

Confidentiality Requested:

Yes No

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION**

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

**WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # _____

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

Gas DH EOR

OG GSW

CM (Coal Bed Methane)

Cathodic Other (Core, Expl., etc.): _____

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

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

Deepening Re-perf. Conv. to EOR Conv. to SWD

Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

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 Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

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 Geologist Report / Mud Logs <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
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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				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <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> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top _____ Bottom _____
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	Vincent Oil Corporation
Well Name	Steele 1-32
Doc ID	1310666

All Electric Logs Run

Dual Induction
Density - Neutron
Micro-log
Sonic

Form	ACO1 - Well Completion
Operator	Vincent Oil Corporation
Well Name	Steele 1-32
Doc ID	1310666

Tops

Name	Top	Datum
Heebner Shale	4251	(-1741)
Brown Limestone	4374	(-1864)
Lansing	4384	(-1874)
Stark Shale	4701	(-2191)
Base Kansas City	4823	(-2313)
Pawnee	4913	(-2403)
Cherokee Shale	4967	(-2457)
Base Penn Limestone	5065	(-2555)
Mississippian	5090	(-2580)
RTD	5225	(-2715)

QUALITY WELL SERVICE, INC.

6454

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	030516	Sec.	32	Twp.	27s	Range	23w	County	Ford	State	KS	On Location	4:30 PM	Finish	7:00 PM
Lease	Steele	Well No.	1-32		Location		Ford Km, 4w, n/into								
Contractor	Duke #1				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		T.D.	685											
Csg.	8 5/8		23#	Depth	681										
Tbg. Size			Depth												
Tool			Depth												
Cement Left in Csg.	42'		Shoe Joint	42.1											
Meas Line			Displace	41 Bbls Fresh											
EQUIPMENT				125sx MDC + 3% cc + 1/4 #FS											
Pumptrk	8	No.	Mike B												
Bulktrk	9	No.	David B												
Bulktrk	7	No.	David F												
Pickup		No.													
JOB SERVICES & REMARKS				150sx class A + 2 1/2 gel + 3% cc + 1/4 #FS											
Rat Hole	Hulls														
Mouse Hole	Salt														
Centralizers	Flowseal 66.25														
Baskets	Kol-Seal														
D/V or Port Collar	Mud CLR 48														
Pipe on Btm	CFL-117 or CD110 CAF 38														
Break Circ.	Sand														
Pump Fresh	Handling 271														
H ² O spacer	Mileage 50														
Mix 125sx lite weight	FLOAT EQUIPMENT														
Mix 150sx tail cement	Guide Shoe														
Stop-Release Plug	Centralizer														
Start Disp w/ Fresh H ² O	Baskets														
Washup on Plug	AFU Inserts / 1-Baffle Plate														
See steady increase in PST	Float Shoe														
Slow Rate	Latch Down / Wooden Cup Plug														
Bump Plug from 200 # to 600 #	LMV 50														
at 41 Bbls total Disp Cement Did Give	Sewer supervisor														
	Pumptrk Charge surface														
	Mileage 50 x 2														
	Tax														
	Discount														
	Total Charge														
X Signature	Mike Bradley														

QUALITY WELL SERVICE, INC.

6455

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	03 15 16	Sec.	32	Twp.	27s	Range	23s	County	Ford	State	KS	On Location	1:30 AM	Finish	5:00 AM	
Lease	Steele	Well No.	1-32			Location Ford, 1/4, 4w, n/nto										
Contractor	Duke #1				Owner	Vincent										
Type Job	Rotary Plug				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	7 7/8				T.D.	5225										
Csg.	8 7/8				Depth	681										
Tbg. Size	4 1/2 Drill Pipe				Depth	1550'										
Tool					Depth											
Cement Left in Csg.					Shoe Joint	The above was done to satisfaction and supervision of owner agent or contractor.										
Meas Line					Displace	Fresh H ₂ O										
EQUIPMENT																
Pumptrk	8	No.	Mike B			Common	105									
Bulktrk	9	No.	David B			Poz. Mix	65									
Bulktrk		No.				Gel.	6									
Pickup		No.	David F			Calcium										
JOB SERVICES & REMARKS																
Rat Hole	30sx				Hulls											
Mouse Hole	20sx				Salt											
Centralizers					Flowseal											
Baskets					Kol-Seal											
D/V or Port Collar					Mud CLR 48											
Drill Pipe at 1550', load Hole, Pump Spacers				Sand												
Mix 50sx Cement, Disp w/ 18 BBLs				Handling 170												
				Mileage 50												
FLOAT EQUIPMENT																
Drill Pipe at 710', load Hole, Pump Spacers				Guide Shoe												
Mix 50sx, Disp w/ 6 1/2 BBLs				Centralizer												
Drill Pipe at 60', load Hole, Mix 20sx cement				Baskets												
Did Circ,				AFU Inserts												
				Float Shoe												
Plug rat & Mouse Holes w/ 50sx cement				Latch Down												
				L.M.V. 50												
				Service Supervisor												
				Pumptrk Charge Rotary Plug												
				Mileage 50 x 2												
														Tax		
														Discount		
														Total Charge		
X Signature <i>Mike Hoffman</i>																



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Vincent Oil Corp

32-27S-23W Ford

200 W Douglas Ave Ste 725
Wichita, KS 67202

Steele 1-32

Job Ticket: 57982

DST#: 1

ATTN: Tom Dudgeon

Test Start: 2016.03.12 @ 12:07:45

GENERAL INFORMATION:

Formation: **Morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:26:45

Time Test Ended: 20:54:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Leal Cason

Unit No: 74

Interval: **5005.00 ft (KB) To 5088.00 ft (KB) (TVD)**

Total Depth: 5088.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2510.00 ft (KB)

2498.00 ft (CF)

KB to GR/CF: 12.00 ft

Serial #: 8525

Inside

Press @ Run Depth: 37.63 psig @ 5006.00 ft (KB)

Start Date: 2016.03.12

End Date:

2016.03.12

Capacity: 8000.00 psig

Last Calib.:

2016.03.12

Start Time: 12:07:46

End Time:

20:54:30

Time On Btm: 2016.03.12 @ 14:21:00

Time Off Btm: 2016.03.12 @ 18:29:00

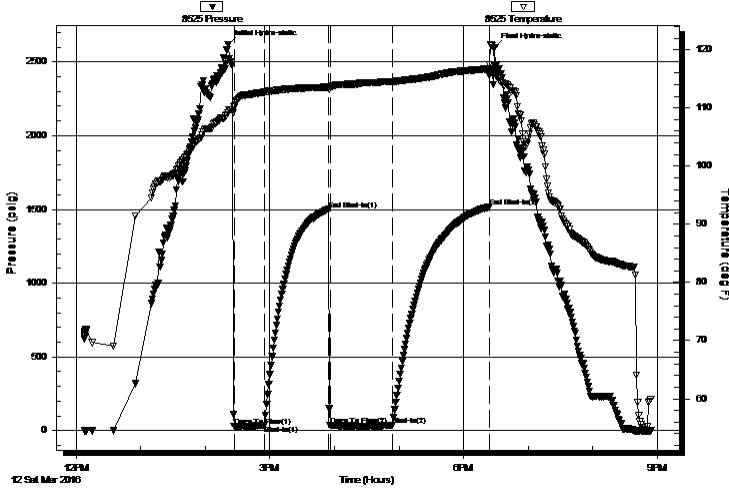
TEST COMMENT: IF: Strong Blow, BOB in 1 minutes

