

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1242695
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: _____

1242695

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

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> _____	PRODUCTION INTERVAL: _____ _____
--	--	---

Form	ACO1 - Well Completion
Operator	Vincent Oil Corporation
Well Name	Keough 2-34
Doc ID	1242695

All Electric Logs Run

Dual Induction
Density - Neutron
Micro-log
Sonic

Form	ACO1 - Well Completion
Operator	Vincent Oil Corporation
Well Name	Keough 2-34
Doc ID	1242695

Tops

Name	Top	Datum
Heebner Shale	4322	(-1807)
Brown Limestone	4459	(-1944)
Lansing	4470	(-1955)
Stark Shale	4805	(-2290)
Pawnee	5026	(-2511)
Cherokee Shale	5072	(-2557)
Base Penn Limestone	5172	(-2657)
Mississippian	5193	(-2678)
RTD	5320	(-2805)

QUALITY WELL SERVICE, INC.

6249

Federal Tax I.D. # 481187368

Home Office 324 Simpson St., Pratt, KS 67124

Office 620-727-3410
Fax 620-672-3663

Rich's Cell 620-727-3409
Brady's Cell 620-727-6964

Date	1714	Sec.	34	Twp.	28s	Range	23w	County	Ford	State	KS	On Location	200AM	Finish	500AM				
Lease	Keough		Well No.	2-34		Location Kingsdown KS, 2w, 4w, 1N, 4/10													
Contractor	Ual #					Owner Vincent													
Type Job	Surface					To Quality Well Service, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.													
Hole Size	12 1/4		ID. 650'																
Csg.	8 5/8		23 7/8		Depth		650'									Charge To	Vincent		
Tbg. Size						Depth					Street								
Tool						Depth					City					State			
Cement Left in Csg.	42'		Shoe Joint		42-16										The above was done to satisfaction and supervision of owner agent or contractor.				
Meas Line	Displace					39 Bbls Fresh										Cement Amount Ordered		125sxMDC + 1/4" Floseal #	
EQUIPMENT										125sx class A + 2% gel + 3% cc + 1/4" Floseal									
Pumptrk	8	No.	Mike B		Common										125sx				
Bulktrk	10	No.	David B		Poz. Mix										125sx MDC				
Bulktrk	9	No.	David L		Gel.										11				
Pickup		No.			Calcium										10				
JOB SERVICES & REMARKS										Hulls									
Rat Hole											Salt								
Mouse Hole											Flowseal					66.25			
Centralizers											Kol-Seal								
Baskets											Mud CLR 48								
D/V or Port Collar	Ran 15 jts @ 5/8 csg										CFL-117 or CD110 CAF 38								
- Pipe on Btm, Break Circ. Pump Spacer										Sand									
5 Bbls Fresh, Mix 125sx Lite weight, Mix										Handling					271				
125sx tail cement, Stop, Release Plug,										Mileage					50				
Start Disp w/ Fresh H ₂ O, Wash up truck										FLOAT EQUIPMENT									
See Steady increase in PSI, Slow										Guide Shoe									
Rate Bump Plug at 39 Bbls to										Centralizer									
Disp., Shut in, Cement Did Circ.										Baskets									
										AFU Inserts					- 8 5/8" - 1" Baffle Plate				
										Float Shoe									
										Latch Down					- 8 5/8" - 1" - Wooden Cup Plug				
										LMU					50				
										Service Supervisor									
										Pumptrk Charge					Surface.				
										Mileage					50 x .2				
															Tax				
															Discount				
															Total Charge				
Signature										Rick Smith									

ALLIED OIL & GAS SERVICES, LLC 063942

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:
great Bend

10-28-14 DATE	SEC. 34	TWP. 28	RANGE 23	CALLED OUT	ON LOCATION 2:00am	JOB START 7:00am	JOB FINISH 8:00am
<u>Rough</u> LEASE	WELL # 2-34		LOCATION <u>Kingsdown 2N 4 on wellburn</u>		COUNTY <u>Good</u>	STATE <u>K2</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)			N on 121st 1E				

CONTRACTOR <u>val #2</u>	
TYPE OF JOB <u>Ripe</u>	
HOLE SIZE <u>7 7/8</u>	T.D. <u>5320</u>
CASING SIZE <u>4 1/2</u>	11.6# DEPTH <u>5320</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT <u>44.41</u>
CEMENT LEFT IN CSG. <u>44.41</u>	
PERFS.	
DISPLACEMENT <u>H20 81.77 BBI</u>	

OWNER <u>name</u>	
CEMENT	
AMOUNT ORDERED <u>50m 60/40 47 gal</u>	
<u>175m ASC 5# Kalsol - 54. FI -160</u>	
<u>+ gas block</u>	
COMMON	@ _____
POZMIX	@ _____
GEL	@ _____
CHLORIDE	@ _____
ASC 175	@ 23.50 4.112.50
DV 1100 500	@ 1.25 675.00
Kcl 10 gal	@ 34.40 344.00
50# 60/40 + 400	@ 18.92 946.00
Kalsol 875	@ .98 857.50
FI-160 82	@ 18.90 1,549.80
G+ Block 25	@ 23.50 587.50
	M actual total 9,072.30
	Dial 28% 2,540.28
HANDLING 279.03	Service @ 2.48 691.99
MILEAGE 12.05 x 35	4 2.75 1159.81

REMARKS:

Rg Run 5320' 94 cas. Break down 2/1 rig
Final deep full pump through 2
pump 5 BBI H20 10 BBI dr 1100 5 BBI H20
plug rat hole 30m plug mouse hole 20m
mix 175 m ASC shut down work
pump & line Release plug displace
81.77 BBI H20 2/1 KCl plug did 0.00
float did hold

DEPTH OF JOB <u>5320</u>	
PUMP TRUCK CHARGE	3099.25
EXTRA FOOTAGE	@ _____
MILEAGE <u>Hum 35</u>	@ 7.70 269.50
MANIFOLD	@ _____
<u>Hum 35</u>	@ 4.40 154.00
	@ _____

CHARGE TO: Vincent oil corp
STREET _____
CITY _____ STATE _____ ZIP _____

TOTAL 5,374.55
Dial 28% 1504.88

PLUG & FLOAT EQUIPMENT

<u>guide shoe</u>		225.00
<u>AFU cement</u>	@ 291.00	291.00
<u>6- centralizers</u>	@ 57.00	342.00
<u>Rubber plug</u>	@ 93.00	83.00
	@ _____	
	@ _____	

TOTAL 941.00
Dial 28% 263.48

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 <u>15,387.85</u>	
DISCOUNT <u>28%</u>	4,308.60
	IF PAID IN 30 DAYS
	<u>11,079.25</u>

PRINTED NAME Pat Livingston
SIGNATURE Pat Livingston

Thank you!



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Vincent Oil Corp.
155 N. Market Ste. 700
Wichita, KS 67202-1821
ATTN: Tom Dudgeon

34-28s-23w Ford Co., KS

Keough 2-34

Job Ticket: 59914

DST#: 1

Test Start: 2014.10.23 @ 04:21:43

GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 06:54:28

Time Test Ended: 12:14:43

Test Type: Conventional Bottom Hole (Initial)

Tester: Ryan Reynolds

Unit No: 68

Interval: 5011.00 ft (KB) To 5050.00 ft (KB) (TVD)

Reference Elevations: 2514.00 ft (KB)

Total Depth: 5050.00 ft (KB) (TVD)

2505.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

Serial #: 8790

Inside

Press@RunDepth: 32.90 psig @ 5012.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.10.23

End Date:

2014.10.23

Last Calib.:

2014.10.23

Start Time: 04:21:48

End Time:

12:14:42

Time On Btm:

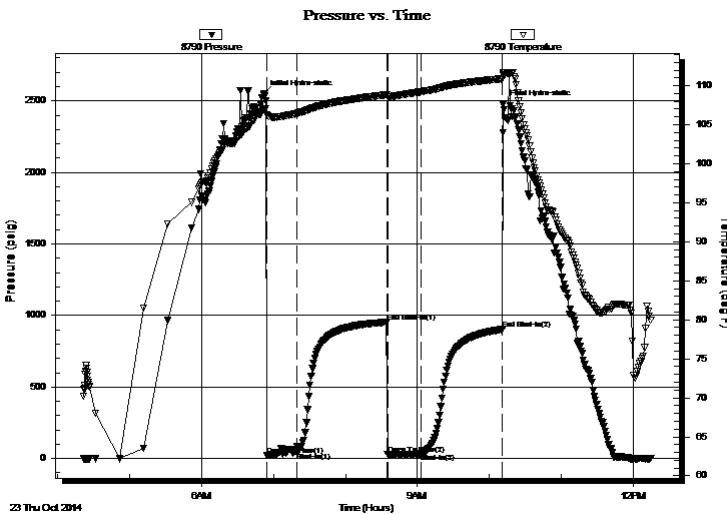
2014.10.23 @ 06:52:13

Time Off Btm:

2014.10.23 @ 10:11:43

TEST COMMENT: IF: Weak blow . surf. -1"
IS: No blow
FF: Weak blow . surf. - 1"
FS: No blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2547.96	106.98	Initial Hydro-static
3	21.16	106.29	Open To Flow (1)
28	44.58	106.43	Shut-In(1)
102	953.47	108.84	End Shut-In(1)
103	27.87	108.61	Open To Flow (2)
132	32.90	109.22	Shut-In(2)
199	902.87	110.90	End Shut-In(2)
200	2473.95	111.70	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
35.00	OWGCM 1%o, 4%w, 7%g, 88%m	0.49

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Vincent Oil Corp.

34-28s-23w Ford Co., KS

155 N. Market Ste. 700
Wichita, KS 67202-1821

Keough 2-34

Job Ticket: 59914

DST#: 1

ATTN: Tom Dudgeon

Test Start: 2014.10.23 @ 04:21:43

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:

5600 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5600.00 ppm

Filter Cake: 0.05 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
35.00	OWGCM 1%o, 4%w, 7%g, 88%m	0.491

Total Length: 35.00 ft Total Volume: 0.491 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

