

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1269072
OIL & GAS CONSERVATION DIVISION

Form ACO-1
November 2016

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: _____

1269072

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
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:				

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)*

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>			PRODUCTION INTERVAL: Top _____ Bottom _____	

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	Imel 4-5
Doc ID	1269072

All Electric Logs Run

Dual Induction
Density - Neutron
Micro-log
Sonic

Form	ACO1 - Well Completion
Operator	Vincent Oil Corporation
Well Name	Imel 4-5
Doc ID	1269072

Tops

Name	Top	Datum
Heebner Shale	4396	(-1859)
Brown Limestone	4546	(-2009)
Lansing	4556	(-2019)
Stark Shale	4897	(-2360)
Pawnee	5095	(-2558)
Cherokee Shale	5145	(-2608)
Base Penn Limestone	5236	(-2699)
Mississippian	5261	(-2724)
RTD	5400	(-2863)

QUALITY WELL SERVICE, INC.

Federal Tax I.D. # 481187368

6361

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	07 02 15	Sec.	5	Twp.	29s	Range	22w	County	Ford	State	KS	On Location	8:00 AM	Finish	9:45 AM					
Lease	Emel	Well No.	4-5		Location Kingsdown 1/2 N, 1/4 E, N 1/4															
Contractor	Duke #9				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.		690															
Csg.	8 5/8		Depth		688															
Tbg. Size			Depth																	
Tool			Depth		City State															
Cement Left in Csg.	20' +/-		Shoe Joint		NA															
Meas Line			Displace		42 1/2 Bbls Fresh															
EQUIPMENT										Cement Amount Ordered						\$125sx class A + 2% gel + 3% cc + 1/4" Flowseal				
Pumptrk	8	No.	Mike B		Common 125															
Bulktrk	9	No.	David B		Poz. Mix 125 MDC															
Bulktrk	5	No.	David F		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										CFL-117 or CD110 CAF 38										
Pipe on Btm, Break Casing, Pump Spacer, Mix lite weight cement, Mix tail cement										Sand										
Spot Release Plug, Start Disp. w/ Fresh wash up on Plug, See steady increase in PSI, slow rate, stop pump at 42 1/2 Bbls total Disp, Shut in cement. Did Cem.										Handling						271				
										Mileage						50				
										FLOAT EQUIPMENT										
										Guide Shoe										
										Centralizer										
										Baskets										
										AFU Inserts										
										Float Shoe										
										Latch Down						8 5/8 wooden Plug				
										LMV						50				
										Service supervisor										
										Pumptrk Charge						Surface				
										Mileage						100				
										Tax										
										Discount										
										Total Charge										
Signature										G. R. R. R.										

ALLIED OIL & GAS SERVICES, LLC 055788

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Russell KJ

DATE 7-12-15	SEC. 5	TWP. 29	RANGE 22	CALLED OUT	ON LOCATION	JOB START 7:30 AM	JOB FINISH 8:30 AM
LEASE Imel	WELL# 4-G	LOCATION Kingdown NW 1/8 E			COUNTY Ford	STATE KS	
OLD OR <u>NEW</u> (Circle one)		Ninto					

CONTRACTOR Duke 9
 TYPE OF JOB long string
 HOLE SIZE 7 7/8 T.D. 5400
 CASING SIZE 5 1/2 19 DEPTH 5400
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT 17.5
 CEMENT LEFT IN CSG. 17.5
 PERFS.
 DISPLACEMENT 131.25

OWNER
 CEMENT
 AMOUNT ORDERED 175 ASC 5#6-1/8k

EQUIPMENT
 PUMP TRUCK CEMENTER Robert 4
 # 409 HELPER Ben G
 BULK TRUCK
 # 473-292 DRIVER Marlin
 BULK TRUCK
 # DRIVER

COMMON	@		
POZMIX	@		
GEL	@		
CHLORIDE	@		
ASC	175	@ 23.50	4112.50
60/40 49a	50	@ 18.92	946.00
FL-160	83#	@ 19.90	1568.70
Gilsonite	975	@ 0.99	857.50
Flush	12.661	@ 59.70	704.40
KCL	5 gal	@ 34.40	172.00
		@	
Material		@	8361.10
Disc		@	4180.54
HANDLING	25 sks	@ 2.48	558.00
MILEAGE	424 +/-	2.75	1166.00

REMARKS:

TOTAL

see log
got lift pressure at 90661
in displacement
Thank you!!!

SERVICE

DEPTH OF JOB	5400		
PUMP TRUCK CHARGE	3099.25		
EXTRA FOOTAGE	@		
MILEAGE 40 LUMI	@ 4.40	176.00	
MANIFOLD	@ 575.00	575.00	
90 HVMI	@ 7.70	616.00	
	@		

CHARGE TO: Vincent Oil
 STREET _____
 CITY _____ STATE _____ ZIP _____

Disc 3095.12 TOTAL 6190.25

PLUG & FLOAT EQUIPMENT

IR 5/8 Rudder plug	@ 85.00	85.00
IR Guide shoe	@ 281.00	281.00
AFU Insert	@ 335.00	335.00
6 centralizers	@ 57.00	342.00

Disc 521.50 TOTAL 1043.00

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 CHARGE 15,594.35
 DISCOUNT 7797.17 (50%)
 IF PAID IN 30 DAYS

PRINTED NAME ERIK HAGANS
 SIGNATURE Erik Hagans

net \$ 7797.18



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Vincent Oil Corporation
 155 N Market Ste 700
 Wichita, KS 67202
 ATTN: Tom Dudgeon

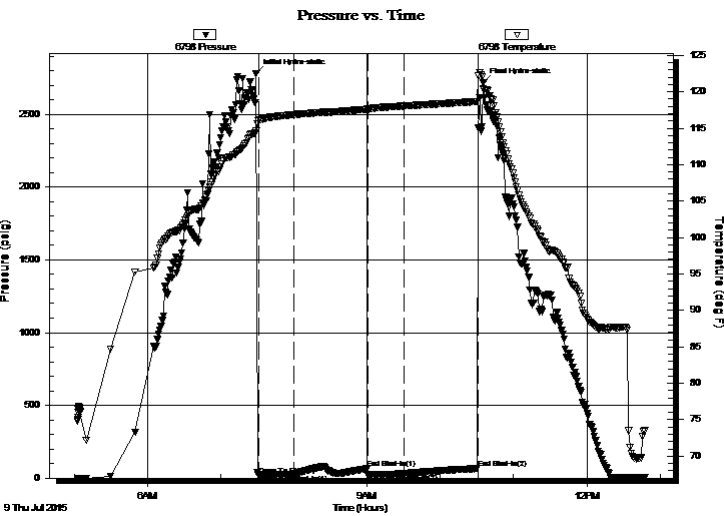
5-29S-22W Ford
Imel 4-5
 Job Ticket: 59775 **DST#: 1**
 Test Start: 2015.07.09 @ 05:02:58

GENERAL INFORMATION:

Formation: **Conglomerate**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 07:30:58
 Time Test Ended: 12:47:28
 Interval: **5228.00 ft (KB) To 5252.00 ft (KB) (TVD)**
 Total Depth: 5252.00 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: 2537.00 ft (KB)
 2524.00 ft (CF)
 KB to GR/CF: 13.00 ft

Serial #: 6798 Inside
 Press@RunDepth: 30.02 psig @ 5229.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.07.09 End Date: 2015.07.09 Last Calib.: 2015.07.09
 Start Time: 05:02:59 End Time: 12:47:28 Time On Btm: 2015.07.09 @ 07:29:13
 Time Off Btm: 2015.07.09 @ 10:35:13

TEST COMMENT: IF: Fair Blow , Built to 8 1/2 inches
 IS: No Blow Back
 FF: Weak 2 inch Blow
 FS: No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2781.94	114.70	Initial Hydro-static
2	20.53	116.06	Open To Flow (1)
31	25.71	116.87	Shut-In(1)
91	64.41	117.61	End Shut-In(1)
92	21.25	117.59	Open To Flow (2)
121	30.02	118.05	Shut-In(2)
182	66.76	118.68	End Shut-In(2)
186	2718.77	120.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	155 GIP	0.00
20.00	SGCM 2%G 98%M	0.10

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Vincent Oil Corporation

5-29S-22W Ford

155 N Market Ste 700
Wichita, KS 67202

Imel 4-5

Job Ticket: 59775

DST#: 1

ATTN: Tom Dudgeon

Test Start: 2015.07.09 @ 05:02:58

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: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7200.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	155 GIP	0.000
20.00	SGCM 2%G 98%M	0.098

Total Length: 20.00 ft Total Volume: 0.098 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