IS: No Blow Back

FF: Strong Blow, BOB immediate, GTS in 5 minutes, Gauged & Caught Sample

FS: No Blow Back

Pressure vs. Time



PRESSURE SUMMARY

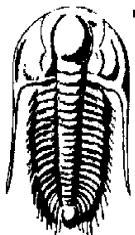
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2619.34	109.15	Initial Hydro-static
6	28.00	110.16	Open To Flow (1)
34	35.89	112.74	Shut-In(1)
94	1499.73	113.59	End Shut-In(1)
95	34.53	113.49	Open To Flow (2)
153	37.63	114.52	Shut-In(2)
243	1517.78	116.70	End Shut-In(2)
248	2596.21	117.39	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	4972 GIP	0.00
35.00	GCM 5%G 95%M	0.49

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	5.00	30.78
Last Gas Rate	0.13	5.00	7.26
Max. Gas Rate	0.25	5.00	30.78



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Vincent Oil Corp
 200 W Douglas Ave Ste 725
 Wichita, KS 67202
 ATTN: Tom Dudgeon

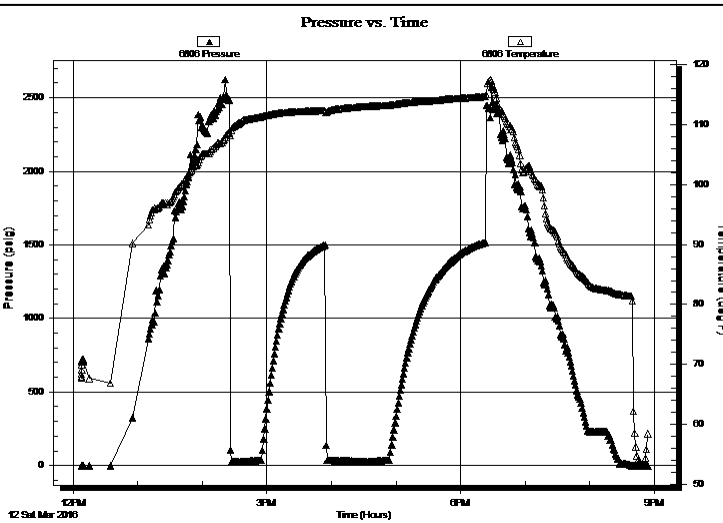
32-27S-23W Ford
Steele 1-32
 Job Ticket: 57982 **DST#: 1**
 Test Start: 2016.03.12 @ 12:07:45

GENERAL INFORMATION:

Formation: **Morrow**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 14:26:45
 Time Test Ended: 20:54:30
Interval: 5005.00 ft (KB) To 5088.00 ft (KB) (TVD)
 Total Depth: 5088.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Leal Cason
 Unit No: 74
 Reference Elevations: 2510.00 ft (KB)
 2498.00 ft (CF)
 KB to GR/CF: 12.00 ft

Serial #: 6806 Outside
 Press @ Run Depth: psig @ 5006.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2016.03.12 End Date: 2016.03.12 Last Calib.: 2016.03.12
 Start Time: 12:07:46 End Time: 20:54:30 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: Strong Blow , BOB in 1 minutes
 IS: No Blow Back
 FF: Strong Blow , BOB immediate, GTS in 5 minutes, Gauged & Caught Sample
 FS: No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
0.00	4972 GIP	0.00
35.00	GCM 5%G 95%M	0.49

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	5.00	30.78
Last Gas Rate	0.13	5.00	7.26
Max. Gas Rate	0.25	5.00	30.78



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Vincent Oil Corp

32-27S-23W Ford

200 W Douglas Ave Ste 725
Wichita, KS 67202

Steele 1-32

Job Ticket: 57982

DST#: 1

ATTN: Tom Dudgeon

Test Start: 2016.03.12 @ 12:07:45

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:

ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.99 in³

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	4972 GIP	0.000
35.00	GCM 5%G 95%M	0.491

Total Length: 35.00 ft Total Volume: 0.491 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 Corp

32-27S-23W Ford

200 W Douglas Ave Ste 725
Wichita, KS 67202

Steele 1-32

Job Ticket: 57982

DST#: 1

ATTN: Tom Dudgeon

Test Start: 2016.03.12 @ 12:07:45

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	5.00	30.78
2	20	0.25	5.00	30.78
2	30	0.25	4.00	29.19
2	40	0.25	3.00	27.60
2	50	0.13	5.00	7.26
2	60	0.13	5.00	7.26



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Vincent Oil Corp
 200 W Douglas Ave Ste 725
 Wichita, KS 67202
 ATTN: Tom Dudgeon

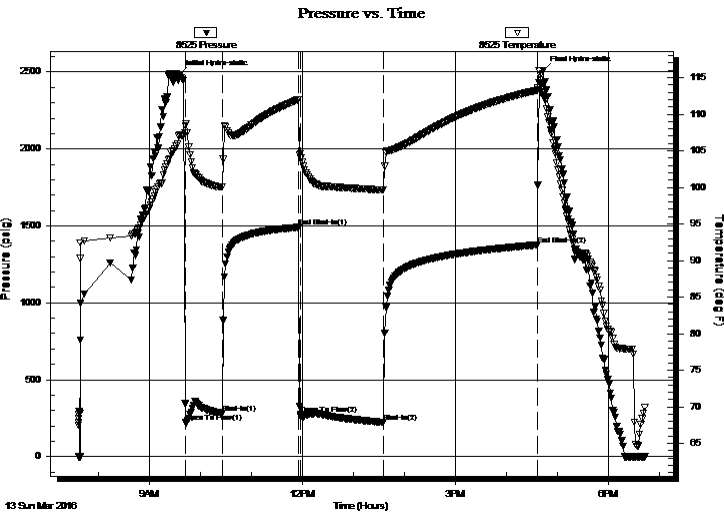
32-27S-23W Ford
Steele 1-32
 Job Ticket: 57983 **DST#: 2**
 Test Start: 2016.03.13 @ 07:36:19

GENERAL INFORMATION:

Formation: **Mississippi**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 09:42:19 Tester: Leal Cason
 Time Test Ended: 18:44:19 Unit No: 74
 Interval: **5095.00 ft (KB) To 5117.00 ft (KB) (TVD)** Reference Elevations: 2510.00 ft (KB)
 Total Depth: 5117.00 ft (KB) (TVD) 2498.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 12.00 ft

Serial #: 8525 Inside
 Press @ Run Depth: 221.90 psig @ 5096.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2016.03.13 End Date: 2016.03.13 Last Calib.: 1899.12.30
 Start Time: 07:36:20 End Time: 18:44:19 Time On Btm: 2016.03.13 @ 09:35:34
 Time Off Btm: 2016.03.13 @ 16:44:04