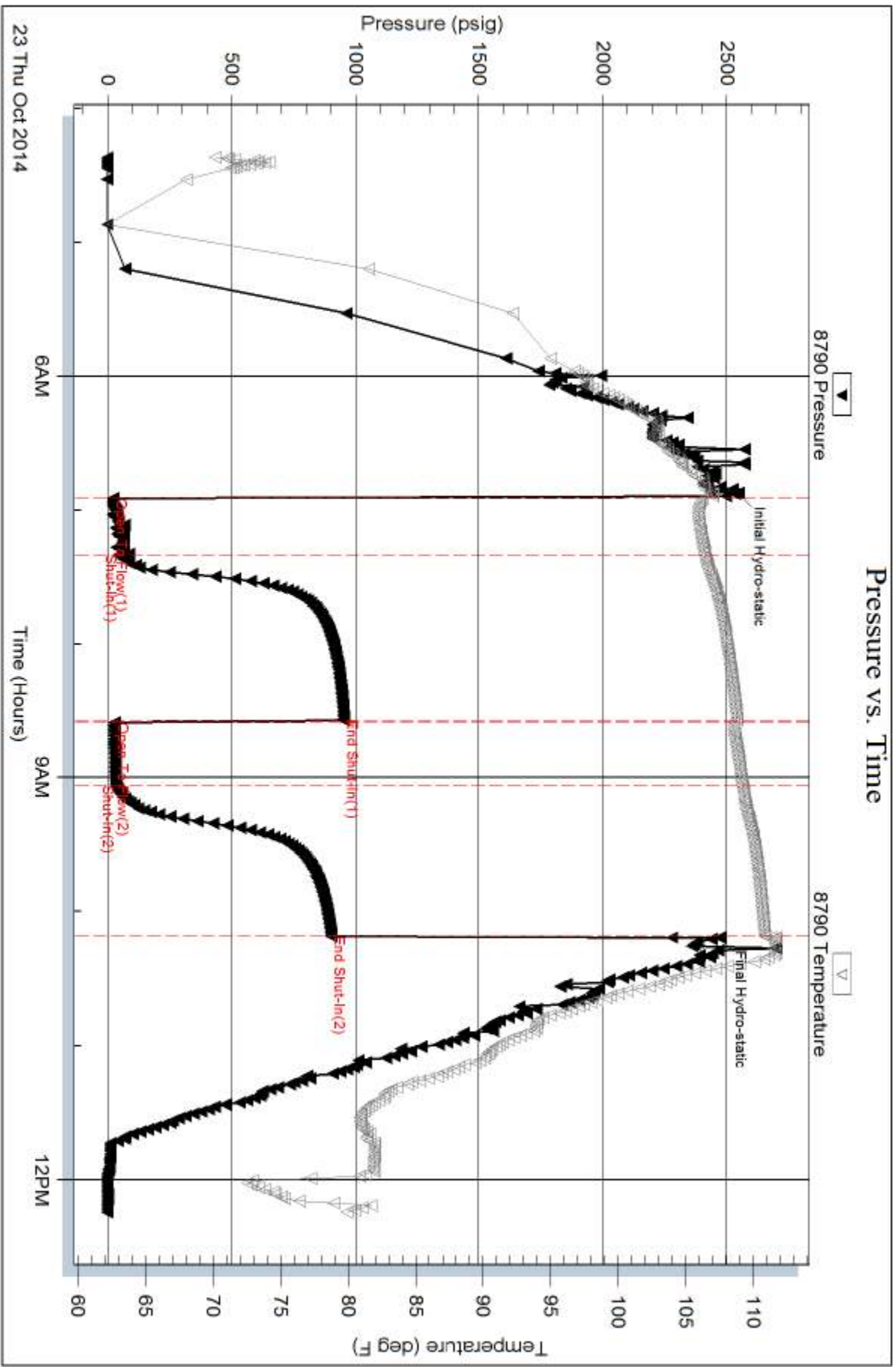
Serial #: 8790

Inside

Vincent Oil Corp.

Keough 2-34

DST Test Number: 1





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Vincent Oil Corp.
155 N. Market Ste. 700
Wichita, KS 67202-1821
ATTN: Tom Dudgeon

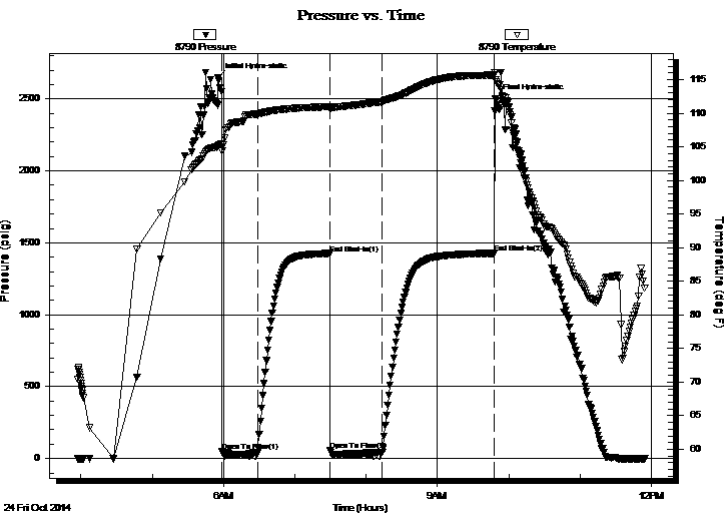
34-28s-23w Ford Co., KS
Keough 2-34
Job Ticket: 59915 **DST#: 2**
Test Start: 2014.10.24 @ 03:57:20

GENERAL INFORMATION:

Formation: **B. Penn**
Deviated: No Whipstock: 0.00 ft (KB)
Time Tool Opened: 05:58:50
Time Test Ended: 11:54:35
Interval: **5110.00 ft (KB) To 5170.00 ft (KB) (TVD)**
Total Depth: 5170.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Reset)
Tester: Ryan Reynolds
Unit No: 68
Reference Elevations: 2514.00 ft (KB)
2505.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 8790 **Inside**
Press@RunDepth: 43.38 psig @ 5117.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2014.10.24 End Date: 2014.10.24 Last Calib.: 2014.10.24
Start Time: 03:57:25 End Time: 11:54:34 Time On Btm: 2014.10.24 @ 05:55:35
Time Off Btm: 2014.10.24 @ 09:48:50

TEST COMMENT: IF: Strong blow . BOB @ 4 min.
IS: No blow .
FF: Strong blow . BOB immed. GTS @ 15 min.
FS: No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2650.01	105.14	Initial Hydro-static
4	48.51	104.38	Open To Flow (1)
33	40.01	109.86	Shut-In(1)
94	1425.58	111.00	End Shut-In(1)
95	54.47	110.71	Open To Flow (2)
138	43.38	111.69	Shut-In(2)
232	1426.65	115.67	End Shut-In(2)
234	2499.03	114.94	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Drig mud	0.42

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	16.00	11.75
Last Gas Rate	0.13	22.00	14.00
Max. Gas Rate	0.13	22.00	14.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Vincent Oil Corp.

34-28s-23w Ford Co., KS

155 N. Market Ste. 700
Wichita, KS 67202-1821

Keough 2-34

Job Ticket: 59915

DST#: 2

ATTN: Tom Dudgeon

Test Start: 2014.10.24 @ 03:57:20

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:

5600 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbf

Water Loss: 9.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5600.00 ppm

Filter Cake: 0.05 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
30.00	Drig mud	0.421

Total Length: 30.00 ft

Total Volume: 0.421 bbf

Num Fluid Samples: 1

Num Gas Bombs: 1

Serial #: RR-1

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:

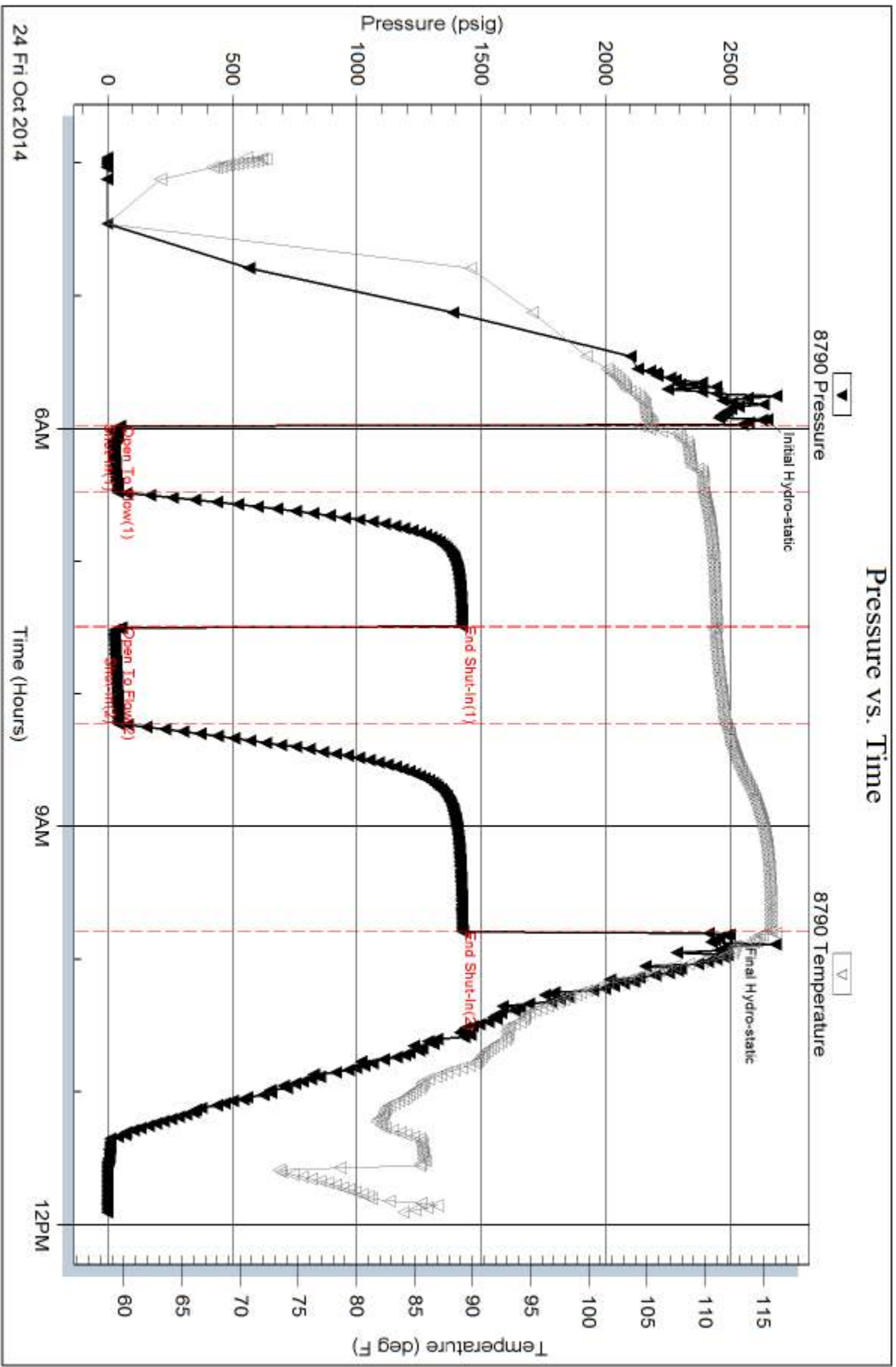
Serial #: 8790

Inside

Vincent Oil Corp.

Keough 2-34

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 59915

Printed: 2014, 10/24 @ 13:14:14



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Vincent Oil Corp.
155 N. Market Ste. 700
Wichita, KS 67202-1821
ATTN: Tom Dudgeon

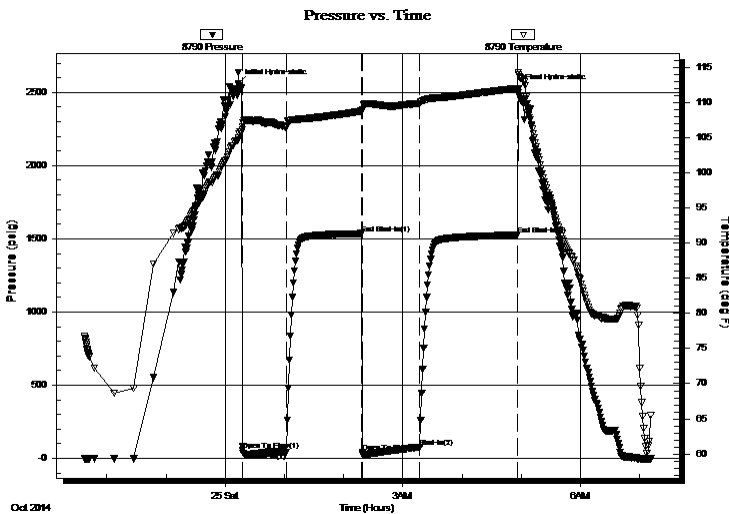
34-28s-23w Ford Co., KS
Keough 2-34
Job Ticket: 59916 **DST#: 3**
Test Start: 2014.10.24 @ 21:37:28

GENERAL INFORMATION:

Formation: **Conglomerate**
Deviated: No Whipstock: 0.00 ft (KB)
Time Tool Opened: 00:17:28
Time Test Ended: 07:11:58
Interval: **5168.00 ft (KB) To 5196.00 ft (KB) (TVD)**
Total Depth: 5196.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Reset)
Tester: Ryan Reynolds
Unit No: 68
Reference Elevations: 2514.00 ft (KB)
2505.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 8790 Inside
Press @ Run Depth: 77.76 psig @ 5169.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2014.10.24 End Date: 2014.10.25 Last Calib.: 2014.10.25
Start Time: 21:37:33 End Time: 07:11:58 Time On Btm: 2014.10.25 @ 00:13:28
Time Off Btm: 2014.10.25 @ 04:56:58

TEST COMMENT: IF: Strong blow . BOB @ 30sec. GTS @ 33min.
IS: No blow
FF: Strong blow . BOB immed. Gauged gas.
FS: No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2562.89	105.01	Initial Hydro-static
4	57.75	106.57	Open To Flow (1)
49	43.41	106.40	Shut-In(1)
125	1536.35	108.77	End Shut-In(1)
126	38.59	108.91	Open To Flow (2)
184	77.76	109.86	Shut-In(2)
283	1525.26	112.00	End Shut-In(2)
284	2523.40	114.27	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	Drig mud	0.56

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	26.00	15.50
Last Gas Rate	0.13	52.00	25.23
Max. Gas Rate	0.13	52.00	25.23

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Vincent Oil Corp.

