System: Mud-Co/Service Mud. Chemical Gel system @ 3,792', Mud Engineers: Terry Ison & Justin Whiting.

DST CO. Trilobite, Tester: Leal Cason, Pratt Office.

OH Logs: Nabors Well Services, Hays Kansas,

Operator Jeff Groneweg.

DIL, CDL/CNL/PE, MEL/SON.

Note: The open hole log gamma ray and caliper curves have been placed on this sample strip log, for better correlation. If there is a depth difference greater than 2', between the sample strip log and the open hole electric log, the the drilling time depths (sample sript log), has been shifted to correlate with the open hole logs.

Open Hole E-log tops are placed on this strip log, with the reference wells "A" Samuel Gary Hawes #1 NE/4 22-T28S-R23W, and "B" Oil Producers Inc. Hawes Ranch #2A-27 S/2 NE NE NW 27-T28S-R23W. Differences in E-log tops (datum) shown.

## DSTs

DST #1 4,952' - 4,982' (30'), Pawnee, 30-60-60-120, IH 2460, IF 65-162 (BOB 90sec.), ISI 1399 (3" blow back), FF 174-378 (BOB 9min), FSI 1401 (1/2" blow back), FH 2438, Rec; 660' GIP, 184' GsyM&WCO (15%gas, 61%oil, 12%water, 12%mud), 124' SO&MCW (2%oil, 86%water, 12%mud), 496' water (Rwa 0.08 @ 81F - 0.055 @ BHT), C 85,000ppm (mud 5,100ppm), BHT 118F.

DST #2 5,004' to 5,129' (125'). B/Penn & Cong. 30-60-60-120, IH 2603, IF 1352-1177, (BOB 20sec. GTS 4min), blue flame, took gas sample. 1 1/2" orifice, 10min 6.3mmcf, 20min 11.8mmcf, 30min 11.8mmcf. ISI 1514 (blow back f 75min), FF 1273-1107, (GTS immediately), blue flame, took second gas sample. 1 1/2" orifice, 10min 4.4mmcf, 20min 4.4mmcf, 30min 4.4mmcf, 40min 4.5mmcf, 50min 4.5mmcf, 60min 4.5mmcf, FSI 1494 (weak 1/4" blow), FH 2493, Rec; 4,917' GIP, 90' SGCM (2%gas, 98%mud), BHT 119F.

DST #3 5,140' - 5,152' (12') Miss. Dolomite, 30-60-60-120, IH 2630, IF 58-121 (BOB 10sec, GTS 29min), ISI 1493 (no blow), FF 121-222 (GTS immd. 10min 45mcf, 20min 48mcf, 30min 51mcf, 40min 51mcf, 50min 51mcf, 60min 51mcf, (gas sample taken and blue flame was observed), FSI 1432 (no blow), FH 2487, Rec; 4,745' GIP, 80' WCM (40%water, 60%mud), 310' Water (chl 75,000ppm - drilling mud 7,300ppm), Rwa 0.1 @ 74F (0.064 @ BHT), BHT 114F.