TEST COMMENT: IF: Strong Blow , BOB in 30 seconds, GTS in 5 minutes, Gauged & Caught Sample
 IS: Weak Surface Blow Back
 FF: Strong Blow , BOB & GTS immediate, Gauged Gas
 FSI; No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2480.95	107.13	Initial Hydro-static
7	223.39	108.41	Open To Flow (1)
51	282.52	100.06	Shut-In(1)
140	1490.09	111.98	End Shut-In(1)
142	273.95	104.56	Open To Flow (2)
241	221.90	99.63	Shut-In(2)
422	1376.38	113.29	End Shut-In(2)
429	2510.51	112.97	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	5046 GIP	0.00
55.00	GCM 10%G 90%M	0.77

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	230.00	387.72
Last Gas Rate	0.50	105.00	805.44
Max. Gas Rate	0.25	230.00	387.72



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Vincent Oil Corp
 200 W Douglas Ave Ste 725
 Wichita, KS 67202
 ATTN: Tom Dudgeon

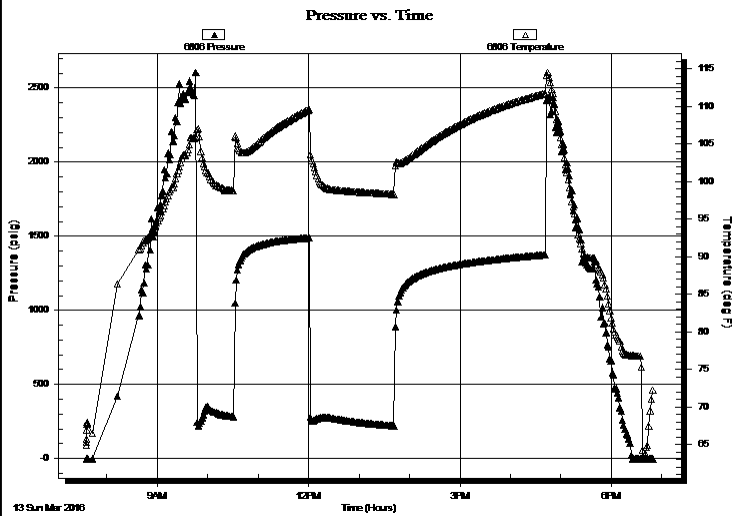
32-27S-23W Ford
Steele 1-32
 Job Ticket: 57983 **DST#: 2**
 Test Start: 2016.03.13 @ 07:36:19

GENERAL INFORMATION:

Formation: **Mississippi**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 09:42:19
 Time Test Ended: 18:44:19
 Interval: **5095.00 ft (KB) To 5117.00 ft (KB) (TVD)**
 Total Depth: 5117.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Leal Cason
 Unit No: 74
 Reference Elevations: 2510.00 ft (KB)
 2498.00 ft (CF)
 KB to GR/CF: 12.00 ft

Serial #: 6806 Outside
 Press@RunDepth: psig @ 5096.00 ft (KB)
 Start Date: 2016.03.13 End Date: 2016.03.13
 Start Time: 07:36:20 End Time: 18:49:34
 Capacity: 8000.00 psig
 Last Calib.: 2016.03.13
 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: Strong Blow , BOB in 30 seconds, GTS in 5 minutes, Gauged & Caught Sample
 IS: Weak Surface Blow Back
 FF: Strong Blow , BOB & GTS immediate, Gauged Gas
 FS: No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
0.00	5046 GIP	0.00
55.00	GCM 10%G 90%M	0.77

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	230.00	387.72
Last Gas Rate	0.50	105.00	805.44
Max. Gas Rate	0.25	230.00	387.72

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Vincent Oil Corp

32-27S-23W Ford

200 W Douglas Ave Ste 725
Wichita, KS 67202

Steele 1-32

Job Ticket: 57983

DST#: 2

ATTN: Tom Dudgeon

Test Start: 2016.03.13 @ 07:36:19

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: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.99 in³

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	5046 GIP	0.000
55.00	GCM 10%G 90%M	0.772

Total Length: 55.00 ft Total Volume: 0.772 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 Corp

32-27S-23W Ford

200 W Douglas Ave Ste 725
Wichita, KS 67202

Steele 1-32

Job Ticket: 57983

DST#: 2

ATTN: Tom Dudgeon

Test Start: 2016.03.13 @ 07:36:19

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	0.25	230.00	387.72
1	20	0.50	140.00	1041.54
1	30	0.50	152.00	1122.48
1	40	0.50	148.00	1095.50
1	45	0.50	148.00	1095.50
2	10	0.50	130.00	974.08
2	20	0.50	142.00	1055.03
2	30	0.50	138.00	1028.04
2	40	0.50	135.00	1007.81
2	50	0.50	128.00	960.59
2	60	0.50	122.00	920.11
2	70	0.50	120.00	906.62
2	80	0.50	118.00	893.13
2	90	0.50	110.00	839.16
2	100	0.50	105.00	805.44