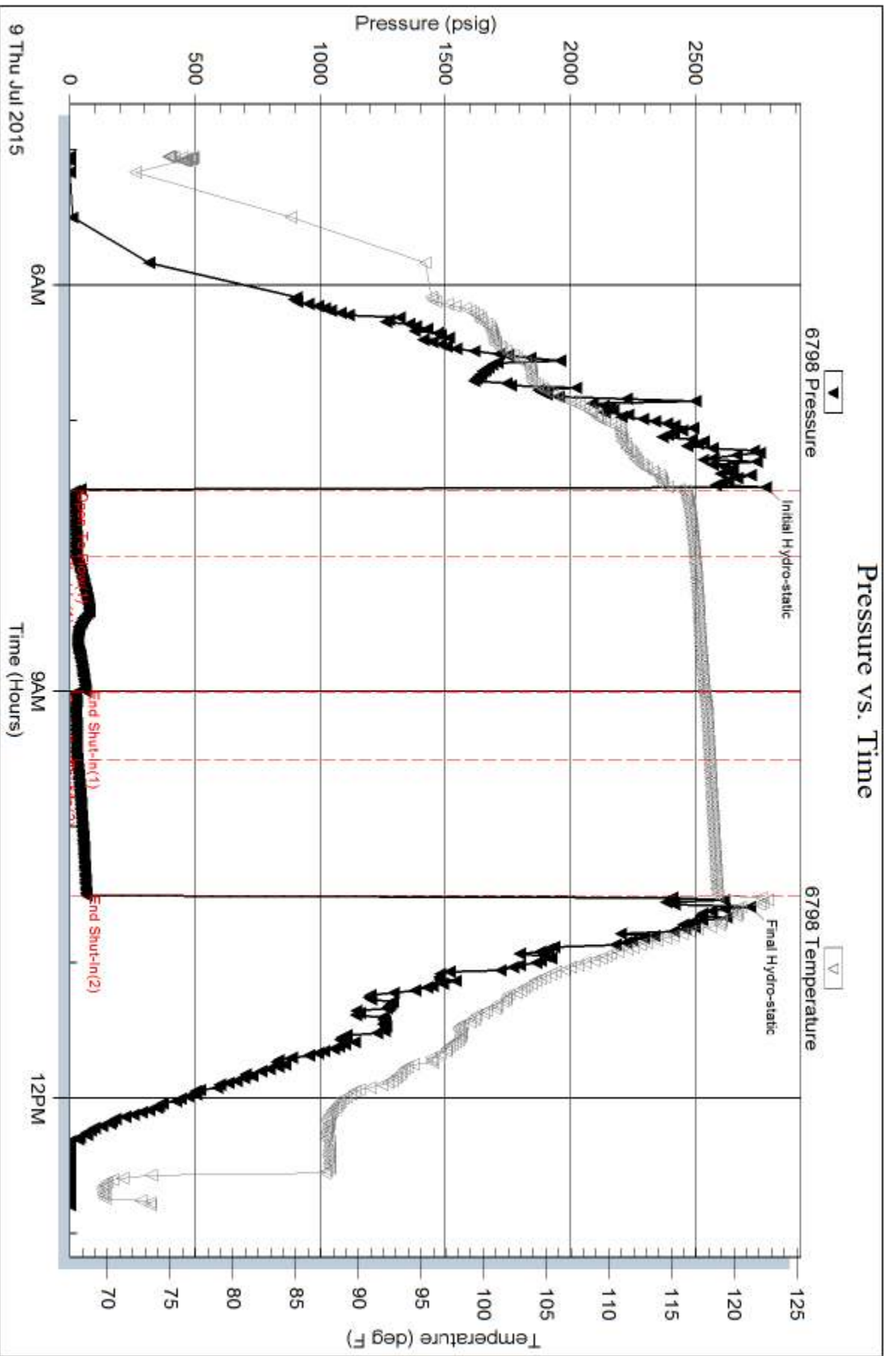
Serial #: 6798

Inside

Vincent Oil Corporation

Inel 4-5

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 59775

Printed: 2015.07.09 @ 13:07:56



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Vincent Oil Corporation
 155 N Market Ste 700
 Wichita, KS 67202
 ATTN: Tom Dudgeon

5-29S-22W Ford
Imel 4-5
 Job Ticket: 57901 **DST#: 2**
 Test Start: 2015.07.09 @ 20:33:59

GENERAL INFORMATION:

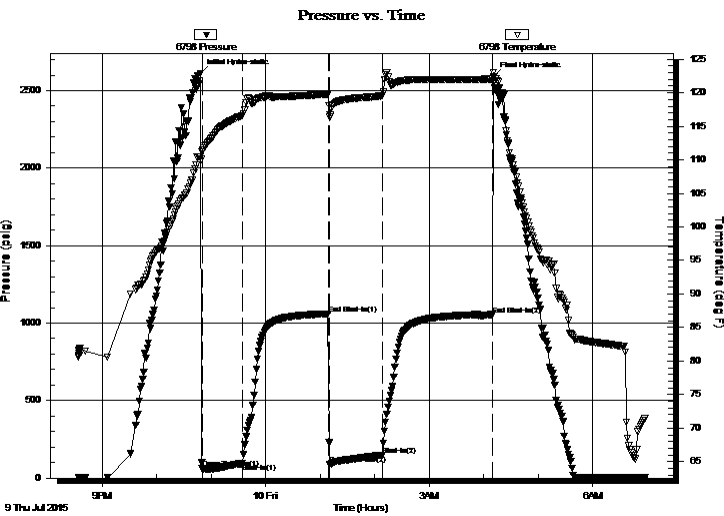
Formation: **Mississippi**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 22:49:59
 Time Test Ended: 06:56:59
 Interval: **5255.00 ft (KB) To 5279.00 ft (KB) (TVD)**
 Total Depth: 5279.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Leal Cason
 Unit No: 74
 Reference Elevations: 2537.00 ft (KB)
 2524.00 ft (CF)
 KB to GR/CF: 13.00 ft

Serial #: 6798

Inside

Press @ Run Depth: 147.75 psig @ 5256.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.07.09 End Date: 2015.07.10 Last Calib.: 1899.12.30
 Start Time: 20:34:00 End Time: 06:56:59 Time On Btm: 2015.07.09 @ 22:48:14
 Time Off Btm: 2015.07.10 @ 04:10:44

TEST COMMENT: IF: Strong Blow , BOB in 2 minutes
 IS: No Blow Back
 FF: Strong Blow , BOB in 15 seconds, GTS in 30 seconds, TSTM, Caught Sample
 FS: 1 inch Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2611.39	110.41	Initial Hydro-static
2	64.78	111.17	Open To Flow (1)
47	94.70	116.63	Shut-In(1)
141	1059.79	119.78	End Shut-In(1)
143	88.68	116.35	Open To Flow (2)
201	147.75	119.54	Shut-In(2)
322	1054.87	122.03	End Shut-In(2)
323	2589.68	123.03	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	4843 GIP	0.00
175.00	GOWCM 6%G 20%O 32%W 42%M	0.86
203.00	GWMCO 10%G 10W 20%M 60%O	2.85
40.00	GMCO 20%G 10%M 70%O	0.56

Gas Rates

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

* Recovery from multiple tests



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Vincent Oil Corporation

5-29S-22W Ford

155 N Market Ste 700
Wichita, KS 67202

Imel 4-5

Job Ticket: 57901

DST#: 2

ATTN: Tom Dudgeon

Test Start: 2015.07.09 @ 20:33:59

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:49:59

Time Test Ended: 06:56:59

Test Type: Conventional Bottom Hole (Reset)

Tester: Leal Cason

Unit No: 74

Interval: **5255.00 ft (KB) To 5279.00 ft (KB) (TVD)**

Reference Elevations: 2537.00 ft (KB)

Total Depth: 5279.00 ft (KB) (TVD)

2524.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 13.00 ft

Serial #: 8367 Outside

Press @ RunDepth: psig @ 5256.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.07.09

End Date:

2015.07.10

Last Calib.:

2015.07.10

Start Time: 20:34:00

End Time:

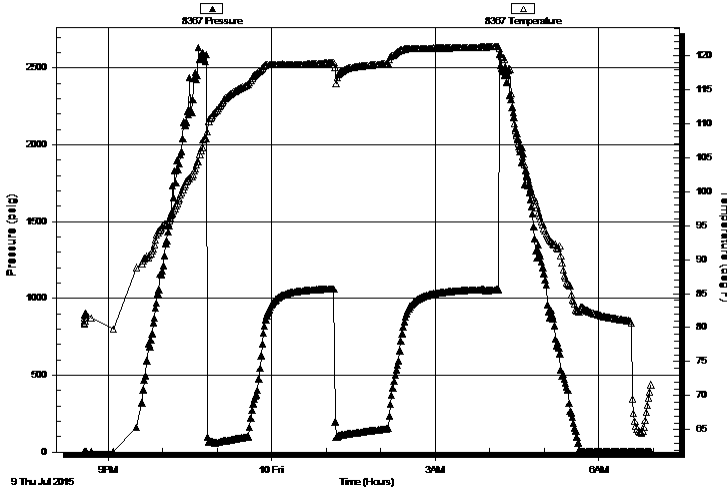
06:56:59

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: Strong Blow, BOB in 2 minutes
IS: No Blow Back
FF: Strong Blow, BOB in 15 seconds, GTS in 30 seconds, TSTM, Caught Sample
FS: 1 inch Blow Back

Pressure vs. Time



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
0.00	4843 GIP	0.00
175.00	GOWCM 6%G 20%O 32%W 42%M	0.86
203.00	GWMCO 10%G 10W 20%M 60%O	2.85
40.00	GMCO 20%G 10%M 70%O	0.56

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Vincent Oil Corporation

5-29S-22W Ford

155 N Market Ste 700
Wichita, KS 67202

Imel 4-5

Job Ticket: 57901

DST#: 2

ATTN: Tom Dudgeon

Test Start: 2015.07.09 @ 20:33:59

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:

52000 ppm

Viscosity: 66.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7800.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
0.00	4843 GIP	0.000
175.00	GOWCM 6%G 20%O 32%W 42%M	0.861
203.00	GWMCO 10%G 10W 20%M 60%O	2.848
40.00	GMCO 20%G 10%M 70%O	0.561

Total Length: 418.00 ft

Total Volume: 4.270 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW w as .13 @ 81degrees