Serial #: 6798

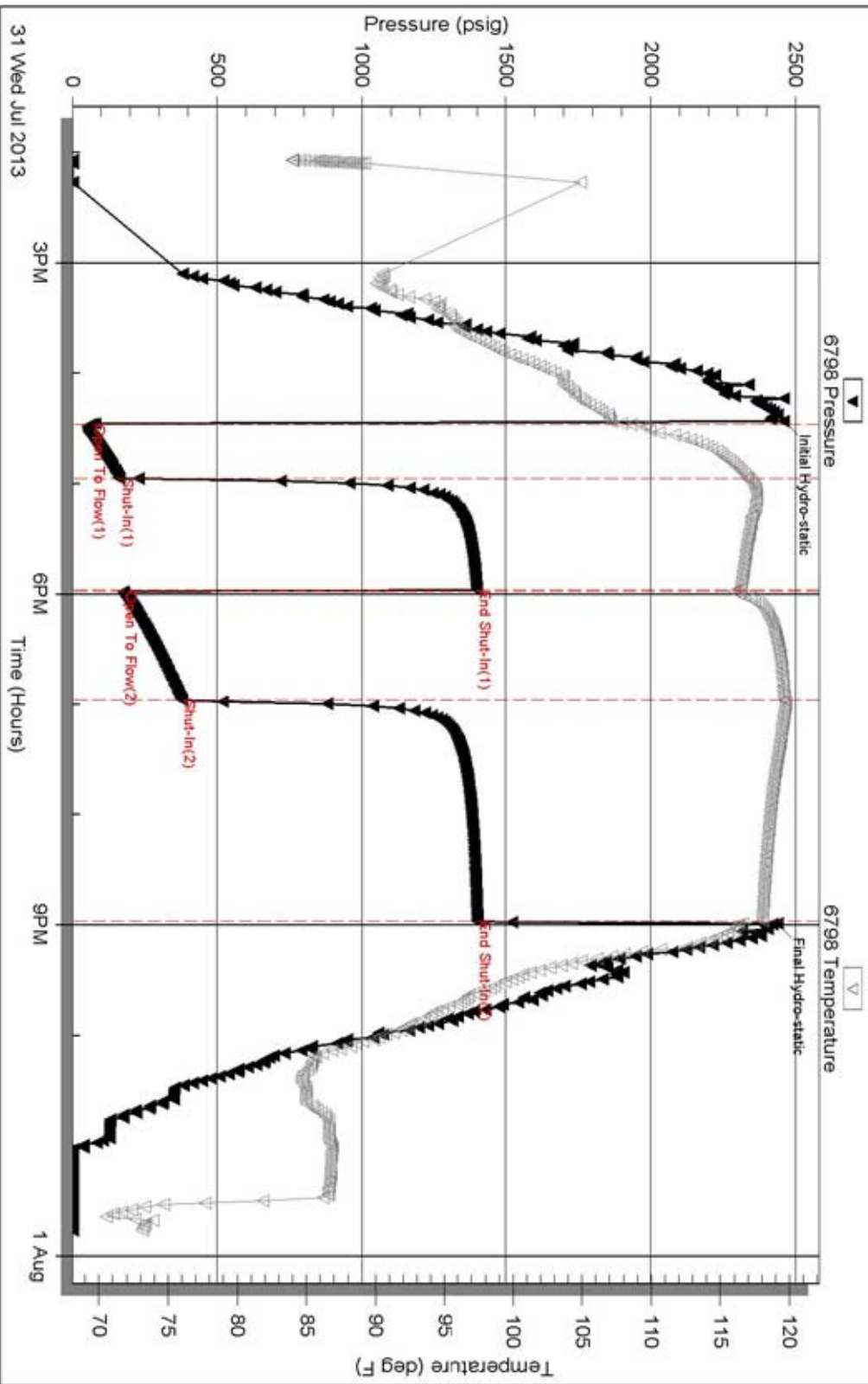
Inside

Vincent Oil Corporation

Hawes Ranch 1-22

DST Test Number: 1

### Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 52381

Printed: 2013.08.01 @ 07:41:54

Serial #: 6798

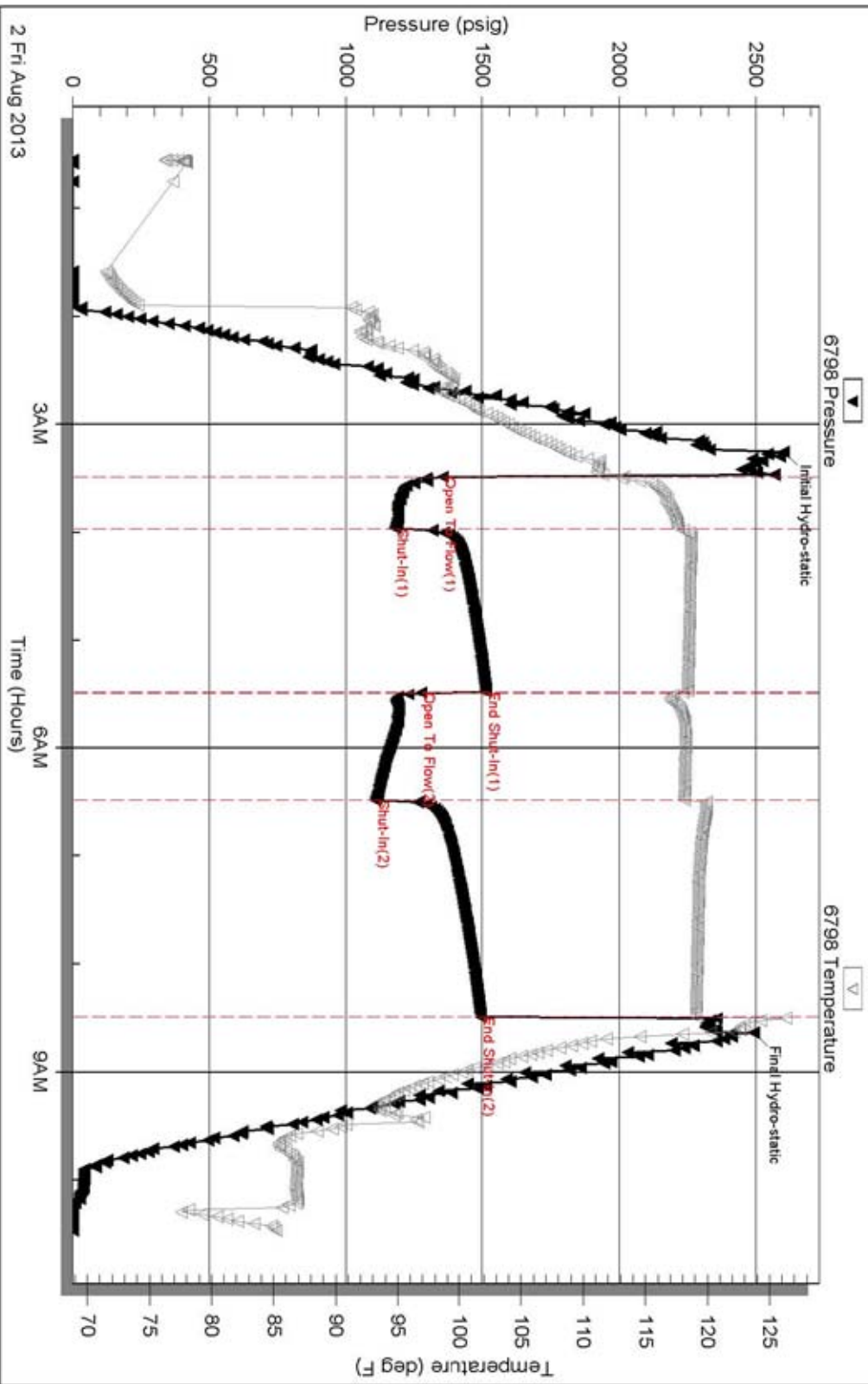
Inside

Vincent Oil Corporation

Hawes Ranch 1-22

DST Test Number: 2

### Pressure vs. Time



Triobole Testing, Inc

Ref. No: 52392

Printed: 2013.08.02 @ 10:44:31

Serial #: 6798

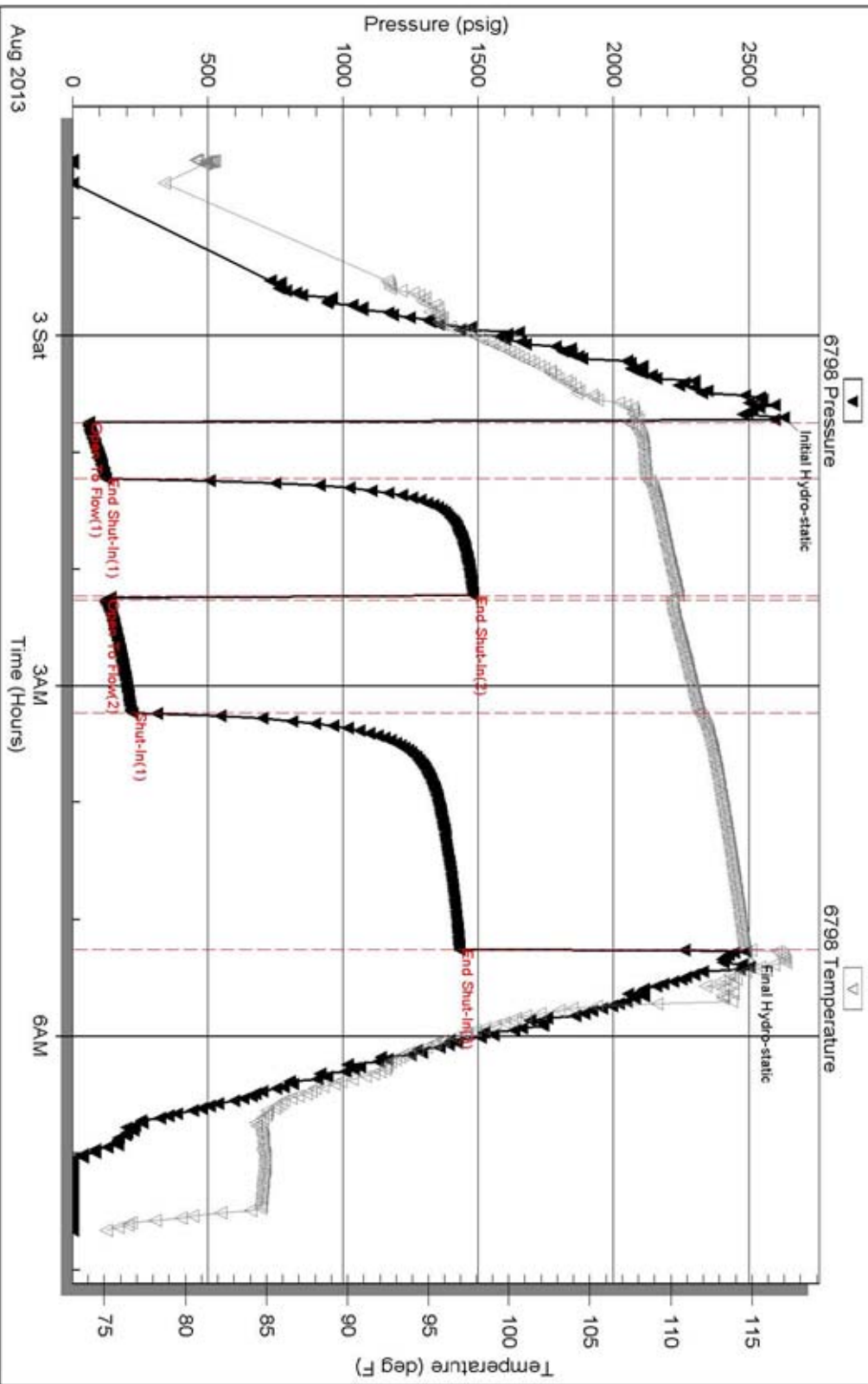
Inside

Vincent Oil Corporation

Hawes Ranch 1-22

DST Test Number: 3

### Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 52383

Printed: 2013.08.03 @ 08:24:18








































































## Classification

**AFTER DUNHAM: GRAIN;** any fossil, fossil fragment, sand grain, or other rock fragment within the rock. **MUDSTONE;** muddy carbonate rocks containing less than 10% grains. **WACKESTONE;** mud supported carbonate rocks with more than 10% grains. **PACKSTONE;** grain supported muddy carbonate rocks. **GRAINSTONE;** mud free carbonate rock, grain supported. **BOUNDSTONE;** carbonate rock bound together at deposition (coral, etc.). **CRYSTALLINE CARBONATE;** carbonate rock retaining to little of their depositional texture to be classified.
























## ROCK TYPES

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

## ACCESSORIES

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







## OTHER SYMBOLS

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



Curve Track 1