34-28s-23w Ford Co., KS

155 N. Market Ste. 700
Wichita, KS 67202-1821

Keough 2-34

Job Ticket: 59916

DST#: 3

ATTN: Tom Dudgeon

Test Start: 2014.10.24 @ 21:37:28

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:

6500 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6500.00 ppm

Filter Cake: 0.05 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	Drig mud	0.561

Total Length: 40.00 ft

Total Volume: 0.561 bbl

Num Fluid Samples: 1

Num Gas Bombs: 2

Serial #: RR-2

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

Vincent Oil Corp.

34-28s-23w Ford Co., KS

155 N. Market Ste. 700
Wichita, KS 67202-1821

Keough 2-34

Job Ticket: 59916

DST#: 3

ATTN: Tom Dudgeon

Test Start: 2014.10.24 @ 21:37:28

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	35	0.13	26.00	15.50
1	35	0.13	26.00	15.50
1	45	0.13	28.00	16.24
2	10	0.13	16.00	11.75
2	20	0.13	27.00	15.87
2	30	0.13	36.00	19.24
2	40	0.13	45.00	22.61
2	50	0.13	52.00	25.23

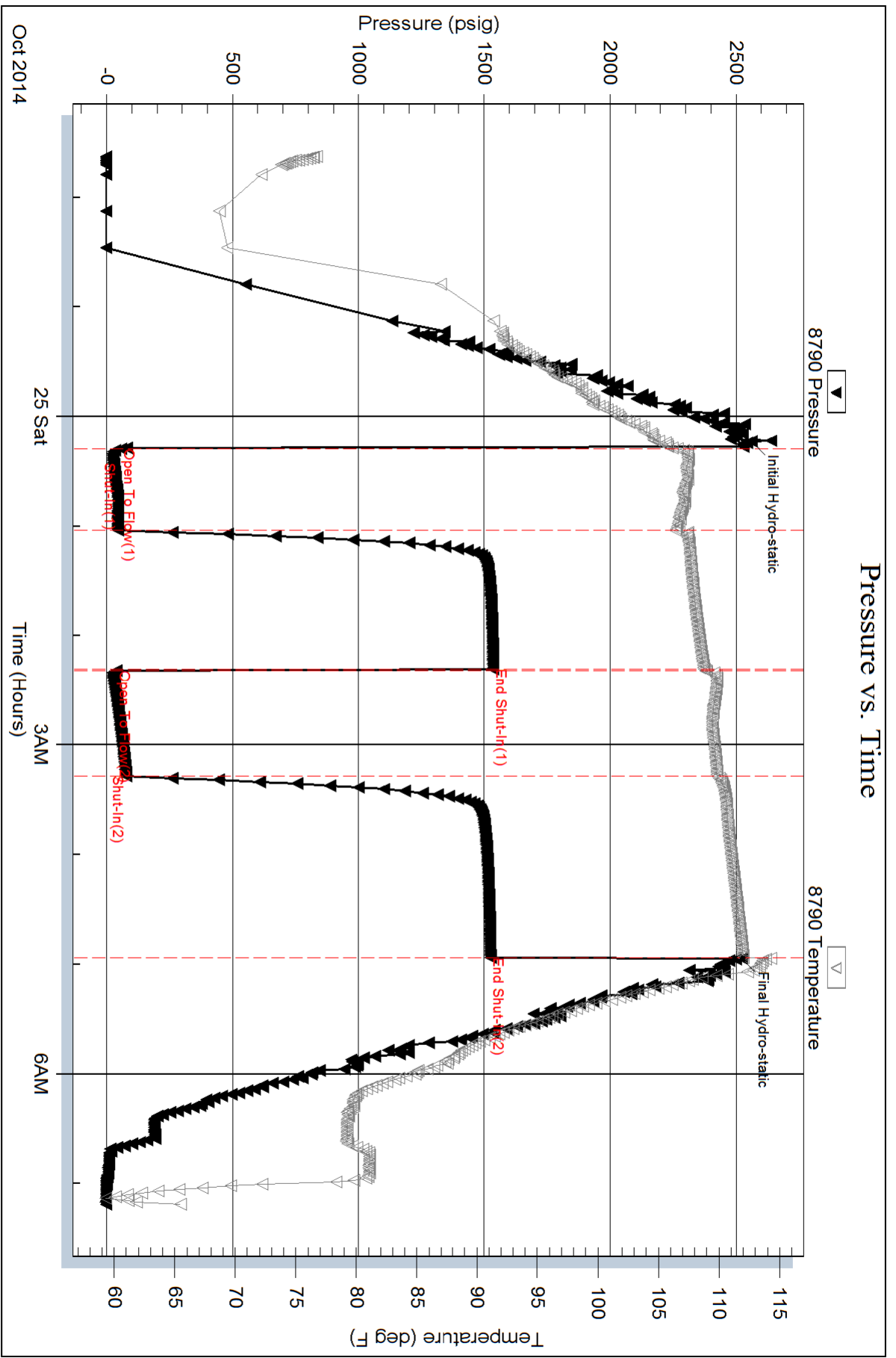
Serial #: 8790

Inside

Vincent Oil Corp.

Keough 2-34

DST Test Number: 3





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Vincent Oil Corp.
 155 N. Market Ste. 700
 Wichita, KS 67202-1821
 ATTN: Tom Dudgeon

34-28s-23w Ford Co., KS
Keough 2-34
 Job Ticket: 59917 **DST#: 4**
 Test Start: 2014.10.25 @ 16:45:45

GENERAL INFORMATION:

Formation: **Miss.**
 Deviated: No Whipstock: 0.00 ft (KB)
 Time Tool Opened: 19:17:30
 Time Test Ended: 02:16:15
 Interval: **5205.00 ft (KB) To 5220.00 ft (KB) (TVD)**
 Total Depth: 5220.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Ryan Reynolds
 Unit No: 68
 Reference Elevations: 2514.00 ft (KB)
 2505.00 ft (CF)
 KB to GR/CF: 9.00 ft

Serial #: 8790

Inside

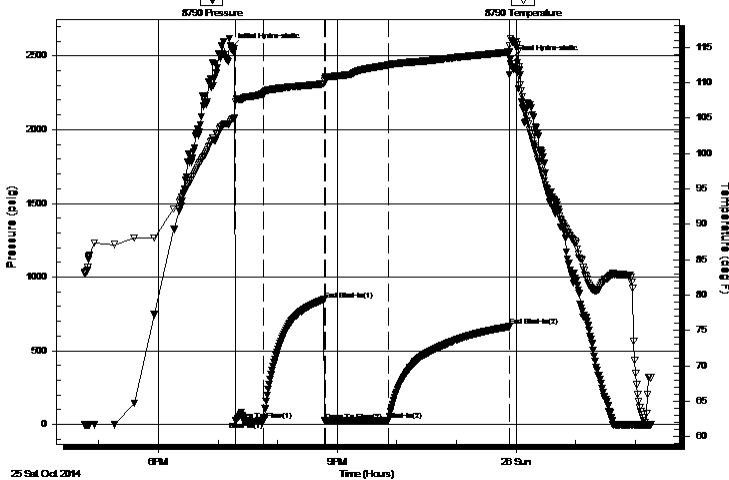
Press @ Run Depth: 28.80 psig @ 5206.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.10.25 End Date: 2014.10.26 Last Calib.: 2014.10.26
 Start Time: 16:45:50 End Time: 02:16:15 Time On Btm: 2014.10.25 @ 19:13:45
 Time Off Btm: 2014.10.25 @ 23:54:15

TEST COMMENT: IF: Strong blow . BOB @ 20sec. No GTS.
 IS: No blow
 FF: Strong blow . BOB immed. GTS @ 57min. TSTM
 FS: No blow

PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2553.24	104.79	Initial Hydro-static
4	30.30	107.34	Open To Flow (1)
33	24.54	108.46	Shut-In(1)
93	847.57	109.83	End Shut-In(1)
94	21.68	110.55	Open To Flow (2)
158	28.80	112.50	Shut-In(2)
280	664.17	114.32	End Shut-In(2)
281	2475.33	116.25	Final Hydro-static

Pressure vs. Time



Recovery

Length (ft)	Description	Volume (bbl)
50.00	GOCM 15%g, 25%o, 60%m	0.70

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Vincent Oil Corp.

34-28s-23w Ford Co., KS

155 N. Market Ste. 700
Wichita, KS 67202-1821

Keough 2-34

Job Ticket: 59917

DST#: 4

ATTN: Tom Dudgeon

Test Start: 2014.10.25 @ 16:45:45

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

9100 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 9100.00 ppm

Filter Cake: 0.05 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
50.00	GOCM 15%g, 25%o, 60%m	0.701

Total Length: 50.00 ft

Total Volume: 0.701 bbl

Num Fluid Samples: 1

Num Gas Bombs: 3

Serial #: RR-3

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:

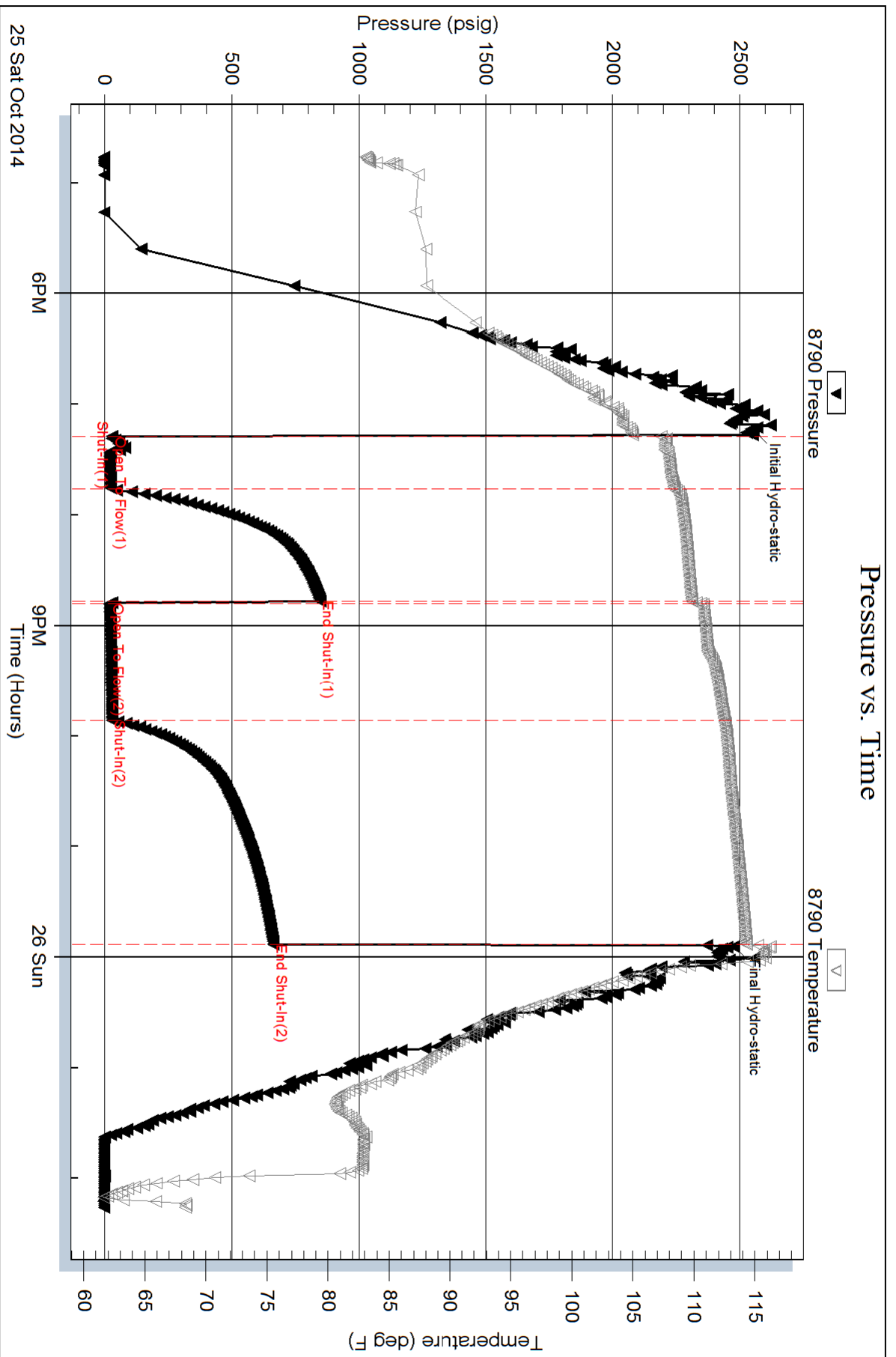
Serial #: 8790

Inside

Vincent Oil Corp.

Keough 2-34

DST Test Number: 4



Triobite Testing, Inc

Ref. No: 59917

Printed: 2014.10.26 @ 05:00:42



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Vincent Oil Corp.
 155 N. Market Ste. 700
 Wichita, KS 67202-1821
 ATTN: Tom Dudgeon

34-28s-23w Ford Co., KS
Keough 2-34
 Job Ticket: 59918 **DST#: 5**
 Test Start: 2014.10.26 @ 10:17:17

GENERAL INFORMATION:

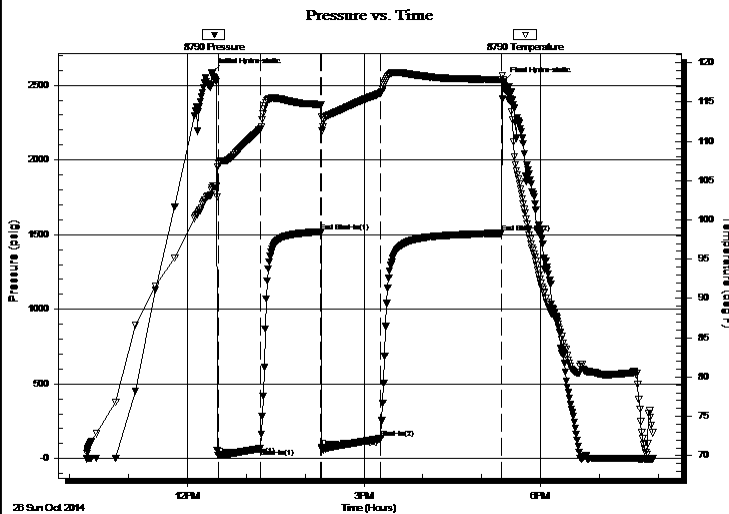
Formation: **Miss.**
 Deviated: No Whipstock: 0.00 ft (KB)
 Time Tool Opened: 12:31:17
 Time Test Ended: 19:54:32
 Interval: **5228.00 ft (KB) To 5237.00 ft (KB) (TVD)**
 Total Depth: 5237.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Ryan Reynolds
 Unit No: 68
 Reference Elevations: 2514.00 ft (KB)
 2505.00 ft (CF)
 KB to GR/CF: 9.00 ft

Serial #: 8790

Inside

Press @ Run Depth: 134.11 psig @ 5229.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.10.26 End Date: 2014.10.26 Last Calib.: 2014.10.26
 Start Time: 10:17:22 End Time: 19:54:32 Time On Btm: 2014.10.26 @ 12:25:02
 Time Off Btm: 2014.10.26 @ 17:22:02

TEST COMMENT: IF: Strong blow . BOB @ 1min.
 IS: GTS 2min. into. Weak 3" BB
 FF: Strong blow . BOB @ 30sec. Gauged gas.
 FS: Good 6" BB.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2585.99	103.78	Initial Hydro-static
7	20.08	106.73	Open To Flow (1)
50	67.10	111.54	Shut-In(1)
111	1518.68	114.66	End Shut-In(1)
112	76.36	113.14	Open To Flow (2)
173	134.11	116.11	Shut-In(2)
296	1509.57	117.81	End Shut-In(2)
297	2522.04	117.76	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	GOCM 21%g, 35%o, 44%m	0.84
250.00	Clean Gassy Oil 25%g, 75%o	3.51

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	4.00	7.26
Last Gas Rate	0.13	17.00	12.13
Max. Gas Rate	0.13	17.00	12.13

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Vincent Oil Corp.

34-28s-23w Ford Co., KS

155 N. Market Ste. 700
Wichita, KS 67202-1821

Keough 2-34

Job Ticket: 59918

DST#: 5

ATTN: Tom Dudgeon

Test Start: 2014.10.26 @ 10:17:17

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

39 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

6800 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6800.00 ppm

Filter Cake: 0.05 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
60.00	GOCM 21%g, 35%o, 44%m	0.842
250.00	Clean Gassy Oil 25%g, 75%o	3.507

Total Length: 310.00 ft

Total Volume: 4.349 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

Vincent Oil Corp.

34-28s-23w Ford Co., KS

155 N. Market Ste. 700
Wichita, KS 67202-1821

Keough 2-34

Job Ticket: 59918

DST#: 5

ATTN: Tom Dudgeon

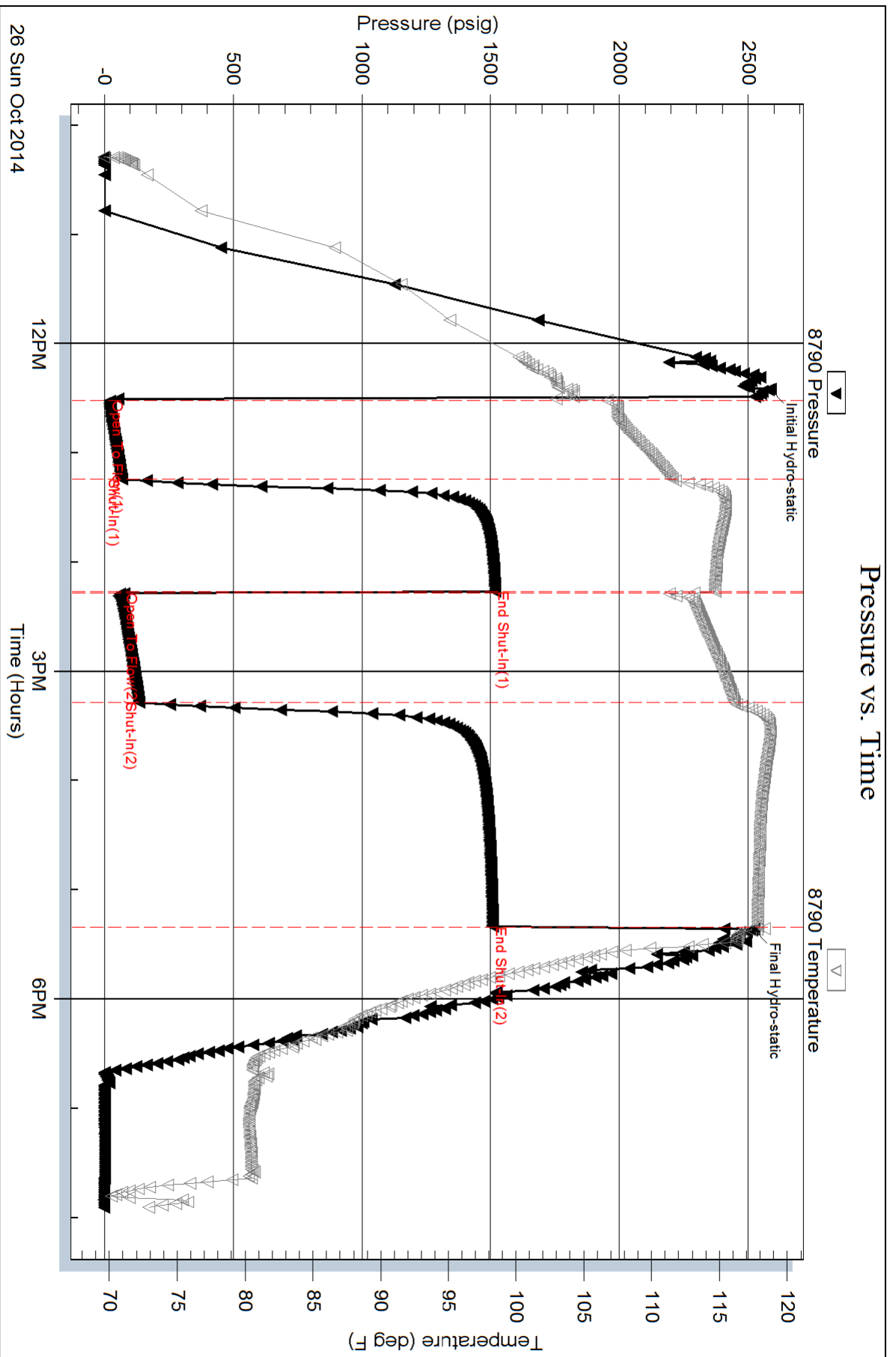
Test Start: 2014.10.26 @ 10:17:17

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	0.13	4.00	7.26
2	20	0.13	7.00	8.38
2	30	0.13	10.00	9.51
2	40	0.13	13.00	10.63
2	50	0.13	15.00	11.38
2	60	0.13	17.00	12.13





VINCENT OIL CORPORATION



Scale 1:240 Imperial

Well Name: Keough 2-34
Surface Location: 1340 FNL 343 FWL NE NW SW NW
Bottom Location:
API: 15-057-20944-00-00
License Number: 5004
Spud Date: 10/15/2014 Time: 2:00 PM
Region:
Drilling Completed: 10/27/2014 Time: 5:51 AM
Surface Coordinates: 1340 FNL & 343 FWL
Bottom Hole Coordinates:
Ground Elevation: 2505.00ft
K.B. Elevation: 2515.00ft
Logged Interval: 4200.00ft To: 5320.00ft
Total Depth: 5230.00ft
Formation: MISS
Drilling Fluid Type: Chemical