Serial #: 6798

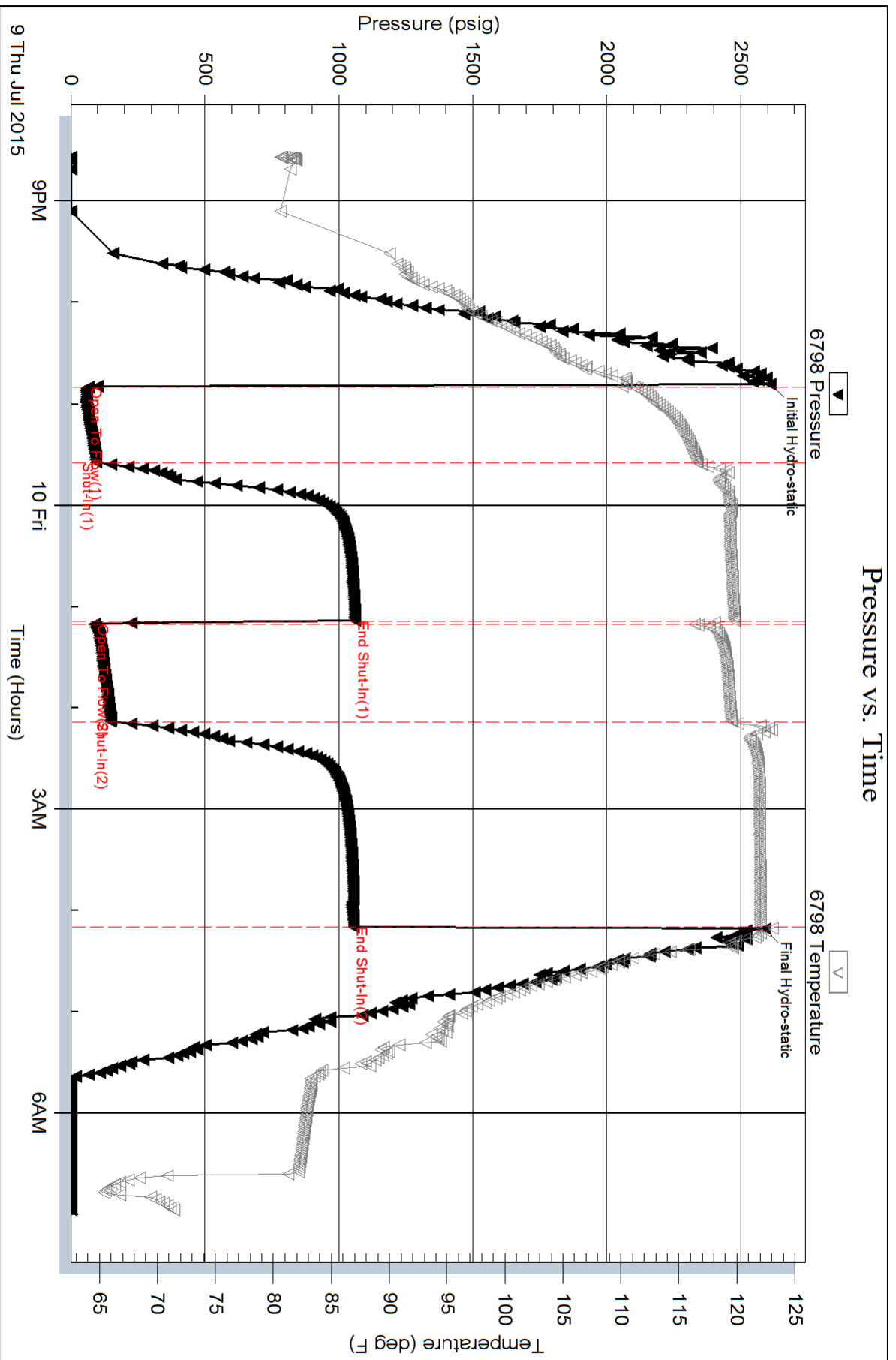
Inside

Vincent Oil Corporation

Inel 4-5

DST Test Number: 2

Pressure vs. Time

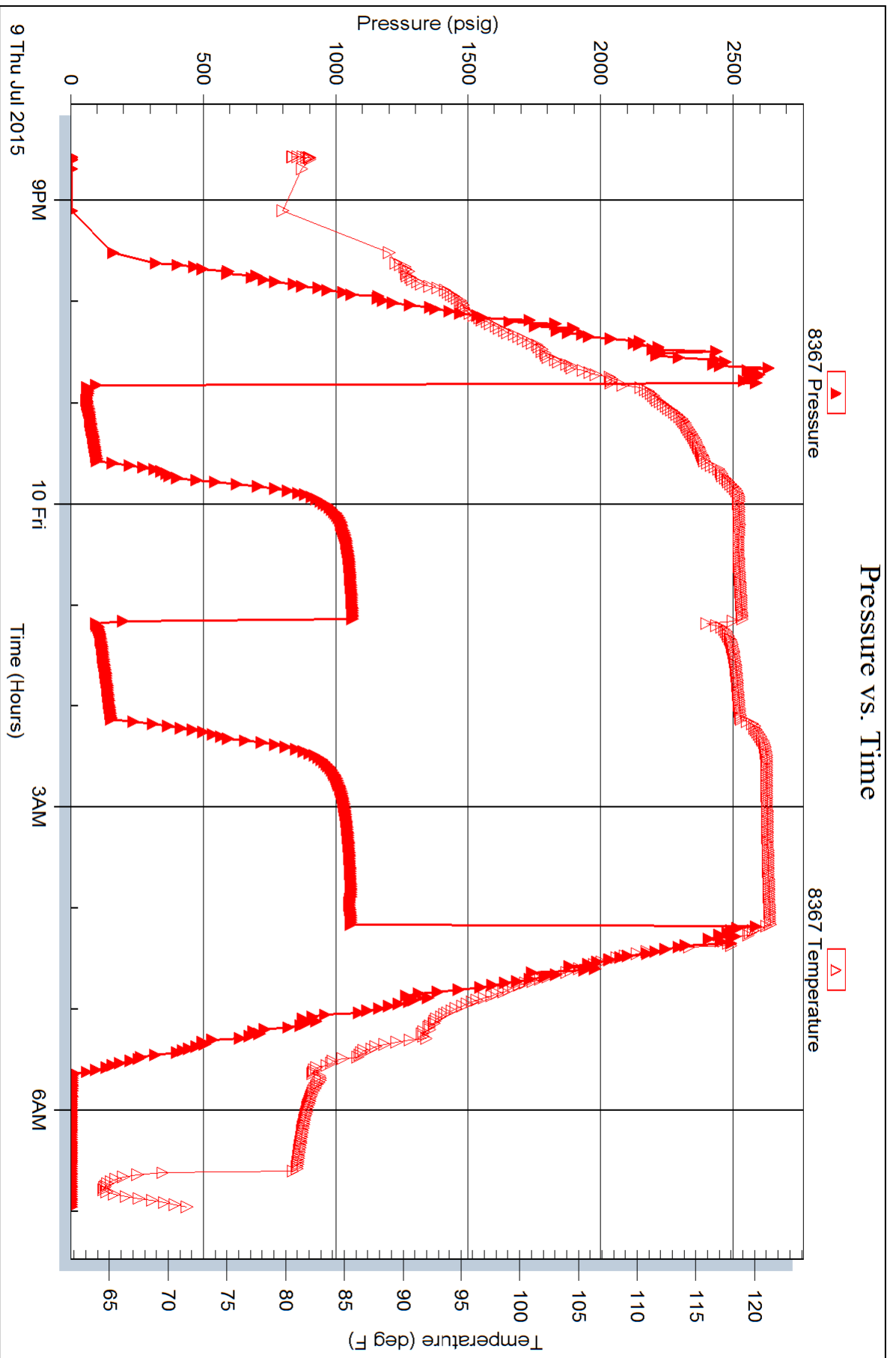


Serial #: 8367

Outside Vincent Oil Corporation

Inel 4-5

DST Test Number: 2





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Vincent Oil Corporation

5-29S-22W Ford

155 N Market Ste 700
Wichita, KS 67202

Imel 4-5

Job Ticket: 57902

DST#: 3

ATTN: Tom Dudgeon

Test Start: 2015.07.10 @ 13:50:10

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:49:25

Time Test Ended: 00:03:40

Test Type: Conventional Bottom Hole (Reset)

Tester: Leal Cason

Unit No: 74

Interval: 5280.00 ft (KB) To 5292.00 ft (KB) (TVD)

Reference Elevations: 2537.00 ft (KB)

Total Depth: 5292.00 ft (KB) (TVD)

2524.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 13.00 ft

Serial #: 6798

Inside

Press @ Run Depth: 204.83 psig @ 5281.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.07.10

End Date:

2015.07.11

Last Calib.:

2015.07.11

Start Time:

13:50:11

End Time:

00:03:40

Time On Btm:

2015.07.10 @ 15:48:10

Time Off Btm:

2015.07.10 @ 21:15:10

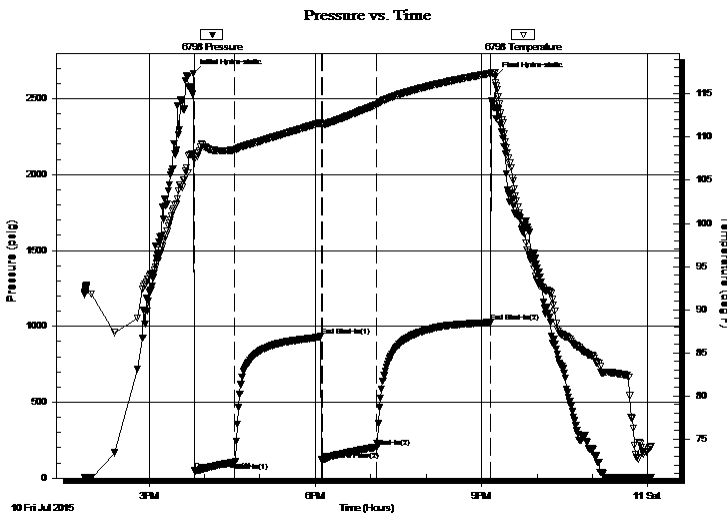
TEST COMMENT: IF: Strong Blow, BOB in 15 seconds, GTS in 40 minutes, Gauged Gas

IS: Blow Back Built to BOB in 22 minutes

FF: Strong Blow, BOB & GTS Immediate, Gauged & Caught Sample

FS: Blow Back Built to BOB in 26 minutes

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2666.80	107.66	Initial Hydro-static
2	49.62	107.39	Open To Flow (1)
45	105.79	108.52	Shut-In(1)
138	933.15	111.66	End Shut-In(1)
140	119.24	111.43	Open To Flow (2)
199	204.83	113.77	Shut-In(2)
322	1025.39	117.38	End Shut-In(2)
327	2645.89	116.27	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	4722 GIP	0.00
112.00	Water	0.55
63.00	GMOCW 6%G 12%M 40%O 42%W	0.31
365.00	GSY Oil 20%G 80%O	5.12

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	8.00	35.54
Last Gas Rate	0.25	10.00	38.71
Max. Gas Rate	0.25	10.00	38.71



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Vincent Oil Corporation

5-29S-22W Ford

155 N Market Ste 700
Wichita, KS 67202

Imel 4-5

Job Ticket: 57902

DST#: 3

ATTN: Tom Dudgeon

Test Start: 2015.07.10 @ 13:50:10

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 52.00 sec/qt
Water Loss: 9.18 in³
Resistivity: ohm.m
Salinity: 7200.00 ppm
Filter Cake: 0.02 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: 39.8 deg API
Water Salinity: 55000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	4722 GIP	0.000
112.00	Water	0.551
63.00	GMOCW 6%G 12%M 40%O 42%W	0.310
365.00	GSY Oil 20%G 80%O	5.120

Total Length: 540.00 ft Total Volume: 5.981 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW w as .12 @ 80 degrees

Gravity w as 41 @ 72 degrees



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

Vincent Oil Corporation

5-29S-22W Ford

155 N Market Ste 700
Wichita, KS 67202

Imel 4-5

Job Ticket: 57902

DST#: 3

ATTN: Tom Dudgeon

Test Start: 2015.07.10 @ 13:50:10

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	45	0.25	8.00	35.54
2	20	0.25	4.00	29.19
2	30	0.25	5.00	30.78
2	40	0.25	6.00	32.36
2	50	0.25	8.00	35.54
2	60	0.25	10.00	38.71