ROP (min/ft)   
 Caliper (units)   
 Gamma (API) 

TG (Units)   
 C1 (units)   
 C2 (units)   
 C3 (units)   
 C4 (units)   
 C5 (units) 

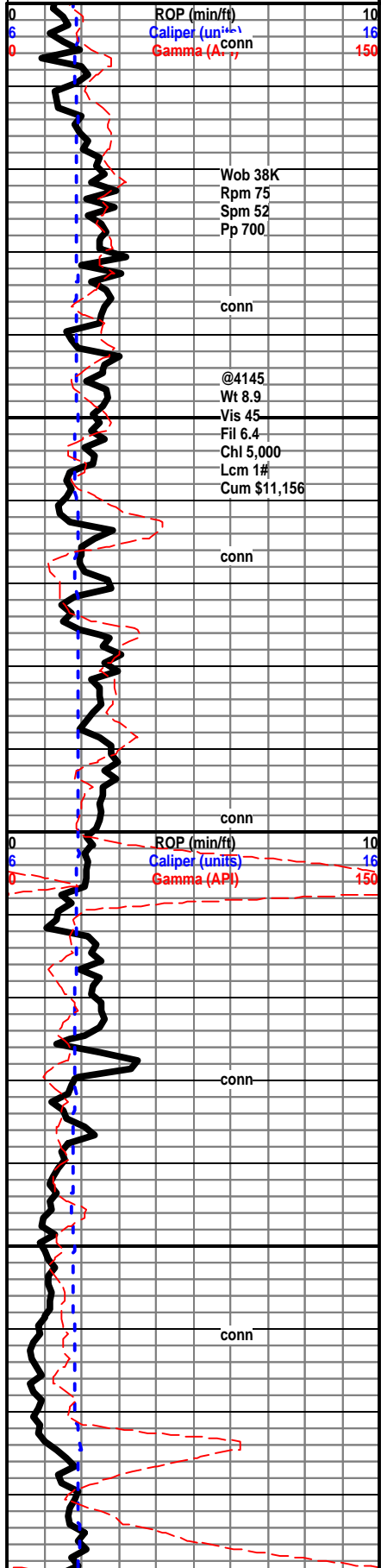
Depth

Porosity Type

Lithology

Oil Shows

Geological Descriptions



ROP (min/ft) 10  
 Caliper (units) 16  
 Gamma (API) 150

Wob 38K  
 Rpm 75  
 Spm 52  
 Pp 700

conn

@4145  
 Wt 8.9  
 Vis 45  
 Fil 6.4  
 Chl 5,000  
 Lcm 1#  
 Cum \$11,156

conn

ROP (min/ft) 10  
 Caliper (units) 16  
 Gamma (API) 150

conn

conn

Well site supervision commenced at 4,200', 7/29/13.

Mudstone; cream to off white, chalky, dense, dull gold fluorescence, 30-40% shale, poor sample quality.

Wackestone; micro-oolitic, most cream, chalky matrix, rare barren porosity in the dry sample, dull gold mineral fluorescence only, no show, aa poor sample quality.

Mudstone; increase in gray and light gray, some tan, chalky-dull luster, crystalline-silky, dense.

Wackestone; scattered micor-oolitic, rare pinpoint barren porosity in the dry sample, poor sample quality aa, no show.

Mudstone; light gray to gray, chalky to crystalline, traces of free off white chert, dull mineral fluorescence and no visible show.

As above, slight increase in sample quality here.

Mudstone; cream to off white, chalky, rare off white chert inclusions in the matrix, micro fossils in the matrix, dull gold to yellow mineral fluorescence only, rare barren porosity in the dry sample, no show.

Shale; carbonaceous, hard to soft, rare gas bubbles when broken.

Mudstone; gray, some with fossil inclusions, no show.