Serial #: 8525

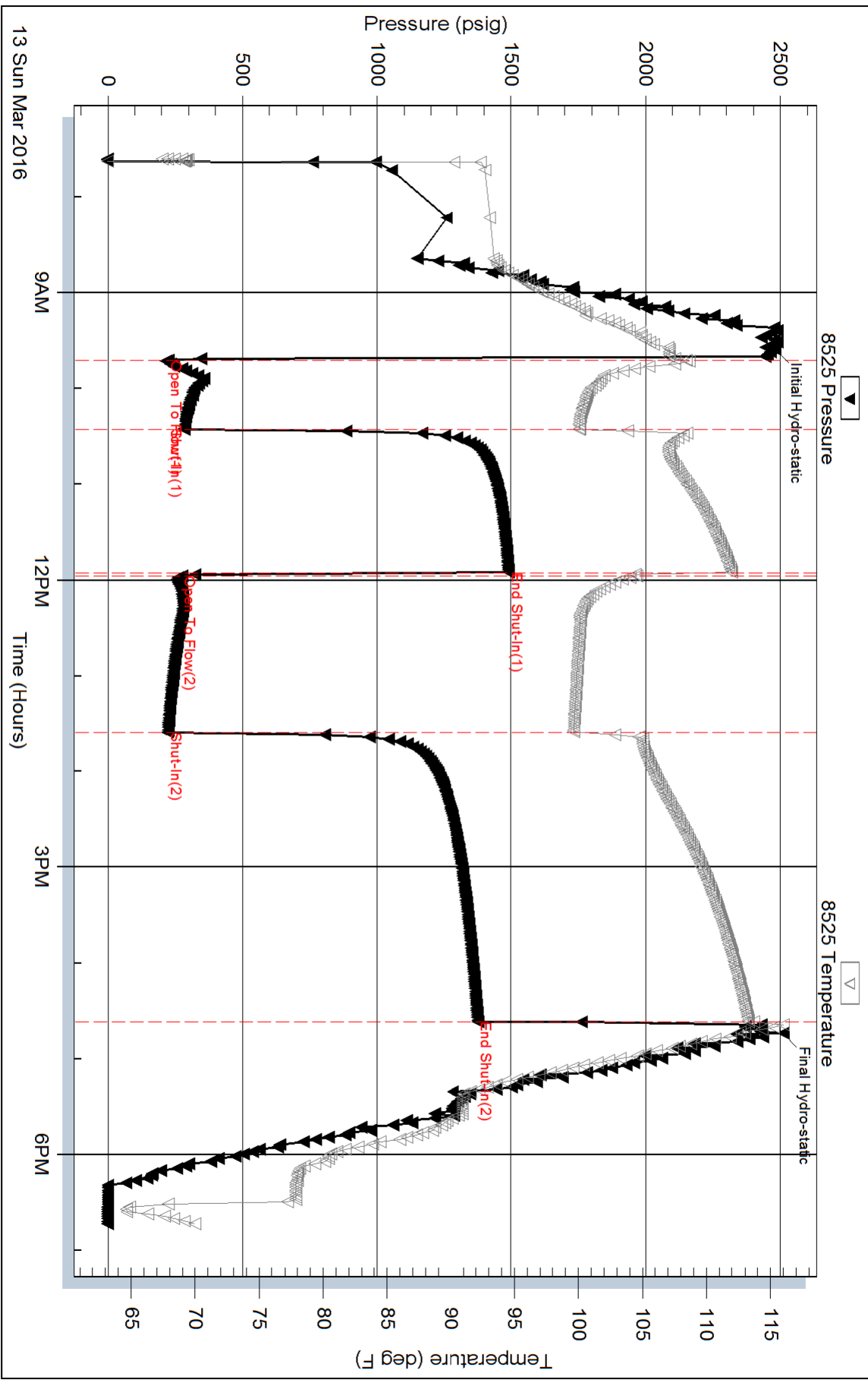
Inside

Vincent Oil Corp

Steele 1-32

DST Test Number: 2

Pressure vs. Time

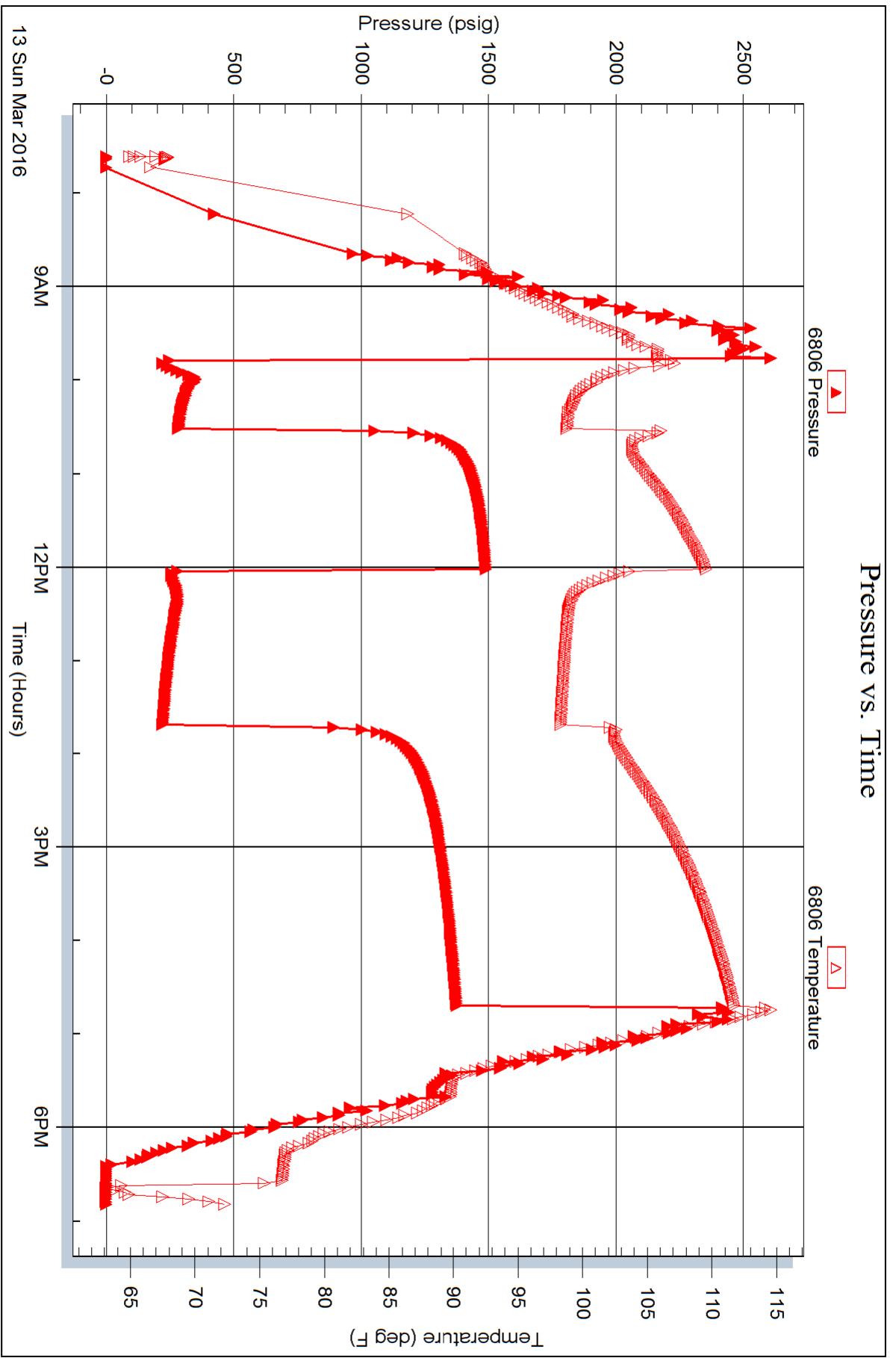


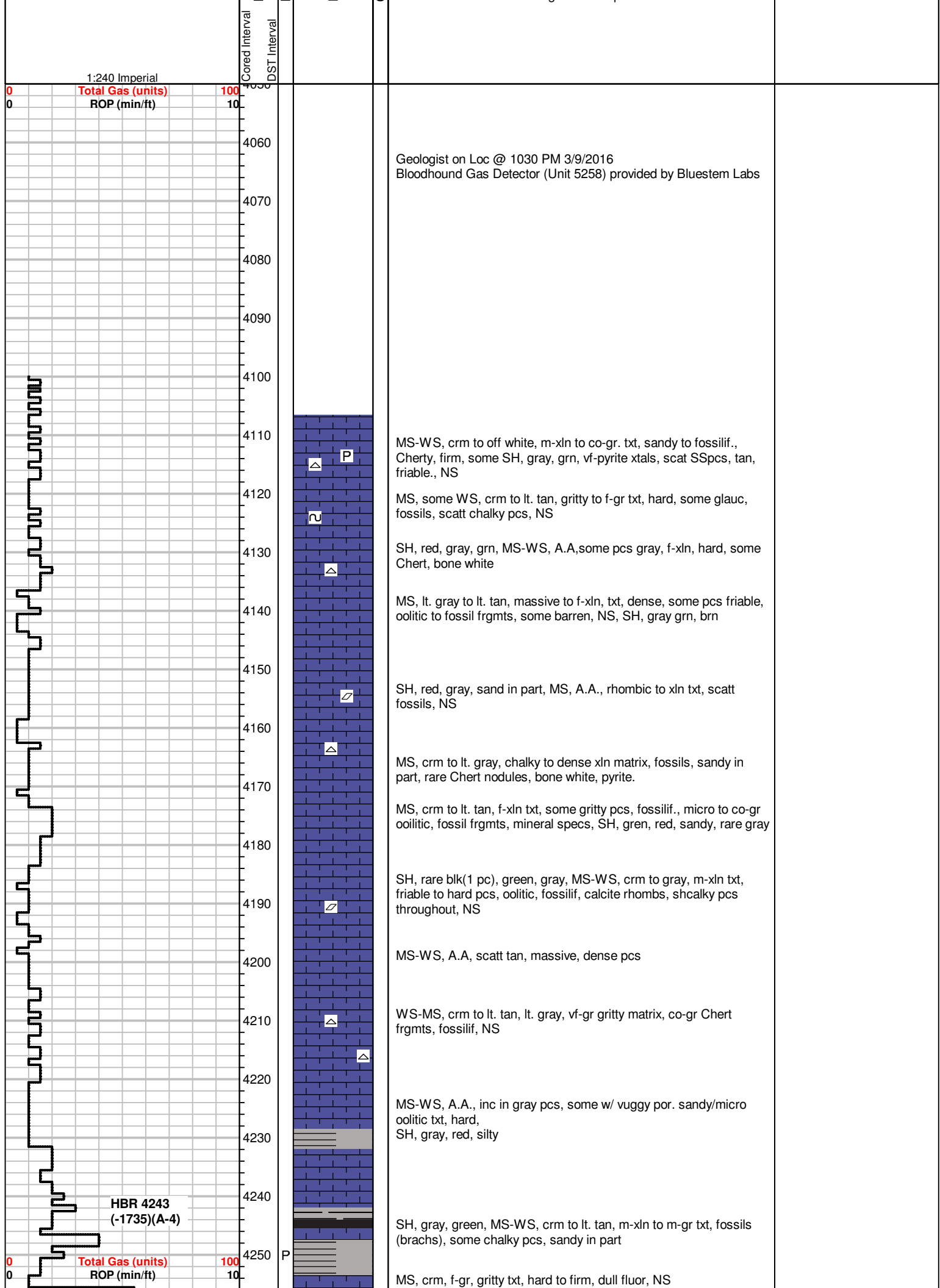
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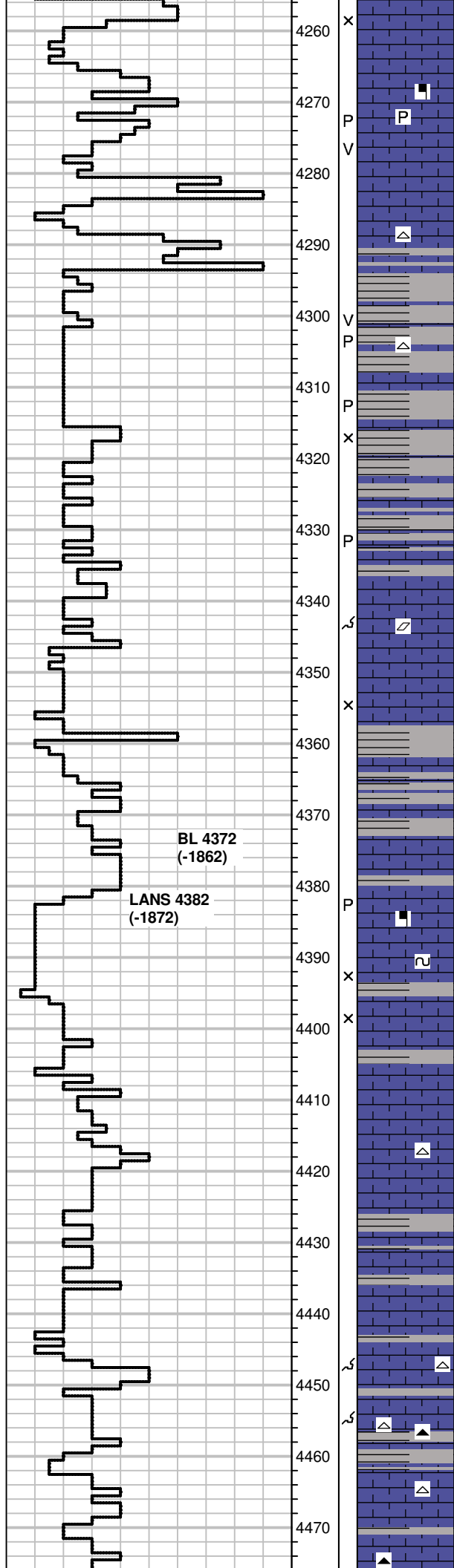
Outside Vincent Oil Corp

Steele 1-32

DST Test Number: 2







4260 X SH, blk, gray, MS, lt gray, chalky to f-xln, hard, rare vf-pyrite xtals, dark mineral specs

4270 P P MS, A.A., SH, gray, red, grn

4280 V MS, crm to gray, vf-xln to massive txt, some chalky pcs scatt, Chert frgmnts in gritty/silty matrix, white, opaque

4290 P MS, crm to gray, f-xln to massive txt, sandy in part, some f-xln pyrite xtals, Chert, white, milky SH, grays, red

4300 P MS, brn to crm, chalky, some silty SH, grn, brn

4310 X SH, gray, blk, red, silty to sandy, MS, brn to tan, f-xln to f-gr, sandy micro oolitic in part, NS

4320 P WS-MS, crm, f-xln, m-gr oolitic to micro oolitic, gritty txt, SH, red, predominant in sample tray.

4330 P MS, crm to brn, dense, massive to xln txt, fossil frgmnts, m-gr ooids in clear calcite matrix, SH, gray, green, red, silty in part.

4340 ~ MS, crm to brn, dense, massive txt, fossil frgmnts(brachs, crinoids), m-gr oolitic pcs, xln txt in part, calcite rhombs, some SH red, gray

4350 X MS-crm to tan, massive to f-xln, txt, firm to dense, fossilif(crinoids, ooids, brachs), SH, gray

4360 SH, gray, brn, some green, MS, tan to crm, f-xln, gritty txt, firm, NS

4370 MS, brn, vf-xln, dense, scatt fossil frgmnts, NS SH, grays

4380 P SH, gray, green, MS, crm to lt. gray, f-xln mottled pcs, mineral specs, some f-gr oolitic pcs, fossilif frgmnts, firm, NS

4390 X MS, crm to tan, brn, f-xln, some dense pcs, mottled pcs scatt, some glauc, fossils, NS, SH, gray, green

4400 X MS, tan to brn, mic-xln, dense, fossils(fusulinids), NS SH, gray

4410 O Flood of MS, crm to lt. tan, mic-xln to dense, sli. sandy, hard pcs, fossilif. Chert, off white, rare lt edge stn in dry