Serial #: 6798

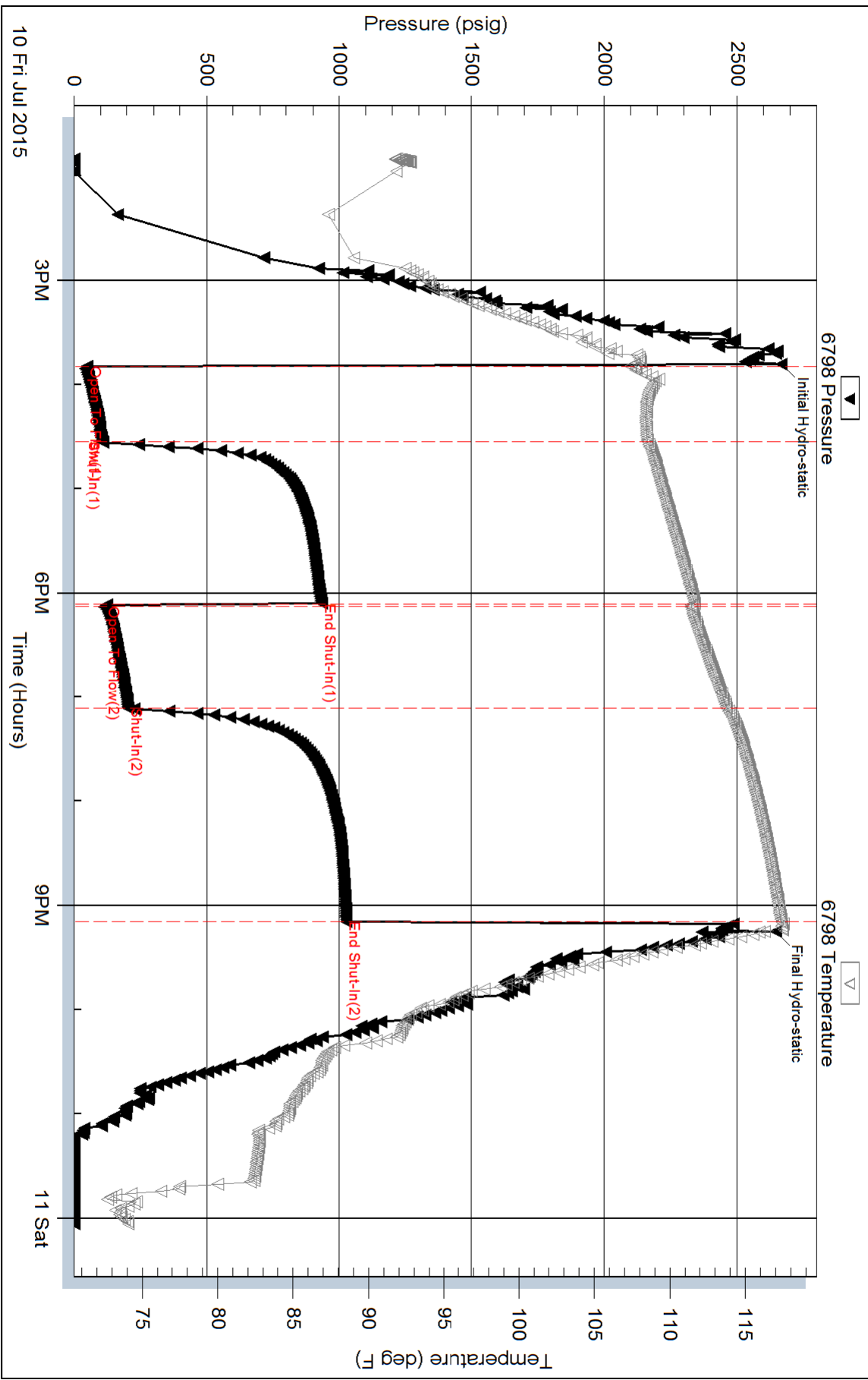
Inside

Vincent Oil Corporation

Inel 4-5

DST Test Number: 3

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 57902

Printed: 2015.07.11 @ 06:58:02



Scale 1:240 Imperial

Well Name: Imel 4-5
 Surface Location: NE NW SW SW
 Bottom Location:
 API: 15-057-20964-00-00
 License Number: 5004
 Spud Date: 7/1/2015 Time: 10:30 PM
 Region: SW
 Drilling Completed: 7/11/2015 Time: 6:44 AM
 Surface Coordinates: 1050' FSL & 455' FWL
 Bottom Hole Coordinates:
 Ground Elevation: 2524.00ft
 K.B. Elevation: 2537.00ft
 Logged Interval: 4250.00ft To: 5400.00ft
 Total Depth: 5400.00ft
 Formation: MISS
 Drilling Fluid Type: Chemical Mud

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: Imel 4-5
 Location: NE NW SW SW API: 15-057-20964-00-00
 Pool: Development Field: Kingsdown Northwest
 State: KS Country: USA

CONTRACTOR

Contractor: Duke Drilling Inc.
 Rig #: 9
 Rig Type: Rotary (double)
 Spud Date: 7/1/2015 Time: 10:30 PM
 TD Date: 7/11/2015 Time: 6:44 AM
 Rig Release: 7/12/2015 Time: 8:15 AM

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

SURFACE CO-ORDINATES

Well Type: Vertical
 Longitude: 99.7556503
 Latitude: 37.5445269

Longitude: -99.7556503
 N/S Co-ord: 1050' FSL
 E/W Co-ord: 455' FWL

Latitude: 37.5445269

ELEVATIONS

K.B. Elevation: 2537.00ft Ground Elevation: 2524.00ft
 K.B. to Ground: 13.00ft

TOTAL DEPTH

Measurement Type:	Measurement Depth:	TVD:
LTD	5406.00	5406.00
RTD	5400.00	5406.00

DRILLING FLUID SUMMARY

Type	Date	From Depth	To Depth
Chemical Mud	7/14/2015	3800.00ft	5400.00ft

OPEN HOLE LOGS

Logging Company: C J Energy Services
 Logging Engineer: Ian Mabb
 Truck #: 3802
 Logging Date: 7/11/2015 Time Spent: 6
 # Logs Run: 4 # Logs Run Successful: 4

LOGS RUN

Tool	Logged Interval	Logged Interval	Hours	Remarks	Run #
Dual Induction	0.00ft	5406.00ft	3.00		1
Den/Neu/PE	4250.00ft	5406.00ft	3.00		1
Micro	4250.00ft	5406.00ft	3.00		2
Sonic	0.00ft	5406.00ft	3.00		2

LOGGING OPERATION SUMMARY

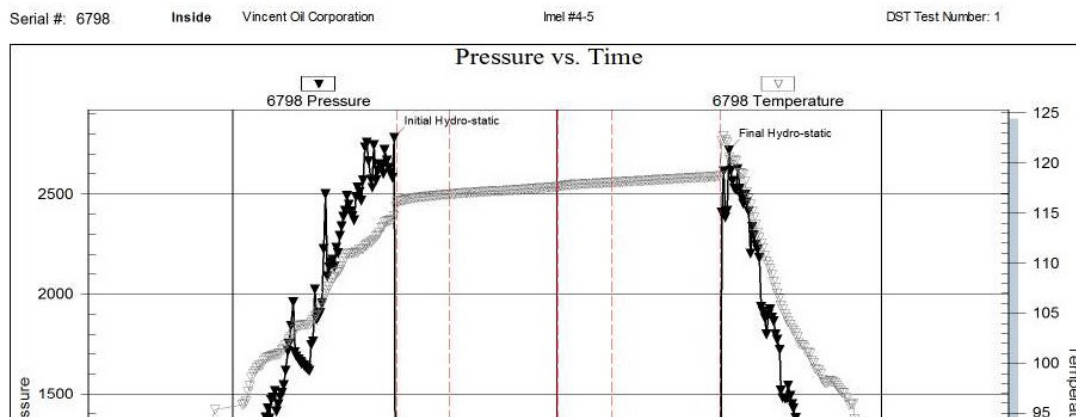
Date	From	To	Description Of Operation
7/11/2015	0.00ft	5406.00ft	Logs ran successfully

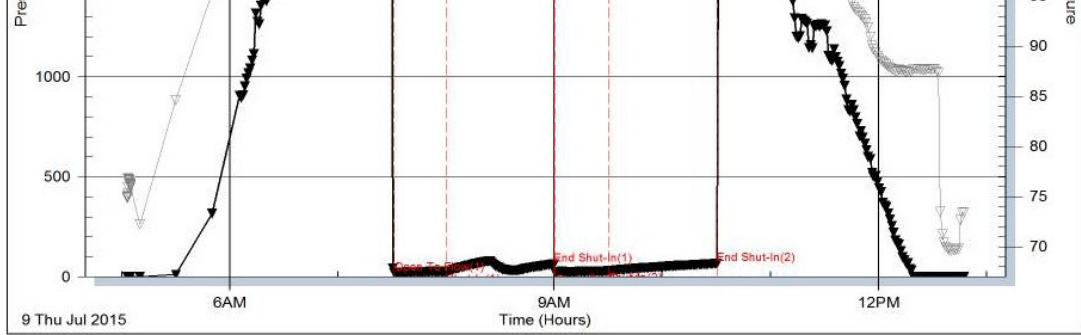
CASING SUMMARY

	Surface	Intermediate	Main		
Bit Size	12.25 in				
Hole Size			7.88 in		
	Size	Set At	Type	# of Joints	Drilled Out At
Surf Casing	8.625 in	688 ft	23#	16	7/2/2015 12:00 AM
Int Casing					
Prod Casing	5.5 in	5398 ft	14#	126	

CASING SEQUENCE

Type	Hole Size	Casing Size	At
Production String	7.88 in	5.50	5398.00 ft
Surface	12.25 in	8.63	688.00 ft