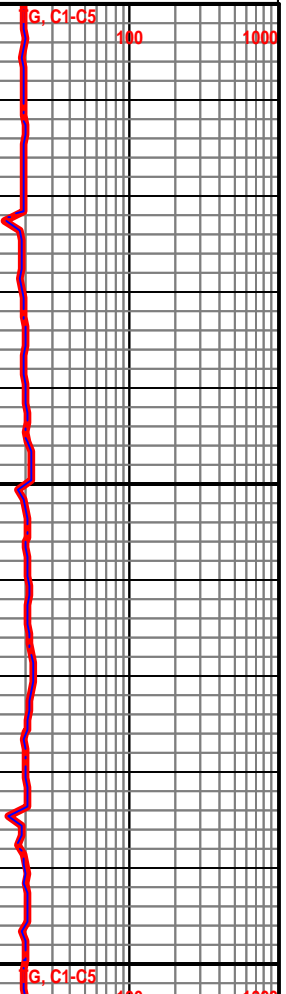
Wackestone; cream to gray, chalky matrix, micro oolitic to fossil fragments, tight look wet and dry, rare free crinoid stem

Packstone; off white to cream, micro-oolitic to fossil fragments, firm, dense looking in wet and dry sample, dull yellow and gold mineral fluorescence only, no show

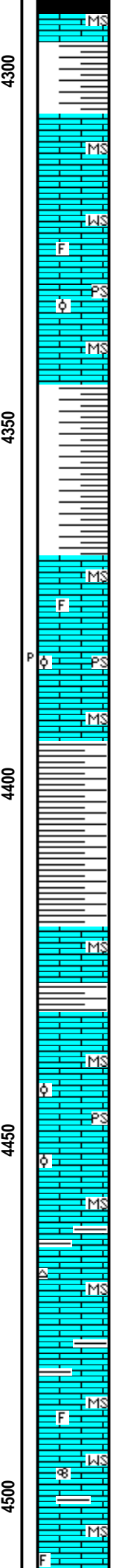
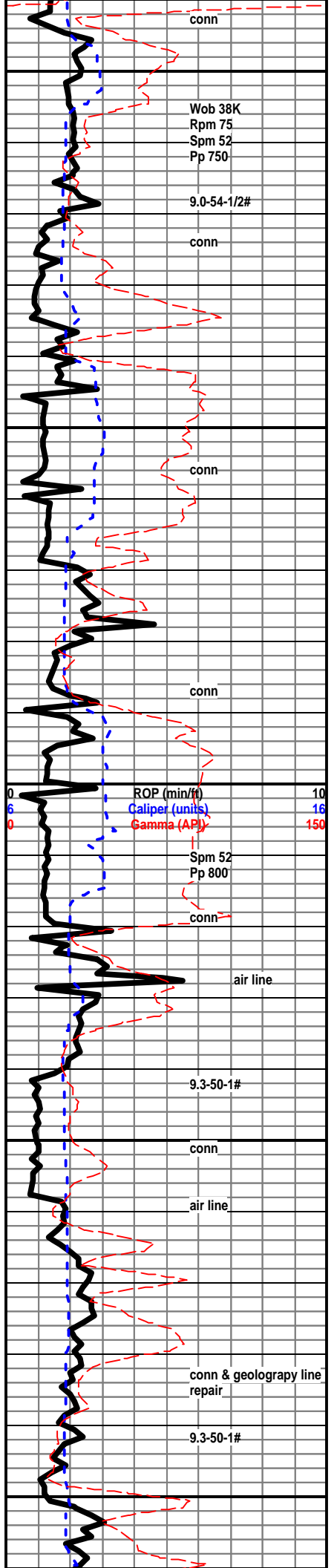
Packstone; as above, no real sample change here, micro-oolitic to micro-fossiliferous, no show.

Heebner 4289 (-1811) A +2 B -3

Shale; carbonaceous. soft to hard. no visible gas bubble



Shale Gas 28u +8u



when broken.

Shale; gray, black to brick red, firm to soft.

Mudstone; cream to gray, occasionally tan, dull chalky, silky crystalline, dense, no show.

Packstone to Wackestone; cream to off white, some tan, micro-oolitic to micro-fossiliferous, most chalky matrix, yellow to off white fluorescence, no show in wet or dry, very rare visible porosity in the dry with no stain.

Mudstone; cream to off white, dense.

Shale; vary colored, soft to firm, some mottled.

Shale; as above.

Mudstone; tan to brown, chalky to crystalline, some with fossil fragments in the matrix, dense looking in the wet, no visible porosity in the dry sample.

Packstone; off white to tan, chalky to crystalline matrix, tight looking in wet, yellow-white to dull gold fluorescence, micro-oolitic, rare barren porosity in the dry sample, no show wet or dry.

Shale; gray, gray-green, tabular, firm to soft.

Shale; most gray, tabular to platy, very soft, some fissile look when broken.

**Brown Lime 4420 (-1942) A +5 B +5**

Mudstone; gray, to rare brown-crystalline, dense.

**Lansing 4433 (-1955) A +6, B +8**

Packstone; off white, cream, occasionally tan, micro-oolitic, firm to hard, most chalky matrix, some crystalline-silky texture, tight in wet and dry samples, dull yellow fluorescence, no show.

Mudstone; cream to tan, most chalky, some crystalline, dense.

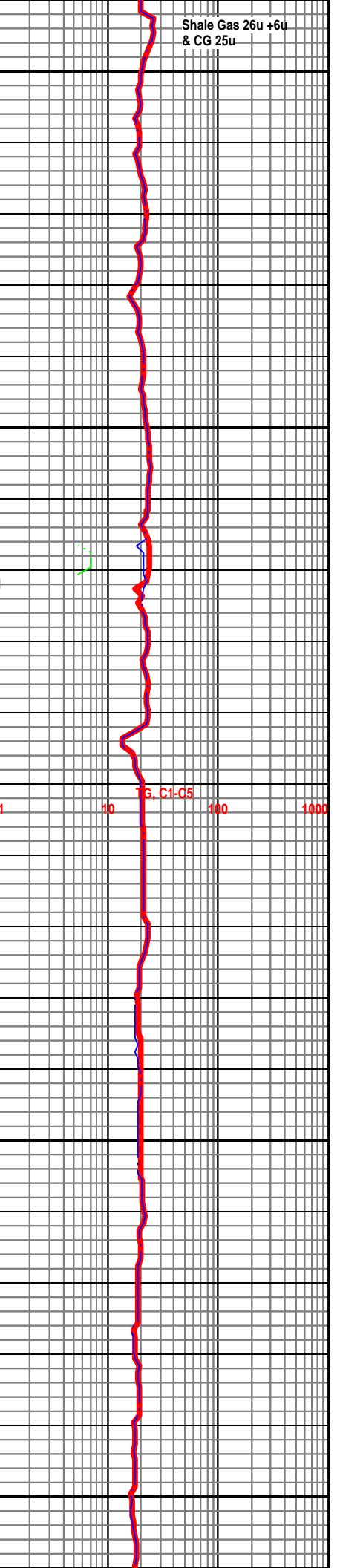
Mudstone; cream to tan, chalky, dense, rare free off white to opaque chert, no show.