LOGGED BY

Company: Vincent Oil Corp
Address: 155 N Market Ste 700
Wichita, KS 67202
Phone Nbr: 316.262.3573
Logged By: Geologist Name: Tom Dudgeon

OPERATOR

Company: Vincent Oil Corp
Address: 155 N Market Ste 700
Wichita, KS 67202
Contact Geologist: Dick Jordan
Contact Phone Nbr: 316.262.3573
Well Name: Keough 2-34
Location: 1340 FNL 343 FWL NE NW SW NW API: 15-057-20944-00-00
Pool: Mulberry Creek
State: Kansas Country: USA

CONTRACTOR

Contractor: Val Drilling Co.
 Rig #: 2
 Rig Type: Rotary
 Spud Date: 10/15/2014
 TD Date: 10/27/2014
 Rig Release: 10/28/2014

Time: 2:00 PM
 Time: 5:51 AM
 Time: 12:00 AM

ELEVATIONS

K.B. Elevation: 2515.00ft
 K.B. to Ground: 10.00ft
 Ground Elevation: 2505.00ft

TOTAL DEPTH

Measurement Type:	Measurement Depth:	TVD:
Driller	5230.00	5231.00
Logger	5231.00	5231.00

SURFACE CO-ORDINATES

Well Type: Vertical
 Longitude: -99.8307254
 N/S Co-ord: 1340 FNL
 E/W Co-ord: 343 FWL
 Latitude: 37.5686274

DRILLING FLUID SUMMARY

Type	Date	From Depth	To Depth
Chemical	10/27/2014	3805.00ft	5231.00ft

OPEN HOLE LOGS

Logging Company: Nabors Completion and Production Services, Co.
 Logging Engineer: Jeff Groneweg
 Truck #: 4854
 Logging Date: 10/27/2014
 # Logs Run: 4

Time Spent: 7
 # Logs Run Successful: 4

LOGS RUN

Tool	Logged Interval	Logged Interval	Hours	Remarks	Run #
DI	0.00ft	5231.00ft	3.00		1
CN/DE/PE	4150.00ft	5231.00ft	3.00		1
Micro	4150.00ft	5231.00ft	4.00		2
Sonic	0.00ft	5231.00ft	4.00		2

LOGGING OPERATION SUMMARY

Date	From	To	Description Of Operation
10/27/2014	0.00ft	5231.00ft	Logs ran successfully

CASING SUMMARY

	Surface	Intermediate	Main		
Bit Size	12.25 in		7.88 in		
Hole Size	12.25 in		7.88 in		
	Size	Set At	Type	# of Joints	Drilled Out At
Surf Casing	8.625 in	644 ft	23#	15	10/17/2014 5:00 PM
Int Casing					
Prod Casing	4.5 in	5317 ft	11.6#	120	

CASING SEQUENCE

Type	Hole Size	Casing Size	At
	0.00 in	0.00	0.00 ft

DST #1

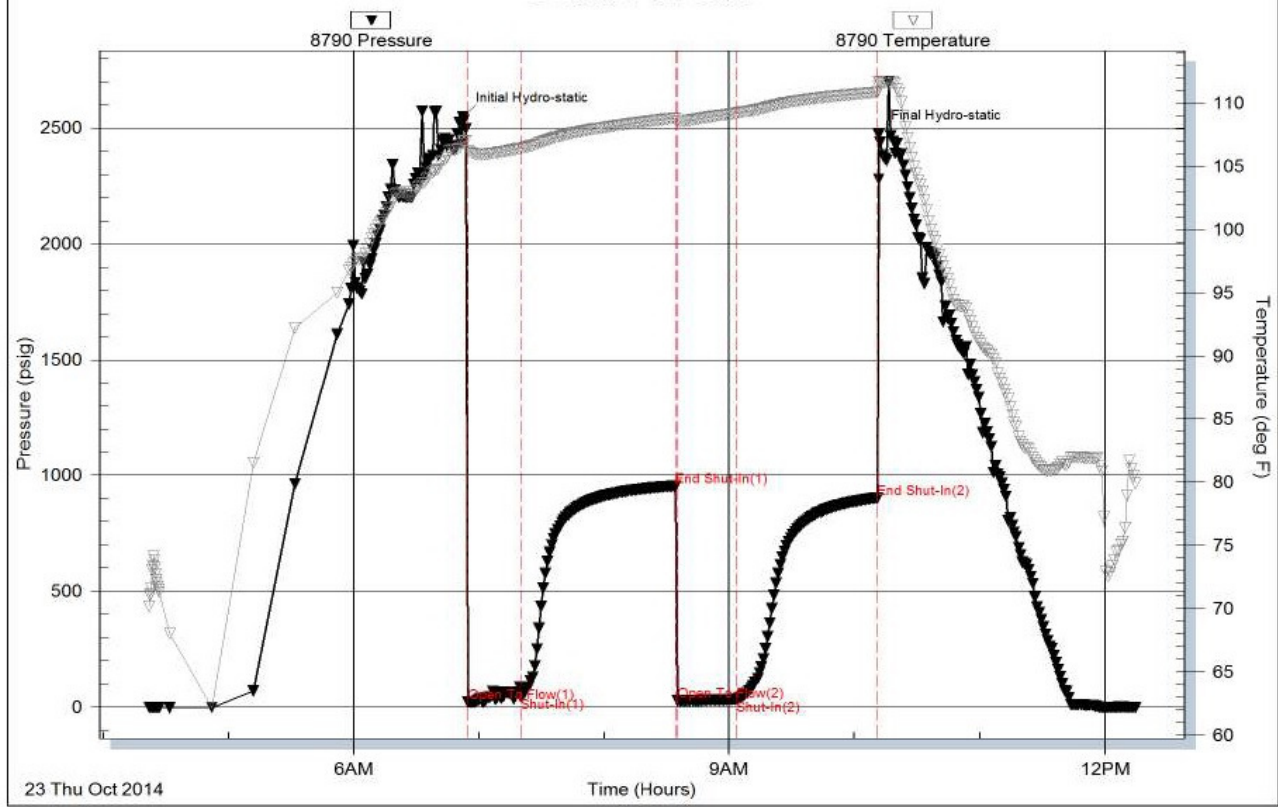
Serial #: 8790

Inside Vincent Oil Corp.

Keough 2-34

DST Test Number: 1

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 59914

Printed: 2014.10.23 @ 13:23:27

DST #2

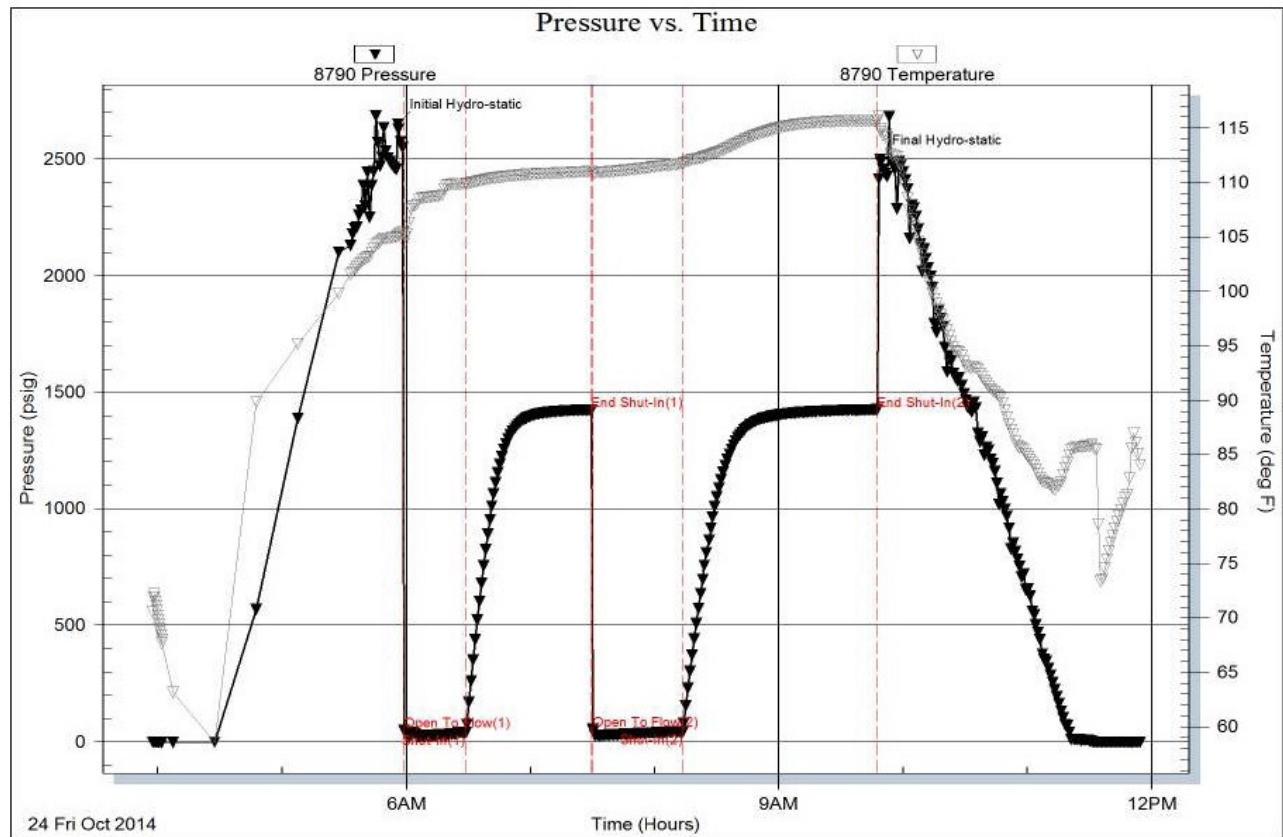
Serial #: 8790

Inside

Vincent Oil Corp.

Keough 2-34

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 59915

Printed: 2014.10.24 @ 13:14:14

DST #3

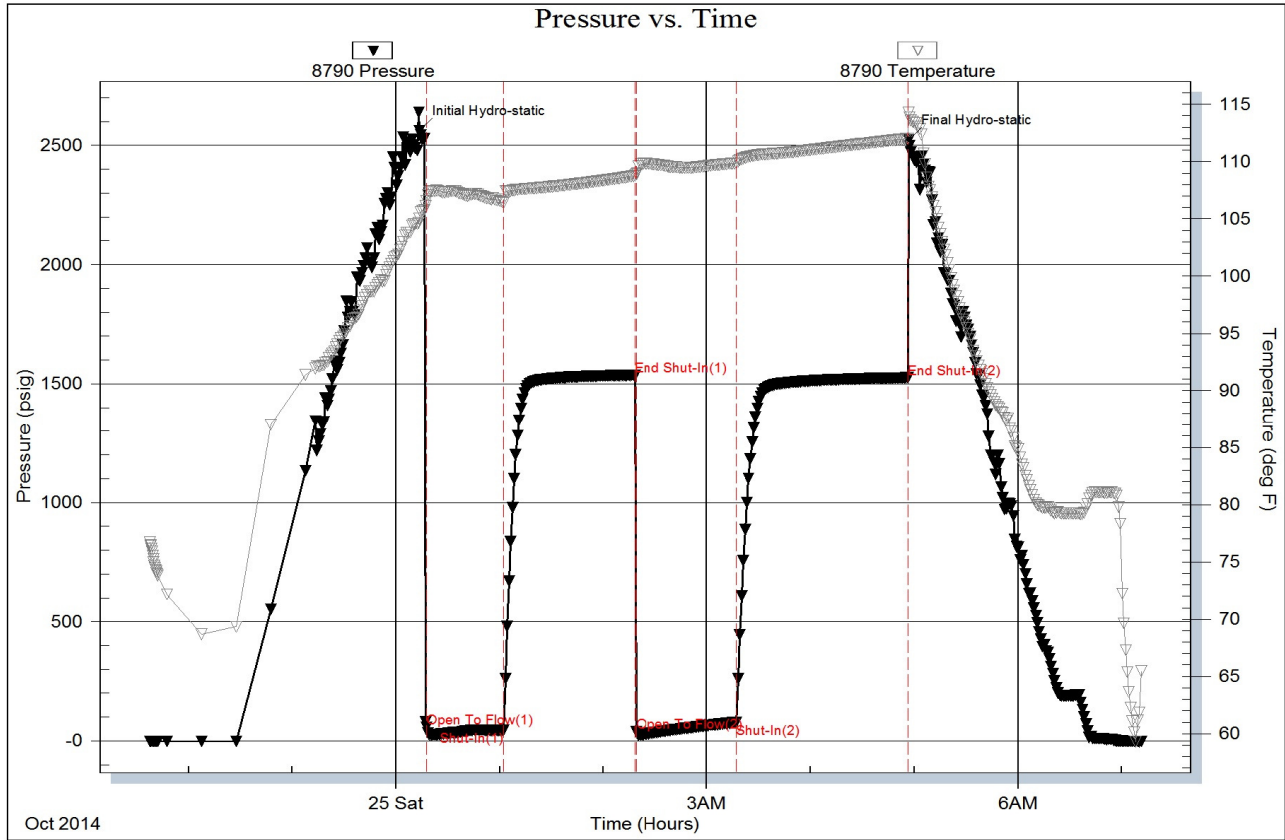
Serial #: 8790

Inside

Vincent Oil Corp.