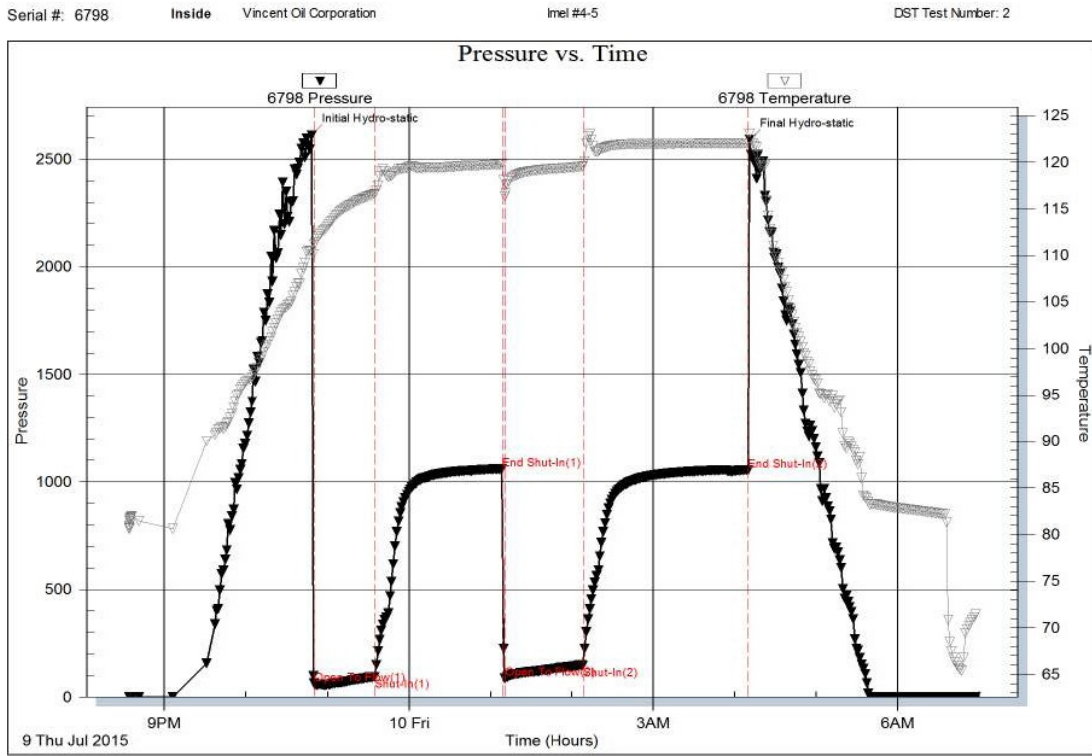




Trilobite Testing, Inc

Ref. No: 59775

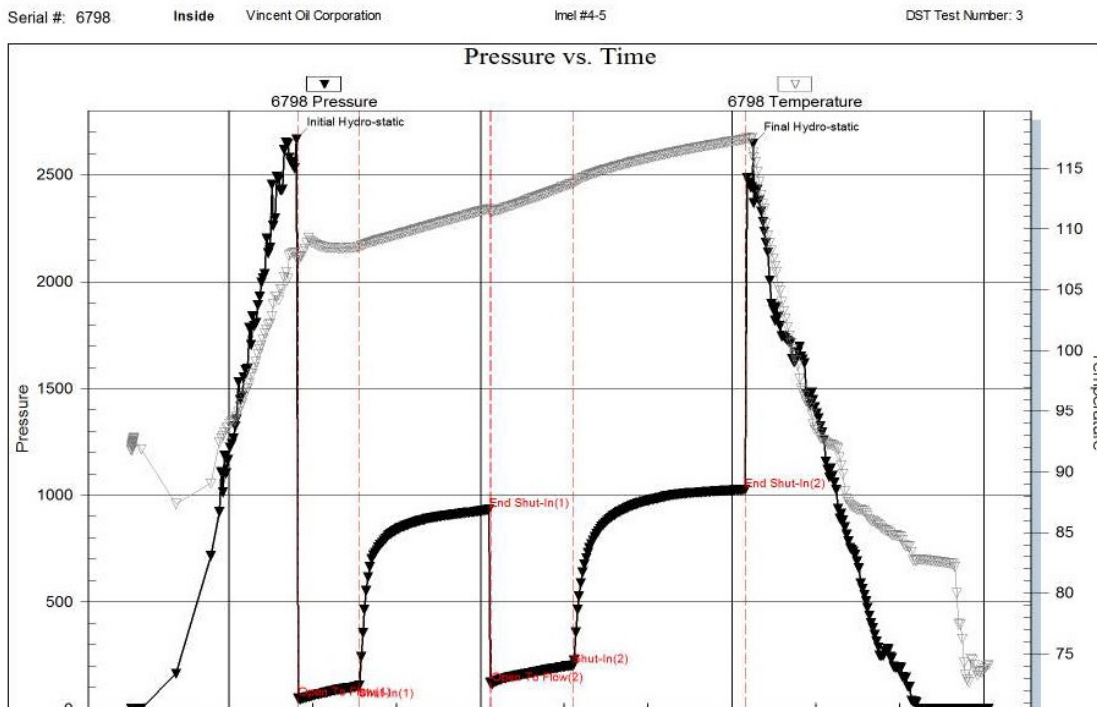
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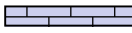