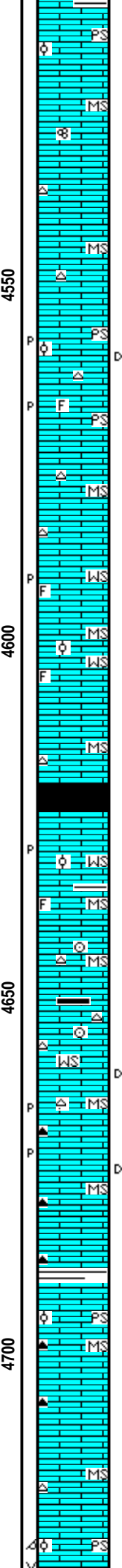
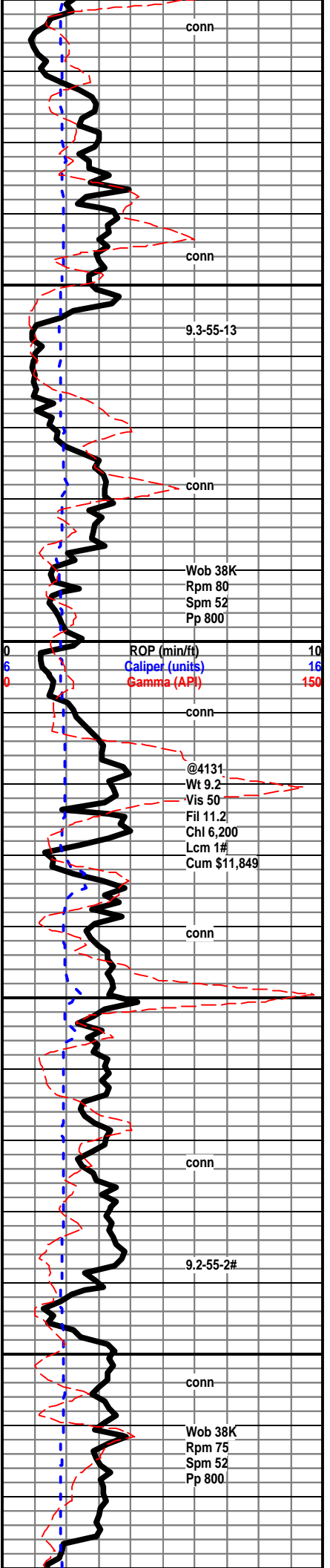
Shale; slight increase in gray.

Mudstone; off white, cream, occasionally brown, most chalky, some with fossil fragments.

Wackestone; off white, cream to brown, fossiliferous, rare free fusulinid, chalky to crystalline matrix, no show.

Mudstone; light gray, brown, chalky to crystalline, some with fossils, dense.





Packstone; tan to brown, micro-oolitic, most crystalline-tight, dull yellow to dull gold mineral fluorescence, no show, no visible porosity.

Mudstone; off white, chalky, tan to light brown crystalline, some fossiliferous, rare free fusulinid.

Mudstone; most as above, slight increase in tan, dense, trace light gray free chert and occasional in the matrix.

Packstone; off white, hard, micro-oolitic, to very fine crystalline look, dense look in wet, rare barren porosity in the dry, rare dead stain, dull mineral fluorescence only, no live show.

Mudstone; cream to brown, hard, dense, influx blocky blue-gray chert here.

Wackestone; cream to brown, tan, chalky to crystalline matrix fossil fragments in the matrix, trace off white free chert, no show, rare barren porosity in the dry sample.

Wackestone; aa, some micro-oolitic, no show, very dull mineral fluorescence, no visible porosity.

Mudstone to Wackestone; cream to brown, fossiliferous to micro-oolitic, tight, blue gray chert here.

Shale; gray, dark gray and black, no visible gas bubbles.

Wackestone; off white, cream, micro-oolitic in a tight looking matrix-wet, rare barren porosity in the dry, no show.

Shale; increase in gray and black shale here.

Mudstone; chalky to crystalline, mixed with fossiliferous Wackestone; rare crinoid stem in the matrix, increase in brown and gray blue chert, some spicular.

Mudstone; aa.

Wackestone; off white, cream to brown, fossiliferous to micro-oolitic, dense, most chalky, rare dead stain and porosity no live show, very dull mineral fluorescence, influx black blocky chert.

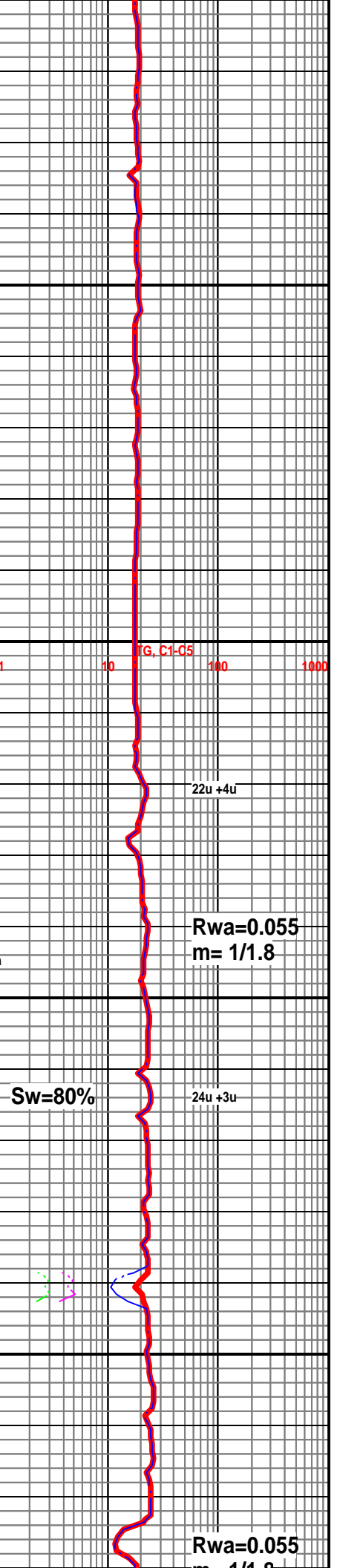
Mudstone; hard, chalky to crystalline, trace dead stain, rare dark chert, no live show, no visible porosity.