Keough 2-34

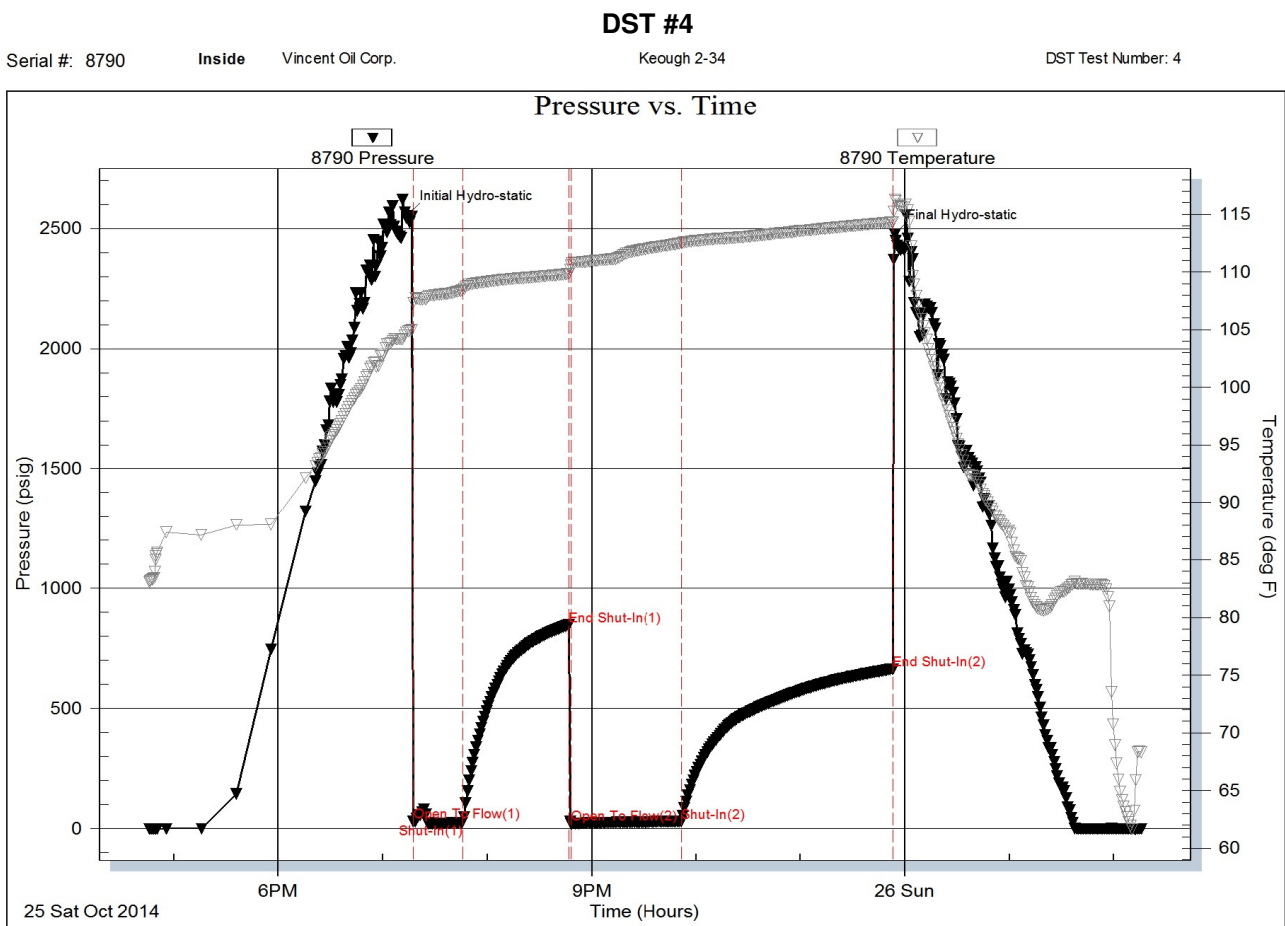
DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 59916

Printed: 2014.10.25 @ 09:59:30

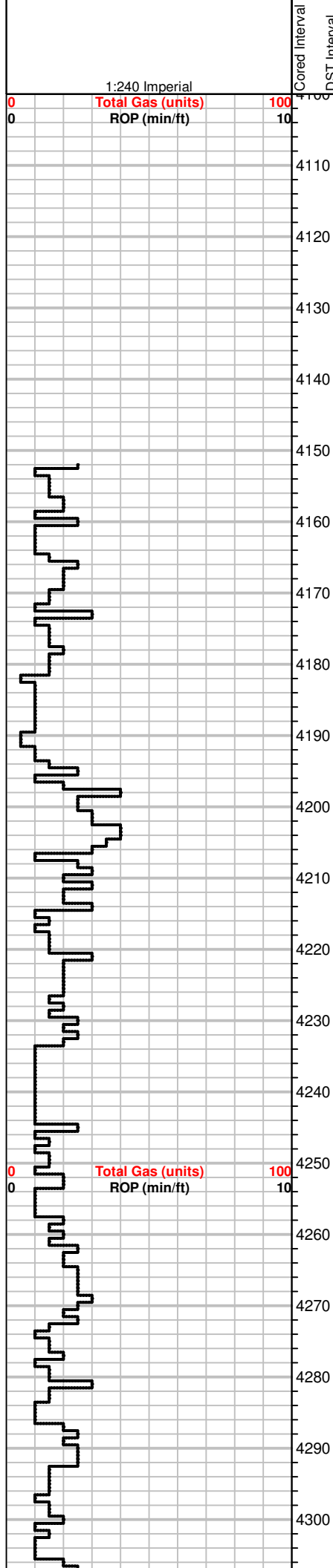


Trilobite Testing, Inc

Ref. No: 59917

Printed: 2014.10.26 @ 05:00:42

DST #5



Geologist on location @ 9:45AM 10/21/14

Gas Detector provided by MBC Well Logging on & working @ 4390'

Drill time from 4150' to RTD
10' Samples from 4200' to RTD

MS-WS, crm to lt. brn, mic-xln to earthy txt, sandy pcs scatt, chalky throughout, soft, friable, crinoids and brach frgmts, rare Chert, gray, fossilif.

MS to WS, A.A., some pcs micro oolitic, , rare Chert, white, fossilif, NS, moldic por.

WS, mottled, brn, tan, crm, gray, mic-xln, dense, m-gr oolitic in pcs, some pcs hard, f-gr oolitic, some pcs chalky matrix.

MS-WS, A.A., f-xln to vf-suc txt, earthy, dense, fusulinids, dull fluor, NS, Chert, white, crinoid frgmts.

MS, tan to gray, f-xln to vf-xln, A.A., firm, NS, Chert, white

MS, tan to primarily gray pcs, some crm, f to mic-xln, firm to hard, chalky matrix, dense scatt pcs, most firm, NS

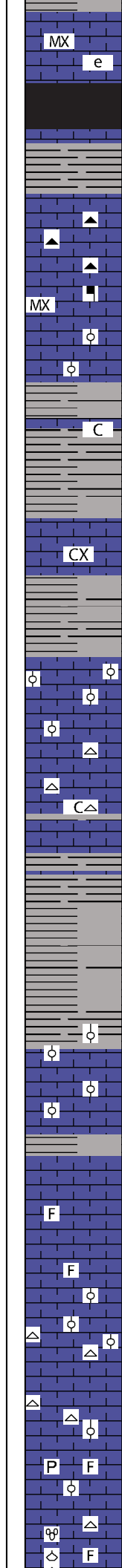
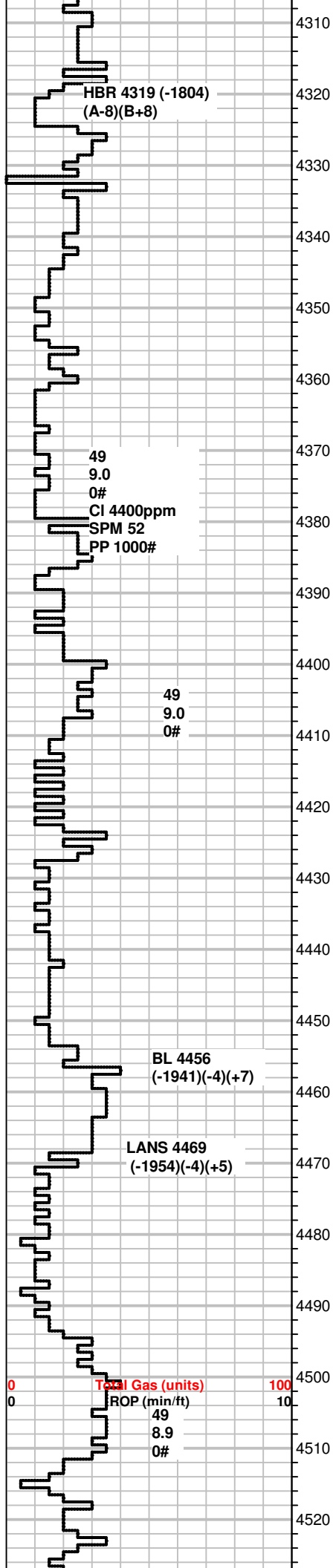
some SH, gray, MS, crm to brn, earthy to mic-xln, scatt chalky pcs, hard to firm, Chert, white, gray, fossilif.

MS, A.A., inc in gray SH, some WS, crm, f to m-gr oolitic, hard, NS

flood SH, blk, carbonaceous, dk. gray, some gas bubbles, scatt MS, crm, earthy, firm NS

SH, blk, A.A.

MS, crm to tan, massive to earthy txt, chalky in part, SH, blk, dk.



gray, dec. amt.

MS, tan to lt. gray, mic-xln to earthy, soft, chalky pcs, SH, blk

SH, blk, dk. gray, carbonaceous, MS, tan to lt. gray, rare pyrite, some glauc specs, fossilif.

SH, blk, A.A, rare bleeding gas
 MS, gray, chalky, firm, NS

MS, gray to crm, mic-xln, firm, rare chalky pcs, Chert, gray, white, stil carrying SH from above, blk, carb.