4420 MS, A.A., some chalky pcs, scatt sandy pcs SH, dk gray, gray, silty in part

4430 MS, crm, tan, brn, f-xln to chalky, sandy, some pcs dense, mottled SH, green, gray

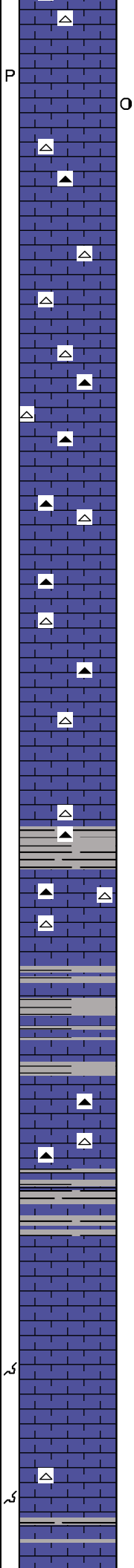
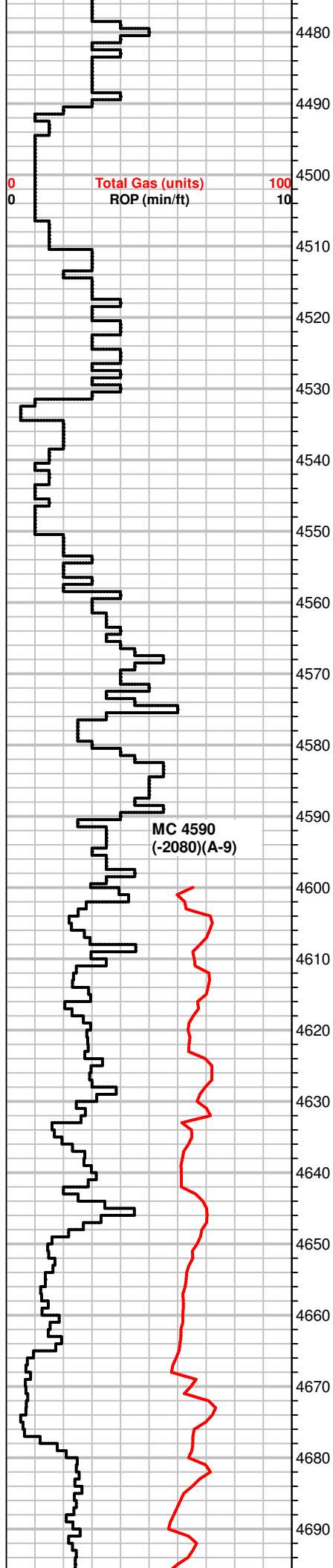
4440 MS, crm to lt. gray, f-gr to gritty txt, chalky matrix in part, firm to hard, some pcs dense, Chert frgmnts, white, some SH, grays

4450 ~ MS, crm to gray, f-gr, silty txt, A.A., some micro oolitic pcs, Chert, white, blk, blocky, NS, some SH, gray, green

4460 MS, crm to lt. gray, massive txt, dense, firm, some pcs friable, rare pyrite, fossils, scatt ooids, Chert, gray, micro fossils, NS

4470 MS, lt. gray, tan, crm, mottled, silty in part, mineral specs, soft.

**Rough drilling from 4280-4314.
Bit Trip @ 4314.
Pipe Strap 5.65' Short**



MS, crm to tan, brn, f-xln, dense to chalky matrix, fossils(brachs, ooids) frgmts, pp por.

MS-WS, crm to brn, f to m-gr oolitic txt, some pcs massive, dense, rare edge stn dry, SH, gray

MS-WS, crm to gray, m-gr txt, mottled pcs, some oolitic, sparse fossil frgmts, rare pyrite xtals, Chert, white, fossilif., blk

MS, crm, f-xln, massive txt, some WS, brn, sandy to silty, mineral specs, Chert, white, Crinoid stems, SH, green

MS, scatt WS, crm to brn, most w/ massive txt, dark m-gr ringed ooids in WS, fossil frgmts, Chert, blk, white

MS, crm to brn, f-xln, hard, some chalky, soft, f-gr ooids in chalky mtrx, dec in WS A.A., Chert, white, blk some SH, brn, blk, gray

MS, crm to lt. gray, f-xln to silty, dark mineral specs in gray pcs, chalky crm pcs, some dense, fossils, Chert, white, grayish brn, f to m-gr ooids in brn silty mtrx., dull fluor, NS

MS-WS, crm to brn, some gray, f-xln to massive txt, sub oolitic pcs, firm to hard, Chert, white, gray SH, brn, gray, silty

MS, crm to tan, vf-gr sugrary txt, scatt fossils, pyrite, Chert, white, gray, fossilif. SH, gray green, silty, rare blk pcs

MS, crm, massive to mic-xln txt, dense, hard, dull fluor, scatt m-gr fossilif pcs, NS, Chert, white, Sh red, gray

MS, crm to tan, f-xln to mic-xln, fossil frgmts, firm to hard, Chert, white, gray, micro oolitic SH, sea green, gray, brn, sandy to silty

MS, crm , vf-xln, dense, scatt fossils, some sub oolitic pscs, partly sandy, Chert, white, gray SH, gray, green, silty

MS, A.A, crm to off white, some chalky, Chert, white, gray SH, gray

SH, gray, scatt grn, MS, A.A., dec amt in tray

SH, gray, grn, MS, crm to off white, soft, friable, some pcs sub oolitic to micro oolitic, NS

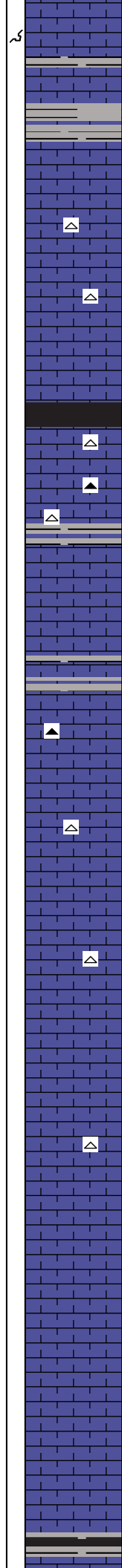
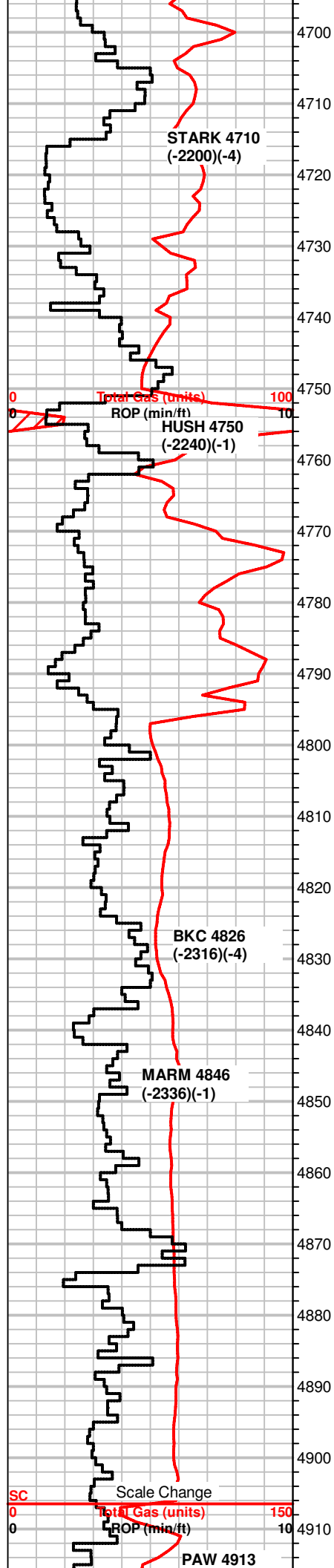
MS-WS, crm to brn, f-xln, co-gr oolitic to massive pcs, Chert, brn gray, white SH, grays, green, brnish-red