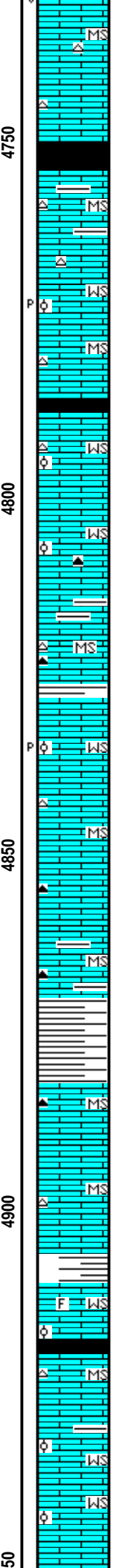
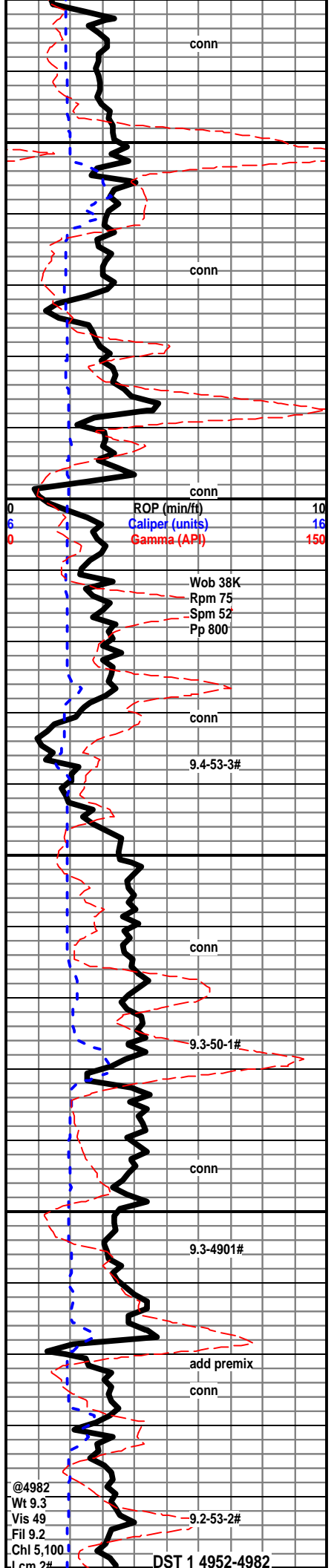
Packstone; off white, brown, chalky to crystalline matrix, most look tight, rare barren porosity, micro to very fine oolites, dull yellow to gold fluorescence, no show, influx dark brown and blue gray free chert.

Mudstone; gray, tan, chalky to crystalline matrix, tight, dark gray blocky chert.

Mudstone; gray, tan, chalky to crystalline, dense, some fossiliferous, influx, brown fossiliferous chert-blocky.

Packstone; cream to off white, micro to very fine oolites, crystalline to chalky matrix. rare barren porosity. no show. d





Mudstone; chalky, off white, light gray, rare off white chert.

**Stark Shale 4750 (-2272) A +8 B +5**

Shale; dark gray, black-carbonaceous, no visible gas bubbles

Mudstone; cream to off white, dense, most chalky, off white free chert.

Wackestone; micro-oolitic, chalky, dense look in wet sample, no show, rare barren porosity in the dry sample.

Mudstone; aa, trace free off white to light gray chert.

**Hushp. 4787 (-2309) A +9 B -2 C +8**

Shale; dark gray, black-carbonaceous, no visible gas bubbles

Wackestone; micro-oolitic, chalky to crystalline matrix, no show wet or dry, dull mineral fluorescence only, trace black chert.

Mudstone; gray, tan to brown, dense, chalky to crystalline, influx gray free chert.

Shale; gray, gray-green black.

Wackestone; cream, buff to gray, hard, most chalky matrix, micro-oolitic, to small fossil inclusions, rare barren porosity in the dry sample, dull mineral fluorescence only, no show.

Mudstone; firm to hard, chalky to crystalline-silky texture, trace dark brown blocky chert, rare fossil inclusions.

Mudstone; buff to gray, hard, dense, rare black blocky chert, increase in % of shale here.

Shale; gray to black, influx pale green, some arenaceous look most soft.

**Marmaton 4882 (-2404) A +9 B +14**

Mudstone; cream to buff, some tan, most chalky, some crystalline look, dense, rare free black chert.

Mudstone; gray to brown, chalky to silky-crystalline, dense, rare off white free chert, samples wash heavy gray.

Shale; influx very colored shales, most soft to firm.

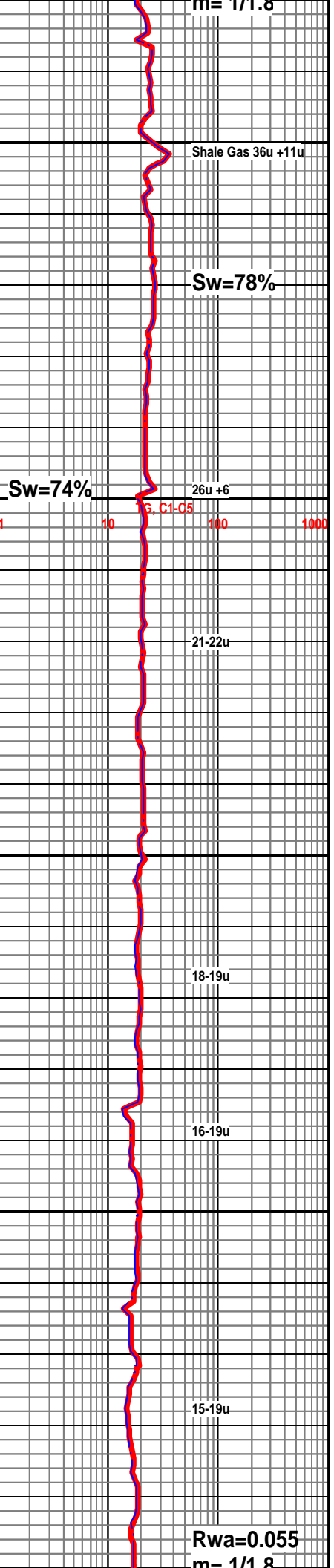
Wackestone; slight increase in micro-oolitic to fossiliferous, tight look in wet, no show.

Shale; slight increase in soft, black shale here.

Mudstone; cream to tan, and off white, most chalky, trace, bone white and cream chert.

Wackestone; slight increase in cream to off white micro-oolitic tight look wet, dull blue-white mineral fluorescence only, no show.