MS, gray, vf-xln to mic-xln, firm to hard, dense pcs, glauc, rare heavy minerals specs scatt.

MS, gray to crm, some pcs mottled w/ crm & gray, chalky matrix, scatt ooids (gray, m-gr), some fossils, dull fluor, ns scatt SH, blk, dk.brn, silty

MS, crm to tan, vf-xln to mic-xln, massive txt, sli. chalky pcs, hard, mineral fluor, NS
 SH, blk, gray

MS, tan cripto-xln, hard, dense, NS

SH, blk, grn, gray

MS-WS, crm to tan, some brn, f-xln, some dense pcs, micro-oolitic in part, firm, NS

MS, crm/gray, vf-xln, dense, mottled, mineral specs throughout, mirco-oolitic

MS, crm to gray, A.A., some f-xln, chalky matrix, mottled tan pcs, SH, gray, green, some striated, Chert, opaque.

SH, gray

MS, A.A., cm to gray, mic-xln, firm to brittle, NS
 SH, gray to green

Rare MS, brn, mic-xln, dense, hard, crm to tan, mottled m-gr oolitic pcs scatt,
 SH, gray

MS, tan, massive txt, firm, rare f-gr oolitic pcs
 MS, brn to tan, some crm, mic-xln, gritty txt in part, hard, NS

SH, gray

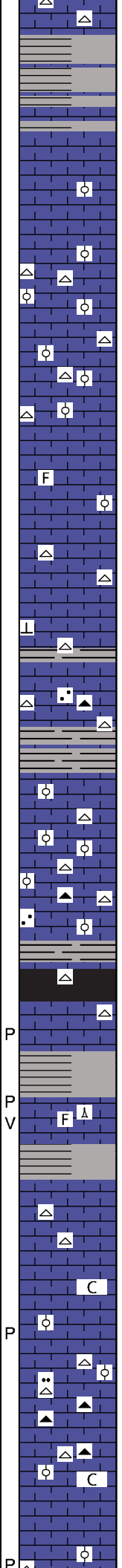
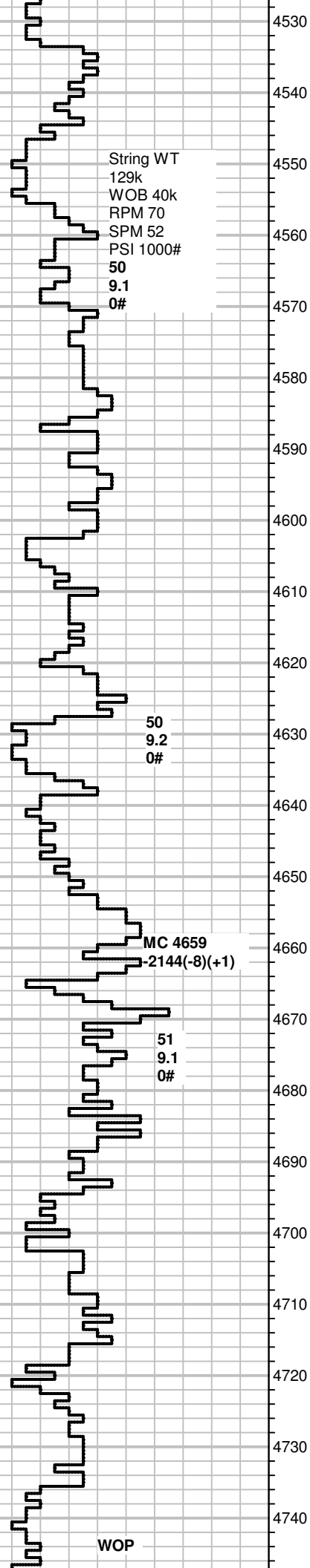
MS, crm to lt. gray, some brn, massive txt, hard to firm, rare to scatt fossils, NS

WS-MS, off white to crm, f-gr oolitic, firm, NS
 Chert, white, blocky

MS, crm to tan, vf-xln, gritty txt, hard, Chert opaque, fossilif,
 SH, gray blk, about 10% of tray

MS, A.A., rare m-gr oolitic, tan, gray ooids, rare pyrite, sli. chalky, decrease in SH, gray, blk

WS, brn to gray, tan pcs scatt, f-xln, earthy pcs, fossilif (fusulinids, brachs, crinoids), mottles pcs, Chert, white
 SH, gray. green. red



SH, A.A., MS, crm to lt. tan, massive txt, some pcs f-gr oolitic, firm, NS

MS, lt. gray, mic-xln in chalky matrix, firm to hard, rare mottled pcs, dull fluor, NS, Some SH, gray, green, rare blk

MS, A.A., inc in crm pcs, soft, chalky, magntite specs, fossilif, rare SH blk, some gray, green

MS, crm to tan, mix-xln, some pcsa mottled, some sandy pcs, m-gr ooids present, some blk specs, Chert, white,

MS, tan, cript-xln, massive txt, hard, some ooids in dense matrix, Chert, white, fossilif, gray pcs scatt, Inc in SH, gray, green

MS, gray, mic-xln, firm, platy, some fossils, NS
SH, gray

MS, crm to gray, f-xln, sli. earthy txt, firm, some pcs mottled, gray, m-gr oolitic in part, rare Chert, white, fossilif, some SH, gray

MS, A.A., Chert, white, fossilif.

MS, crm to tan, mic to vf-xln, hard, dense, calcite on edges of rare pcs, Chert, white
SH, rare blk, inc. in gray

MS, crm, vf-xln, some earthy, rare fn-gr oolitic pcs, sandy txt, Chert, white, gray, micro oolitic.
SH, dk. gray, gray

MS, crm to lt. tan, f-xln, silty to chalky txt, soft, Chert, white, tan, oolitic, fossilif.,

WS-PS, brn to gray, cript-xln, firm to hard, micro to m-gr oolitic pcs, Chert, white, micro oolitic, gray, brn

MS, crm to off white, chalky matrix in 1/3 of tray, vf-xln, soft, sandy pcs, some fossilif, rare edge stn in dry, scatt Chert, gray

MS, crm to lt. gray, vf-xln, gritty txt, micro oolitic, friable, dull fluor, NS, Chert, white
SH, blk, gray

SH, blk, gray, some sandy to silty, MS, crm to tan, earthy to mic-xln, hard to firm, fractured pcs, rare fossils(spicules)

SH, gray, silty, dec. amt, MS crm to brn, vf-xln to mic-xln, some pcs w fossil frgmts, m-gr oolitic in paart, hard, dense, rare chalky pcs, NS

MS, crm to brn, mic-xln to fn-sucrosic, gritty txt, hard, dense, NS, Chert, white, platy

MS, A.A., chalky pcs throughout, carrying SH, rare dk. gray, gray

MS-WS, crm to off white, mic to cript-xln, oolitic in part, hard to firm, some gritty pcs, most dense, NS, Chert, white, micro oolitic, gray pcs scatt

MS, crm to gray, vf to f-xln, dense looking but chalky matrix, some gray pcs fossilif, hard to brittle, rare earthy pcs, NS, Chert, brn, gray

MS, crm to brn-ish gray, earthy to silky looking, firm to soft, mottled pcs common,
SH, dk. gray, gray

MS-WS, crm to tan, f- to dk. dense, sli. oolitic, m. granoside, firm, NS

Background gas 60 Units

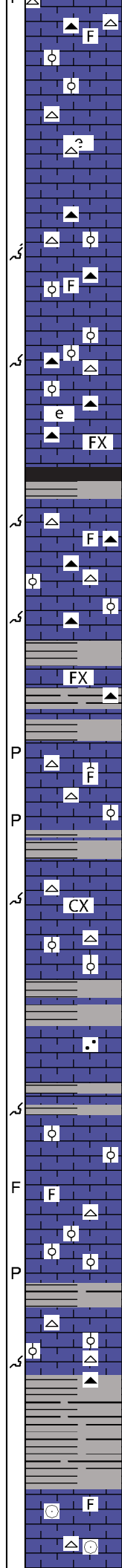
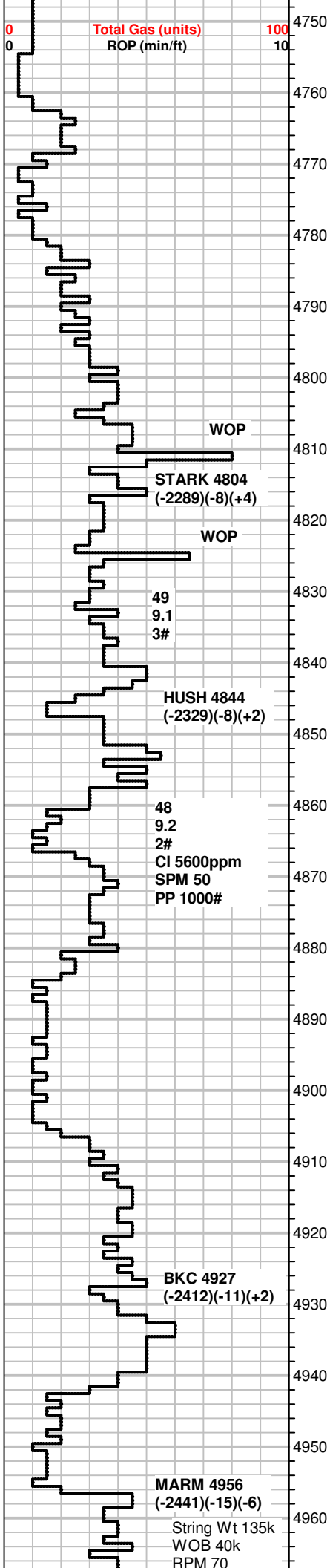
String WT
129k
WOB 40k
RPM 70
SPM 52
PSI 1000#
50
9.1
O#

50
9.2
O#

MC 4659
-2144(-8)(+1)

51
9.1
O#

WOP



MS-W.S, crm to tan, f-xln, dense, sil. oolitic, m-gr ooids, firm, NS
Chert, brn white, fossilif

M̄S-W̄S, crm , tan, lt. gray, f-xln, dense, some pcs mottled, oolitic,
m-gr, Chert, white, m-gr oolitic, NS

MS, crm, earthy txt, firm to hard, dense pcs, dull fluor, NS
Chert, white/brn pcs

WS-PS, brn to tan, m-gr oolitic, ringed ooids, dense, hard, NS
Chert, gray, fossilif.