SH, green, gray, sea green, MS, crm, f-xln to chalky, sparse fossils

MS, crm to lt. tan, f-xln to chalky, scatt fossils, hard to firm, rare bright fluor, NS

MS-WS, crm, f-xln to chalky, f-gr ooids in sandy chalky mtrx, moldic por., some SH, gray

MS, crm to lt. tan, f-xln, some pcs mottled, soft, chalky, Chert, white, fossilif, moldic por. SH, blk, gray



A.A., WS, crm, m-gr oolitic, chalky mtrx, NS
SH, gray, sea green

SH, gray, MS-WS, crm to brn, f-xln, scatt oolitic m-gr pcs, most dense, NS

SH, gray, green, brn, blk, striated pcs
MS, crm to off white, massive txt, friable, some dense, NS

MS, crm to off white, chalky to f-xln, some pcs dense, Chert, white, fossilif. in part

MS, crm to brn, rare WS, xln to m-gr oolitic txt, chalky mtrx, scatt dense pcs, dull fluor, NS, rare Chert, white

MS, brn to gray, crm, f-xln, dense, some chalky crm pcs, firm, NS

SH, blk, bubbling gas, gray, silty
MS, crm to lt. gray, some lt. brn, f-xln, firm, NS
Chert, white

MS-WS, crm to lt. brn, f-xln to massive, dense, scatt fossils, m-gr ooids in tite xln mtrx, Chert, white, brn, fossilif.
Scatt SH, brn, blk

WS, off white, m-gr, oolitic to fossilif, dense, dull fluor, NS
some SH, gray

MS-WS, crm to brn, oolitic to micro oolitic, fossilif, some gray shaly pcs
SH, dk gray, red

MS, crm, gray, brn, f-xln, gritty in part, some dense, firm, Chert, blk, blocky
SH, dk. gray, gray, grn

MS-WS, m to crm, xln txt, scatt fossils, tite mtrx, Chert frgmts, off white, SH, gray, sandy

SH, gray, grn, platy to elongated pcs.
MS-WS, A.A.

MS, gray to brn, xln, some pcs sandy/shaly, scatt dense pcs, Chert, tan, crinoids, NS

MS, crm to gray, earthy/chalky txt, some xln, scatt fossils/mineral specs, SH, gray, green

SH, blk, gray, green
MS, gray to crm, f-xln, dense, Cherty pcs, firm, NS

MS-WS, crm to lt. gray, mic-xln to massive txt, mineral inclusions, fossils, firm, dull fluor, NS

MS-WS, A.A, inc in SH, green, gray, rare blk, silty

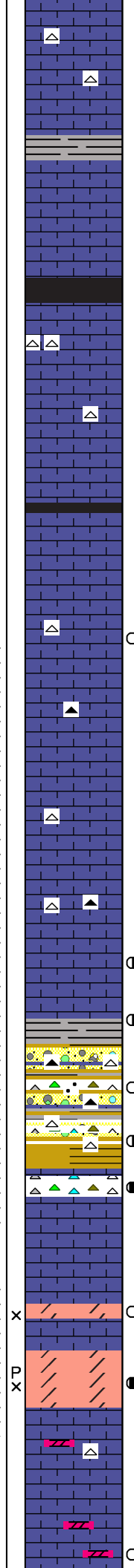
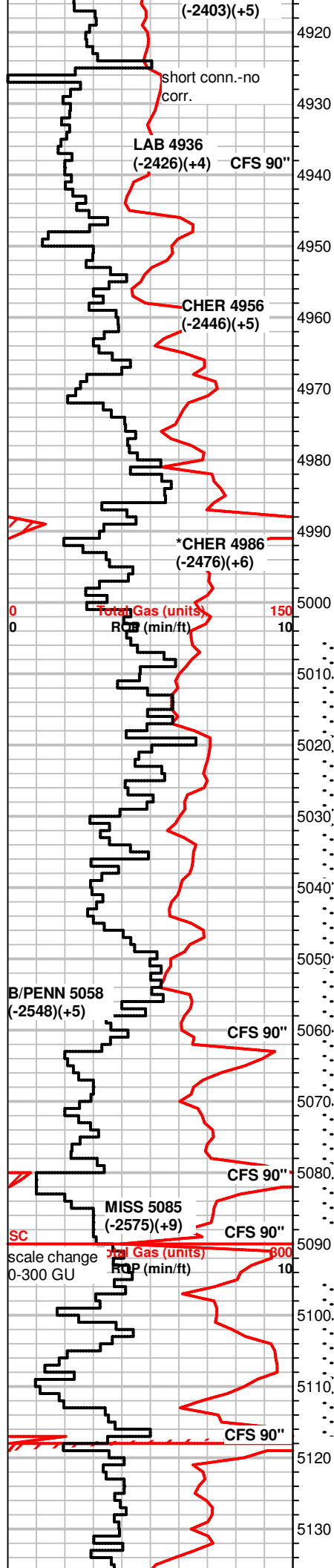
MS-WS, crm to tan, f-xln to chalky, sub oolitic, m-gr, some SH, gray, grn, blk

Flood MS, crm, f-xln to earthy txt, firm to hard, sub oolitic pcs, mineral fluor, NS

MS, tan to lt. brn, mic-xln to massive txt, dense, rare chalky pcs, scatt fossils, NS

MS-WS, crm to brn, f-xln to massive, tite, sub oolitic in part

SH, blk, gassy, sli. carb., some gray



MS, crm to tan, f-xln to chalky, friable to soft, scatt fossil frgmts, rare pyrite, vf-gr xtals, scatt Chert, white, 1 pc w/ mineral flour, no odor, no oil show

SH, dk. gray, gray, green, vf-xln pyrite
MS, crm to brn, f-xln to chalky pcs, hard to firm, NS

MS, crm to lt. tan, f-xln to massive, hard to firm, some dense, scatt oolites/fossils, rare chalky pcs, scatt SH, gray

SH, blk, gassy, dk. gray, green, MS, A.A., scatt Chert, white, opaque

MS, crm to brn, f-xln to chalky, firm to soft, Chert, white, translucent, fossil/mineral frgmts, NS
SH, grays, blk,

SH, blk, gassy, gray, A.A., MS, gray to brn, xln, scatt massive pcs, firm, friable, sandy pcs, rare fossilif pcs.