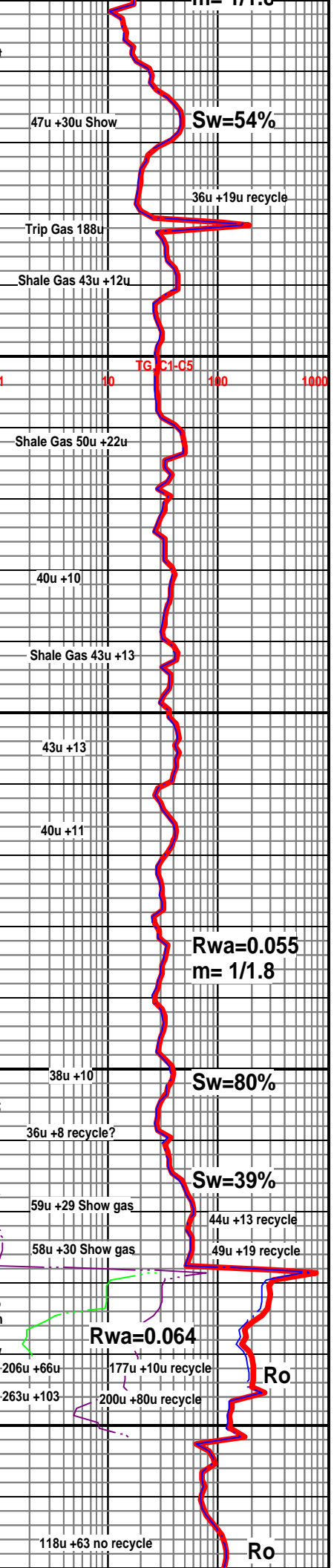
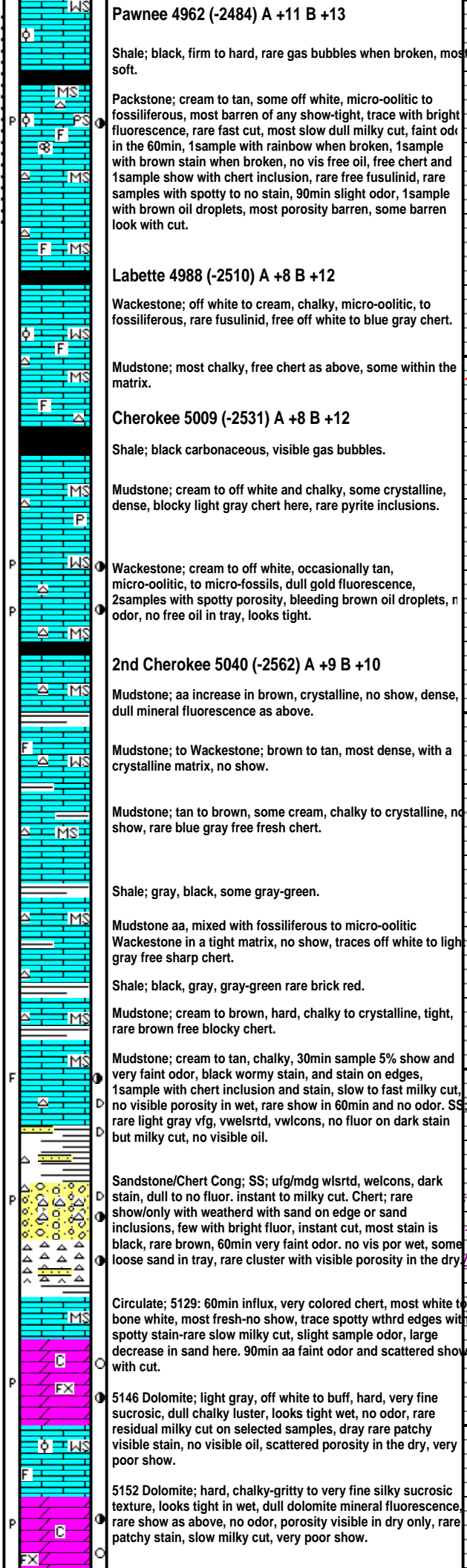
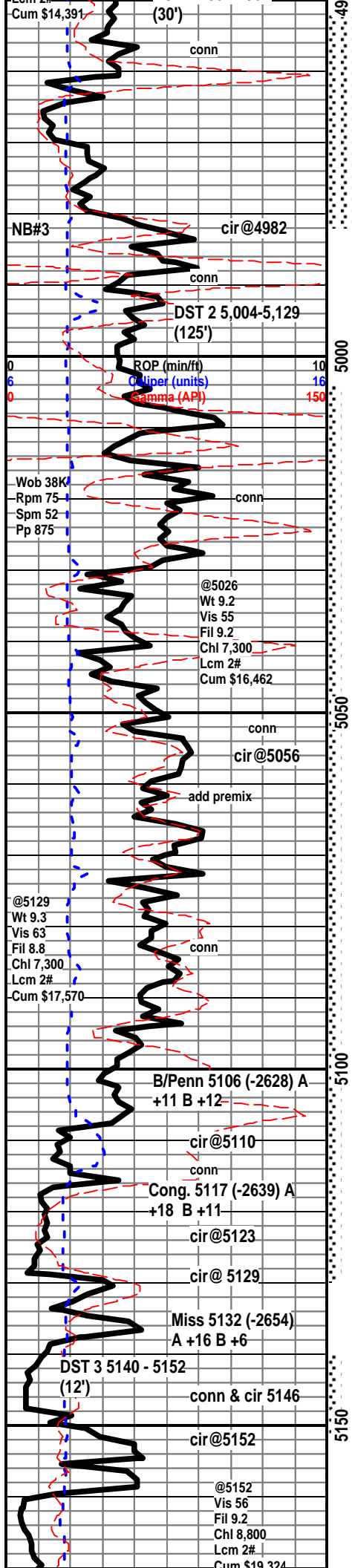
Wackestone; cream to off white, chalky to crystalline, micro-oolitic, 5 samples with bright white fluorescence no cut no visible oil, no odor, no visible porosity in the wet.