Trilobite Testing, Inc

Ref. No: 57901

Printed: 2015.07.13 @ 13:26:49



ROCK TYPES

 Coal	 Lmst fw<7	 Shgy	 Shcol
 Dolsec	 Lmst fw>7	 Shbck	 Chtcongl

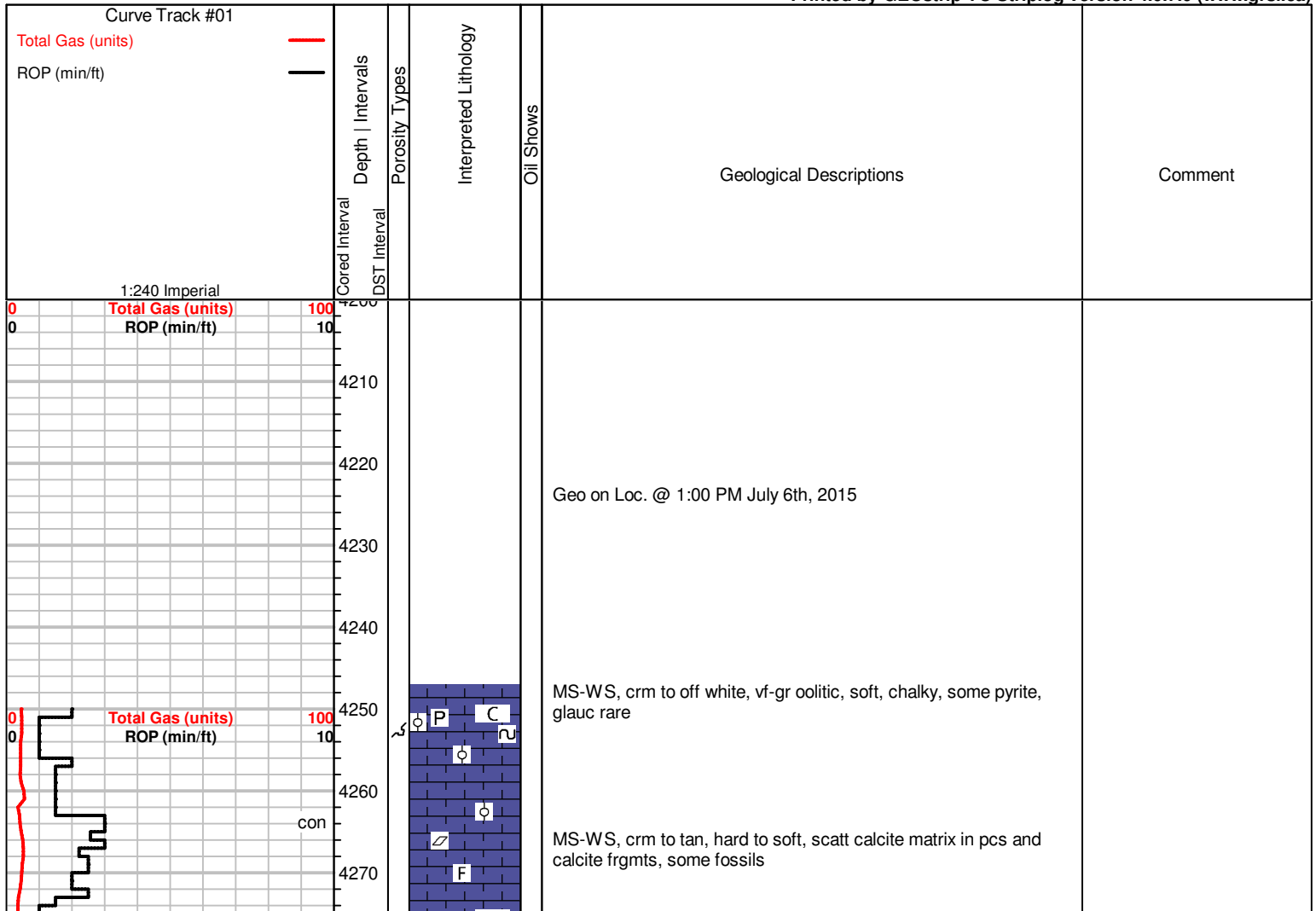
ACCESSORIES

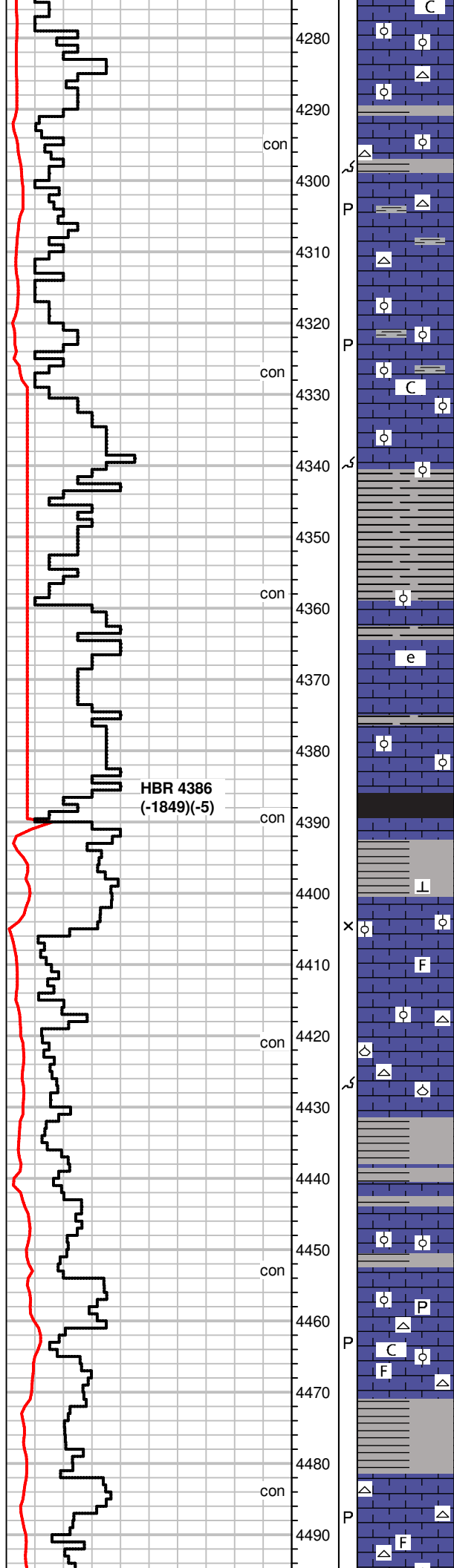
MINERAL ⊥ Calcareous ▲ Chert, dark ∟ Dolomitic ∞ Glaucinite ■ Heavy, dark minerals P Pyrite • Sandy •• Silty / Euhed rhombs of dol or △ Chert White	FOSSIL ◇ Brachiopod ○ Crinoids F Fossils < 20% ⊕ Oolite △ Spicules	STRINGER ▨ Limestone — Shale	TEXTURE C Chalky e Earthy
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OTHER SYMBOLS

POROSITY TYPE x Intercrystalline φ Interoolitic V Vuggy P Pinpoint ∟ Moldic O Organic F Fracture e Earthy □ Fenestral	OIL SHOWS ● Even Stn ● Spotted Stn 50 - 75 % ● Spotted Stn 25 - 50 % ○ Spotted Stn 1 - 25 % ○ Questionable Stn D Dead Oil Stn ■ Fluorescence	INTERVALS ■ Core • DST
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HBR 4386
(-1849)(-5)

MS, crm to tan, earthy, soft, scatt fossils, oolitic pcs, chalky, NS rare Chert, white

MS, crm, chalky, soft, some earthy pcs scatt(tan), pyrite, rare Chert, white, scatt SH, gray, red

MS-WS, crm to off white, scatt tan, micro oolitic pcs, chalky matrix, soft, fossilif., rare Dk. gray SH, sea green

MS, tan, crm, lt. gray, scatt vf oolitic pcs, mostly massive txt, friable,

Influx SH, blk, dk gray

SH, blk, dk. gray,
MS, crm to white, earthy, dense, scatt fossils, NS

MS, rare WS, white, some gray, scatt oolitic pcs, m-gr most chalky, some hard to dense,

SH, blk, dk. gray, some scatt

SH, gray

MS, off white to crm, f-xln, f-gr oolitic to sli fossilif pcs, hard, scatt SH, gray, dk. gray

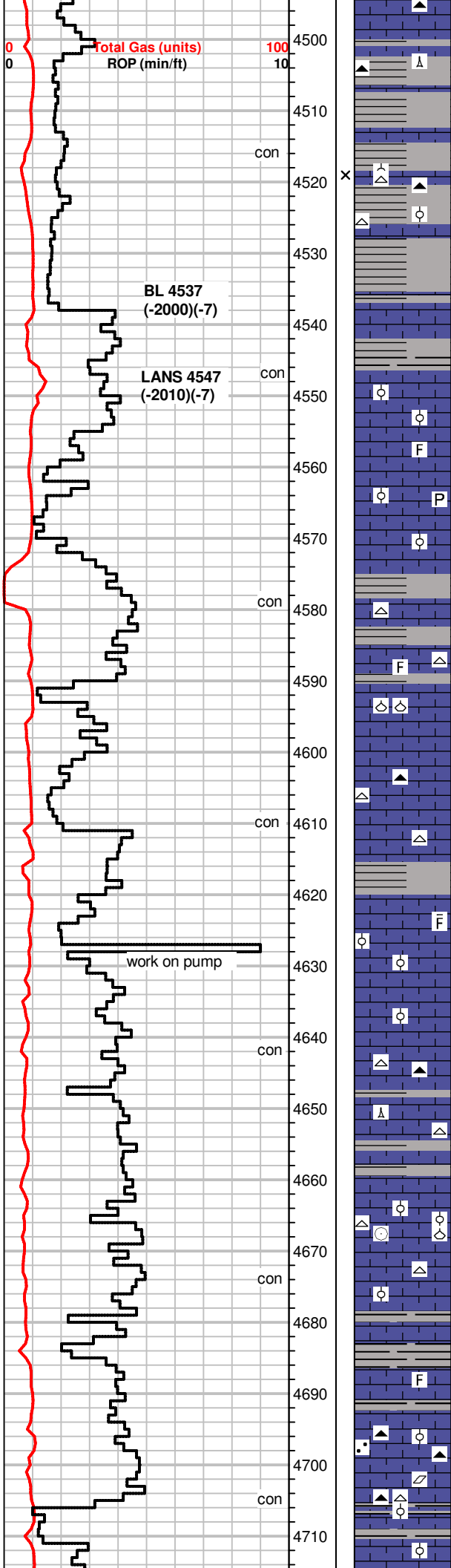
MS, crm to gary, earthy to waxy txt, hard, scatt fossils(brachs), pyrite, Chert, white

MS-WS, crm to tan, vf to f oolitic, hard, some gray pcs, mottled, dark ooids, m-gr, sugary txt in part, SH, blk, red

WS, crm to off white, some gray, m-gr oolitic pcs, some vf-g oolitic, scatt sub oolitic pcs, chalky, firm, pyrite, fossilif. Chert, white

MS, crm to brn, some gray, micro oolitic in part, chalky matrix, mottle pcs scatt, fossilif(brachs), pyrite, rare Chert, white, fossilif. SH, blk, gray

gas detector data error! +
7 UGK from hotwire



MS-WS, crm to gray, f-xln, some pcs oolitic, m-gr, chalky matrix, scatt dark ooids, mottled pcs, calcite(xtals and veins), Chert, gray, spicules

SH, gray, red

MS, tan to gray, f-xln, dense, rare sub oolitic pcs, scatt gray pcs w/ dark ooids in chalky matrix, Chert, white, brn, scatt SH, brn, gray

MS, brn, dense, scatt fossils, some gray A.A.
 SH, dk. gray, gray

MS, crm, scatt brn, gritty txt, sub oolitic in part(rare), hard, pyrite common, dull fluor, light edge stn in dry samples, dead

SH, gray

MS, crm to tan, some gray, f-xln, some pcs mottled, fossilif., scatt chalky pcs, firm, Chert, white
 rare SH, gray

MS-WS, crm to tan, chalky to massive txt, firm, sub oolitic, rare gray mottled pcs, heavy minerals, fossilif., Chert, gray, white, brn

MS, gray to crm, f-xln, dense, some pcs firm, scatt fossils, dull fluor, NS
 SH, gray, rare

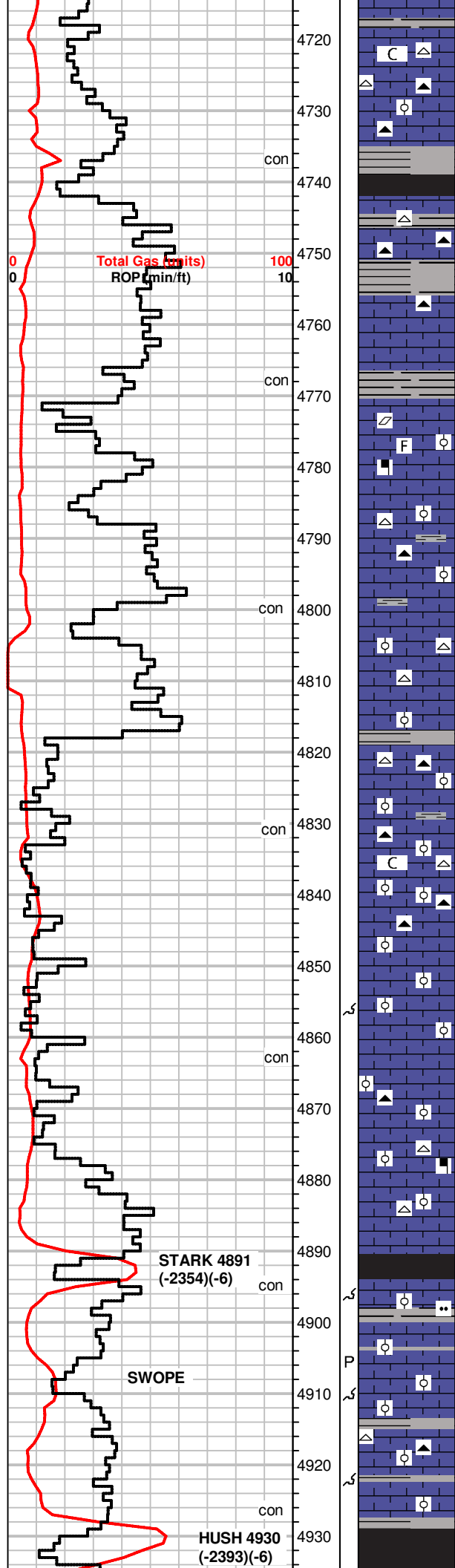
MS, brn to crm, f-xln, hard, sandy txt in part, Chert, gray, white, opaque, spicules,
 SH, blk, gray