SH, blk, gray, green,
MS, crm to gray, gritty sucrosic txt, chalky in part, pyrite f-xln, hard, sandy

MS, crm to brn, gray, massive to chalky txt, hard to soft pcs, fossilif rare, scatt fluor, no cut, sli. edge stn in dry, Chert, white, tan, gray, fossilif., SH, gray, sandy

MS, crm to tan, scatt brn, f-xln, hard to firm, vf-pyrite xtals, scatt fossils, Chert, brn, SH, green, gray

MS, A.A., inc in SH, dk. gray, gray

SH, grays, silty in part
MS, crm to tan, brn, f-xln, dense, hard to firm, scatt pyrite xtals, NS, Chert, white

Dec in SH, blk, gray, grn, pyrite
MS, crm, f-xln, hard to firm, some chalky, sub oolitic, Chert, white, translucent, dark specs

MS, crm to brn, f-xln to chalky, firm to hrad, scatt fluor, 2 pcs w/ vuggy por, fluor, oil stn, bleeding oil, inst. streaming cut, no odor

MS-WS, crm to off white, f-xln, dense, some chalky, scatt fossils, dull fluor, 2 pcs w/ bright fluor, dead stn, v. sli. streaming cut

MS, crm to brn, f-xln, firm, few pcs w/ bright fluor(spoty), no cut no odor

SH, varicolored, Chert, yellow, white, orange, green, brn, fossilif, oolitic, vuggy por., oil in vugs, bleeding oil in tray, good stain, good odor, scatt MS, rare(1pc) fluor, gas bubbles, inst. cut

Chert, A.A, oil stain, bleeding oil, sli odor in bag, SS clusters A.A., some bleeding oil. MS, crm to gray, f-xln, hard, sli. dolomitic

MS, crm to tan, some brn, f-xln to massive txt, dense to hard, scatt sub oolitic to m-gr oolitic pcs, glauc, NS
Dolo, crm to lt. gray, vf-gr, suc. txt, firm to soft, scatt bright fluor, no stn, no odor, slow milky cut(2pcs)

Dolo crm to lt. brn, f-xln, sugary/granular txt, some pcs w/ co.gr frgmts, rare pcs soft, most tite/hard, mineral to rare bright spotty fluor, rare bleeding oil & gas bubble, live oil droplets, inst cut on select pcs, most slow milky cut unless broken, rare edge stn in dry, some pcs partial oil sat.

MS-WS, crm to off white, massive txt to m-gr txt., hard to firm, some pcs chalky, scatt fossils & sub oolitic pcs, no fluor, NS
Rare Dolo. crm to lt. brn, vf-suc txt, firm to hard, mineral flour, 1pc with inst cut(from above?), no odor

DST #1 5005-5088
30-60-60-90
SB BOB 1"
NBB
SB BOB IMMED
GTS 5" GA 1/4" Choke
30.776 MCF/10"
30.776 MCF/20"
29.190 MCF/30"
27.603 MCF/40"
7.261 MCF/50"
7.261 MCF/60"
NBB
4972' GIP
REC:35' GCM
IH 2619#
IF 28-36#
ISIP 1500#
FF 35-38#
FSIP 1518#
FH 2596#
Temp 120°F

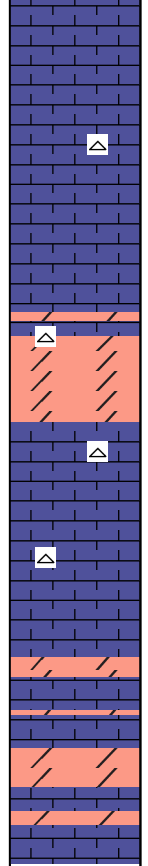
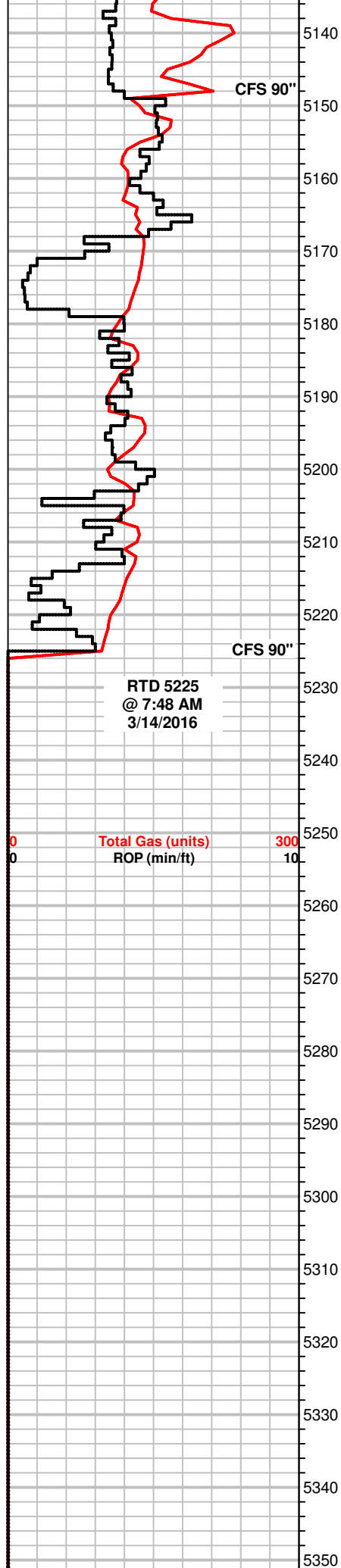
+40 UGK w/ recycle

+62 UGK, w/ recycle

+10 UGK, recycle covered by additional gas kicks

+40 UGK, recycle

DST #2 5095-5117
45-90-100-180
SB BOB 30 sec, GTS 5 min GA 1/4in choke @ 10 min, 1/2 choke after 387 MCF/10 min
1.041 MMCF/20min
1.112 MMCF/30min



5140 MS-WS, crm to off white, f-xln, scatt massive txt, fossilif., sub oolitic in part, NS

5150 MS-WS, crm to off white, f-xln to mic-xln, dense to hard, NS
Chert, white

5160 WS, crm, f-xln, sub oolitic, scatt fossils, friable, rare chalky pcs, glauc specs, NS

5170 MS-WS, A.A.
scatt Dolo, brn, vf suc, hard, dull mineral fluor, NS

5180 Dolo, crm to brn, vf-suc txt., hard, NS
MS-WS, crm to off white, f-xln, sub oolitic pcs, fossil frgmts, glauc, Chert, white, fossilif.

5190 MS-WS, crm to off white, f-xln to chalky txt, soft to firm, NS, Chert, white to lt. gray, fossilif

5200 WS-MS, A.A., glauc, NS
Chert, white, oolitic pcs, fossilif.

5210 Scatt Dolo., brn, vf- xln, suc. txt, hard, dull fluor, NS

5220 Dolo, lt. brn, vf-gr suc. txt, sugary looking xln txt, hard, mineral fluor, NS
WS, crm to off white, f-xln, oolitic to sub oolitic, chalky matrix, NS, Chert, white, opaque, fossilif.

1.095 MMCF/40min
1.095 MMCF/45min
NBB
SB GTS IMMED GA 1/2 in
choke
971 MCF/10min
1.055 MMCF/20min
1.028 MMCF/30min
1.007 MMCF/40min
960 MCF/50min
920 MCF/60min
906 MCF/70 min
893 MCF/80min
839 MCF/90min
805 MCF/100min
NBB
5046' GIP
Rec:55' GCM
IH 2481#
IF 223-282#
ISIP 1490#
FF 274-222#
FSIP 1376#
FH 2510#
Temp 114°F