WS-PS, brn, mic-xln, oolitic in dense matrix, hard, NS
Chert, brn, white

MS, brn, earthy to fn-xln, brittle, hard,
Chert, brn, blocky

SH, blk, dk. gray

MS, brn to tan, massive txt, firm to hard, rare PS, crm, m-gr oolitic,
Chert, white, brn, gray, fossilif

MS, crm to lt. gray some tan,vf-xln to fn sucrosic, some gritty txt,
some WS, oolitic, m-gr, dense, hard, NS
Chert, brn, white, spicules, micro oolitic white pcs

MS, lt. gray to brn, f-xln, dense, hard, some gritty txt,
Chert, white, brn

SH, blk, gray, dk. gray,
MS, A.A., Chert, white, fossilif

MS, crm to gray, f-xln, dense, NS
SH, blk, gray

MS, A.A., some cript-xln, Chert on edge, free Chert, white

MS, crm to brn, gritty to massive txt, dense, hard, fossilif, NS
Chert, white, m-gr oolitic

Sh, blk, gray, scatt. in tray
MS-W.S, crm to brn, f-xln, firm to hard, gritty txt, NS

MS-W.S, A.A., brn pcs fossilif to sub oolitic crm pcs, dense, inc in
gray SH, blk also

MS-W.S, crm to tan, lt. gray, f-xln, dense, some pcs mottled, NS,
Chert, white, m-gr ooids,
some SH, gray

MS-W.S, gray to brn some crm, gritty to silty txt, fossilif, micro
oolitic, dense, NS, Chert, tan, white
inc SH, gray

MS, gray, rare crm pcs, m-xln, silty, hard dense, some fossils, rare
oolites, Chert, gray white fossilif, blk
SH, gray, green

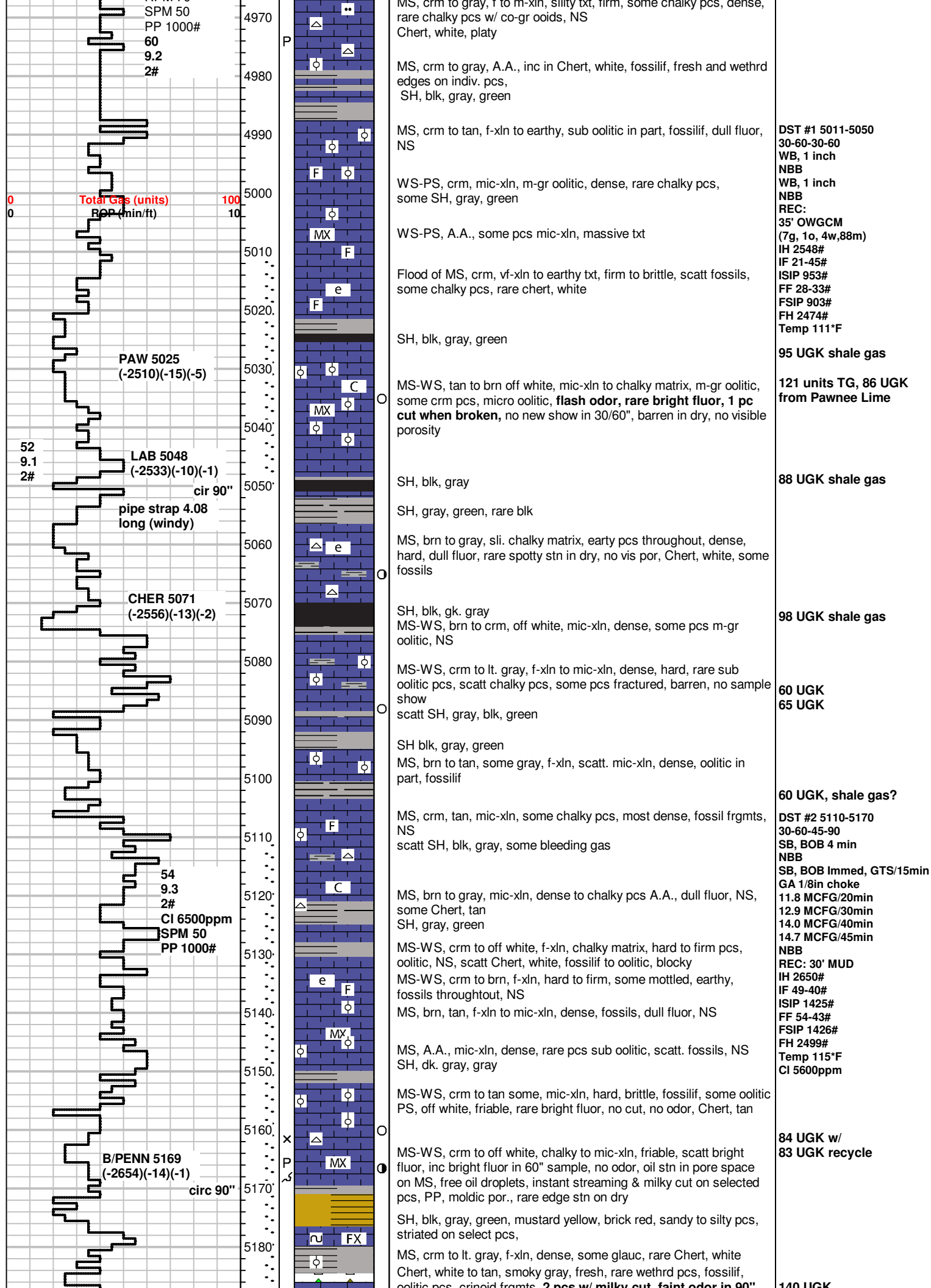
SH, blk, gray, green,
MS, crm to gray, mottled, firm to hard, dense pcs, fossilif.-crinoid
sections intact.

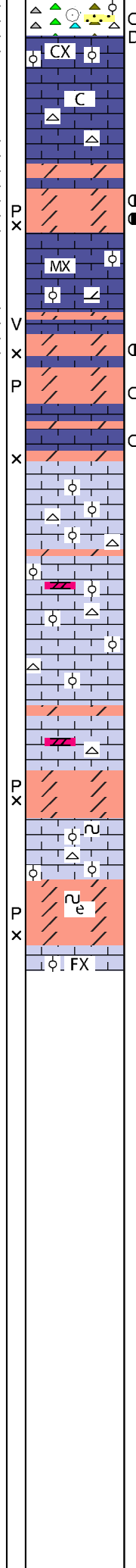
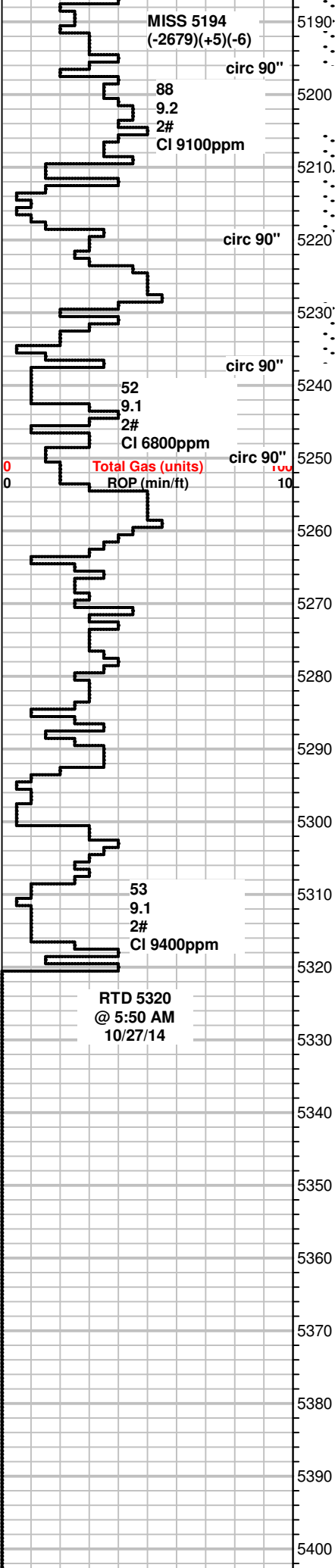
MS, crm to gray, f to m, silty txt, firm, some challenges, dense

Background gas 65 Units

63 UGK, 40 UGK recycle,
shale gas

67 UGK, 45 UGK recycle,
shale gas





oolitic pcs, crm to light gr, 2 pcs w/ milky cut, faint odor in 50
spotty stn in dry, pp por.

MS-WS, crm to brn, f-xln, oolitic, hard, mineral fluor, rare PS, brn,
 m-gr oolitic, dense, cript-xln, NS

MS-WS, crm to off white, f-xln, chalky pcs, firm to hard,
 scatt Chert, white

Dolo, gray to lt. brn, fn-sucrosic, friable, **good odor in sample bag
 and tray, stn on wet sample, bleeding gas, live oil in tray,
 instant streaming cut on selected pcs, pp and inter-xln por.**

MS-WS, crm to of white, mic-xln, m-gr oolitic to massive txt, sli.
 dolomitic, NS

Dolo, crm to brn, f-suc to m-suc, soft friable, **partial to even stn,
 scatt bright fluor, slow milky cut on 50% of selected pcs, fair
 to good odor in bag, vuggy to pp por**

Dolo, tan to brn, vf-suc, firm to hard, mineral fluor, rare spotty bright
 fluor, slow streaming to milky cut on selected pcs(50%) faint odor,
 no stn, no live oil.

WS-PS, crm to off white, f-xln, hard, dense, oolitic to sub oolitic
 pcs, NS

Dolo, brn to tan, fn-sucrosic, hard, waxy looking, scatt PP por,
 Mineral fluor, NS

WS-PS, crm to tan, some off white, f-xln, chalky txt, oolitic, m-gr,
 firm to hard, dull fluor, NS

Scatt Dolo, brn, fn-suc, hard, mineral fluor, NS

WS-PS, crm to off white, A.A. NS

Dolo, gray to brn, f-xln, firm to scatt hard pcs, vf-sucrosic, waxy txt,
 mineral fluor, No sample show, very faint odor in bag

WS-PS, scatt MS, crm to brn, f-xln, some chalky pcs, oolitic, hard,
 mineral specs(glauc, rare dark specs),

Dolo, some Limy, crm to lt. gray, earthy, vf-sucrosic txt, some pcs
 w/ glauc, mineral fluor, NS

WS-PS, crm to off white, f-xln, hard to firm, oolitic, scatt glauc
 specs, NS

154 UGK,
 120 Unit recycle, possible
 trip gas

+158 UGK,
 70 Unit recycle

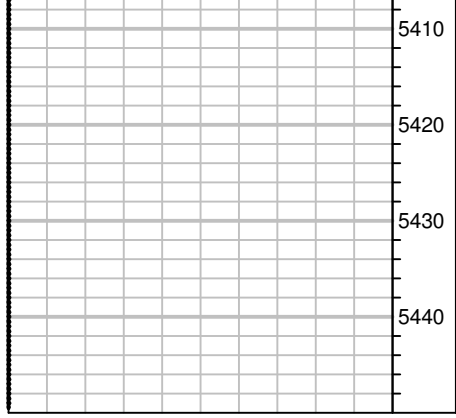
69 UGK

NO GAS INCREASE

DST #3 5168-5196
 45-75-60-90
 SB BOB/30 sec
 GTS/33 min
 GA 1/8 in choke
 15.5 MCFG/35 min
 16.2 MCFG/45 min
 NBB
 SB BOB/immed
 GA 1/8 in choke
 11.8 MCFG/10 min
 15.9 MCFG/20min
 19.2 MCFG/30 min
 22.6 MCFG/40 min
 25.2 MCFG/50 min
 27.8 MCFG/60 min
 REC: 40' MUD
 IH 2563#
 IF 58-43#
 ISIP 1536#
 FF 39-78#
 FSIP 1525#
 FH 2523#
 Temp 112°F
 CI 6500ppm

DST #4 5205-5220
 30-60-60-120
 SB BOB/15 sec
 NBB
 SB BOB/immed GTS 57/min
 TSTM
 REC:
 50' GOCM (15g, 25o, 60m)
 IH 2553#
 IF 30-25#
 ISIP 848#
 FF 22-29#
 FSIP 664#
 FH 2475#
 Temp 114°F
 CI 9100ppm

DST #5 5228-5237
 45-60-60-120
 SB BOB/1 min
 GTS 2/min into ISI,
 WBB/ 3 inch
 SB BOB/30 sec
 GTS GA 1/8 inch choke
 7.3 MCFG/10 min
 8.4 MCFG/20 min
 9.5 MCFG/30 min
 10.6 MCFG/40 min
 11.4 MCFG/50 min
 12.1 MCFG/60 min
 GBB, 6 inch
 REC:
 250' CGO (25g, 75o)
 60' GOCM (21g, 35o, 44m)
 IH 2586#
 IF 20-67#
 ISIP 1519#
 FF 76-134#
 FSIP 1510#



FH 2522#
Temp 118°F
Cl 6800ppm