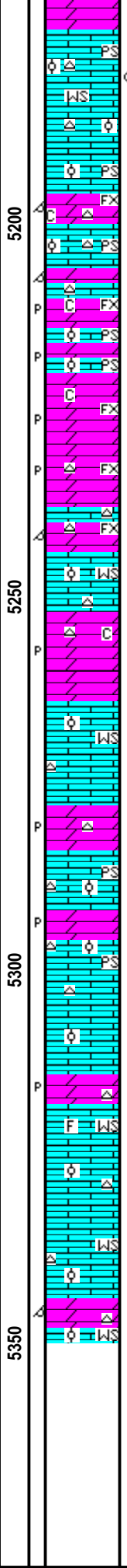
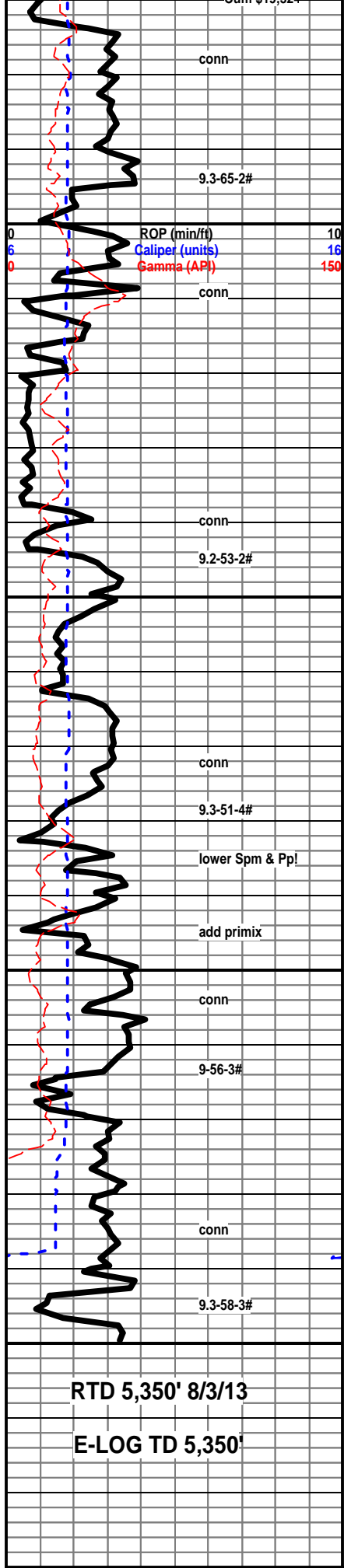


@4982  
 Wt 9.3  
 Vis 49  
 Fil 9.2  
 Chl 5,100  
 L cm 2#

DST 1 4952-4982

Rwa=0.055  
 m= 1/1.8





Dolomite; 5160-5174 light gray, cream-buff, hard to firm, gritty-chalky texture to occasionally fine-xly-sucrosic, scattered porosity, rare patchy stain, cut on selected samples most no cut, faint odor, no live oil visible.

Packstone; off white, chalky, micor-oolitic, friable, 1sample with residual ring cut, no visible oil or porosity in wet, increase in free chert, some oolitic chert.

Dolomite; gray, to brown hard, very fine sucrosic, rare oomoldic por. no show, faint odor in samples.

Packstone; most off white to cream, fine oolitic to micro-oolitic, no show, faint sample odor.

Dolomite; slight increase in brown, no show, loss of sample odor here, barren porosity in dry

Dolomite; increase in light gray, sucrosic, hard to firm, barren porosity in the dry, no cut on selected samples, no visible live oil show in wet or dry samples.

Chert; increase in free chert, some oolitic.

Dolomite; brown, very hard, scattered oomoldic looking barren porosity.

Wackestone; to Packstone; micro-oolitic, hard-friable, increase in opaque, white and some colored free chert.

Dolomite; buff to tan, hard, slight increase in gritty texture-chalky dull look, no show, no cut on selected samples

Wackestone; off white, cream, firm to friable, micro-oolitic in chalky matrix, free chert as above, no show. 5,250 samples commenced large influx black, gray and very colored blocky to tabular shales-cave?

Dolomite; buff to light gray, sucrosic, hard-no show.

Packstone; cream, off white to white, firm to soft, most chalky matrix, micro-oolitic, to small oolites in the matrix, free chert as above.

As above; approx 40% shale in samples, black to gray and very colored-cave?

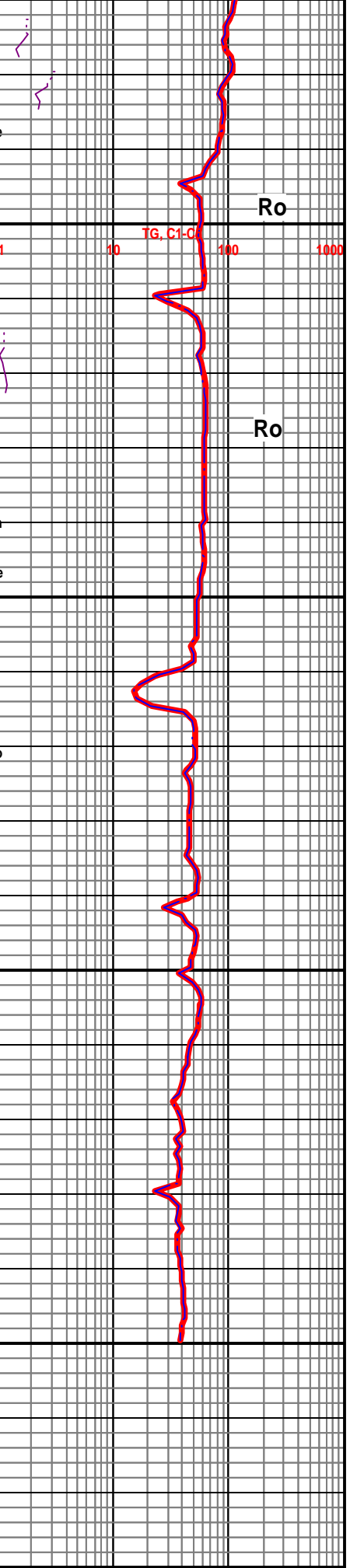
Packstone; to Wackestone; small oolitic to micro-oolitic, soft to brittle, less free chert with depth, sample quality very poor, much shale in samples.

Dolomite; light gray to buff, gritty-chalky texture, 50%-60% shale here.

Wackestone to Packstone; cream to off white, micor-foss and oolitic, sample quality very poor approx. 60% to 70% shale.

Wackestone; to Packstone; as above, no real change here, no show, as above free chert some fossiliferous.

Dolomite; buff to light gray, hard, scattered barren oomoldic look, no show, very poor quality samples as above!



RTD 5,350' 8/3/13  
E-LOG TD 5,350'

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



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

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

Sam Brownback, Governor

November 20, 2013

M.L. Korphage  
Vincent Oil Corporation  
155 N MARKET STE 700  
WICHITA, KS 67202-1821

Re: ACO1  
API 15-057-20905-00-00  
Hawes Ranch 1-22  
NE/4 Sec.22-28S-23W  
Ford County, Kansas

Dear Production Department:

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

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

Respectfully,  
M.L. Korphage