MS-WS, gray to crm, firm, chalky txt in crm pcs, sub oolitic to micro oolitic, gritty to silty pcs, fossilif., dead wormy stn on edge, Chert, tan, fossils
 scatt SH, blk, some gray

SH, blk

MS, tan to gray, brn, f-xln, m-oolitic pcs throughout, fossilif, sandy/silty txt, Chert, blk, brn

MS-WS, crm to gray, scatt brn, vf to micro oolitic, some pcs chalky, calcite xtals, Chert, opaque-blue, gray, NS
 SH, brn, gray



SH, green, gray
 MS, crm to off white, chalky, some f-xln pcs, firm, rare dk. ooids, m-gr., pyrite, NS, Chert, white, gray, blue,

SH, blk, brn, gray
 MS, crm to brn, f-xln, chalky pcs A.A., rare fossils, NS
 Chert, brn, gray, white

SH, gray, green, dec amt of blk
 MS, crm, scatt gray, tan, f-xln to earthy txt, soft to dense pcs, rare sub oolitic, fossilif, calcite, rare dark minerals

MS, crm, mic-xln, dense, hard, micro oolitic tan pcs, fossils (brachs), NS, Chert, white, gray, fossils

rare SH, blk, green

MS-WS, crm to lt. tan, m-xln, fossilif, oolitic, m-gr, some glauc, gritty txt, hard yet brittle when crushed, scatt Chert, white

WS, crm to tan, f-xln to m-xln, micro oolitic to m-gr oolitic pcs w/ chalky matrix, sandy in part, some dense, Chert, gray, translucent, fossilif.
 scatt SH, blk

WS-MS, crm to tan, f-xln some pcs m-gr oolitic, chalky, A.A., Chert, brn, gray, tan fossilif.

WS, off white to crm, tan, m-gr oolitic, some pcs w/ white ringed ooids in chalky matrix, fossilif, some dense tan pcs scatt., dull flour, NS, Chert, gray, white

MS-WS, A.A. pcs friable, oolitic m-gr.

WS, crm to tan, f-xln, m-gr oolitic, scatt brn pcs, dense, hard, NS

SH, blk, carbonaceous
 MS-WS, gray to tan, f-xln, some pcs oolitic, dec. amt., sandy pcs, hard, dense, scatt mottled pcs, shaly in part, dull flour, NS

scatt SH, blk, gray, green, MS, brn to gray, f to m oolitic pcs, fusilinids, some dense pcs, brittle, Chert, white, fossils

MS, crm to brn, f-xln, some chalky, brittle, some oolitic A.A., dull flour, NS, Chert, white, blk,

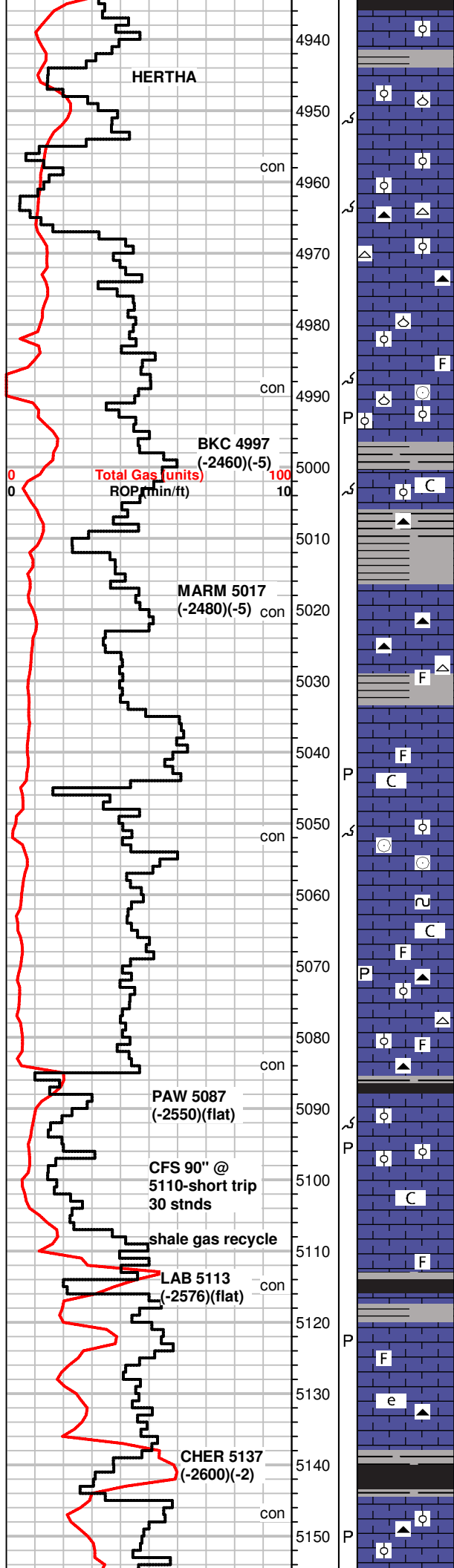
MS, brn to crm, f-xln, dense pcs, fossils, rare oolitic pcs, NS

SH, blk, brn

+44 UGK shale gas

+16 UGK, no recycle

+55 UGK shale gas



MS, crm to brn, chalky to f-xln, oolitic, f-gr ooids, NS
some SH, gray to blk

MS, brn to gray, f-xln, earthy to massive txt, dense, some m-gr dark ooids, NS

MS-WS, crm to off white, f-xln, micro oolitic, soft, friable, pyrite, dull fluor, NS, some SH, blk, gas bubbles

MS, crm to gray, chalky, gritty to silty txt in pcs, dense, rare fossils, NS, scatt Chert, blk, white, spicules
scatt SH, gray

MS, A.A., some tan and brn, f-xln, dense, some fossils, sub oolitic pcs rare. NS

MS, crm to grayish brn, f-xln, hard, dense, some chalky pcs scatt., few fossils (crinoids, brachs, ooids)
SH, blk, brn, gray

MS, tan to brn, f-xln, dense, scat chalky pcs, rare crinoids, NS

SH, gray, blk, brn, some MS, A.A., Chert, brn

SH, gray, green, scatt blk, MS, crm to tan, some gray, f-xln, dense, NS, Chert, brn

MS, crm to brn, f-xln, sli. chalky matrix, hard, dull fluor, NS Chert, white, fossilif.
SH, gray, blk

MS, A.A., chalky mtrx, scatt fossils,

some SH, blk, grn
MS-WS, crm to brn, f-xln, firm, sub oolitic, m-gr ooids, crinoids, NS

MS, crm to tan, f-xln, dense, firm to soft in chalky pcs, scatt chalky pcs, rare oolitic, some glauc, NS

MS, crm to tan, A.A., dense, lesser fossils, pyrite, Chert, white, opaque, rare lt edge stn in dry., rare SH, brn, gray

MS, tan to crm, f-xln, sub oolitic pcs common, chalky in part, A.A., Chert, tan, white, fossilif.

SH, blk, gray

MS-WS, crm to tan, f-xln, some chalky, firm to soft, sub oolitic, m-gr to f-gr, fossilif, dull fluor, lt. edge stn in dry., moldic and pp por. Chert, white, tan

MS, AA, inc in chalky pcs, dec in fossilif pcs

SH, blk, carbonaceous, some pyrite

MS, crm to tan, f-xln, chalky pcs common, scatt fossils, m-gr oolitic pcs, NS, Chert, tan, gray, fossils

MS, crm to gray, A.A., some earthy, soft, silty, Chert, tan, gray

SH, blk, gray, carbonaceous, dk. green,

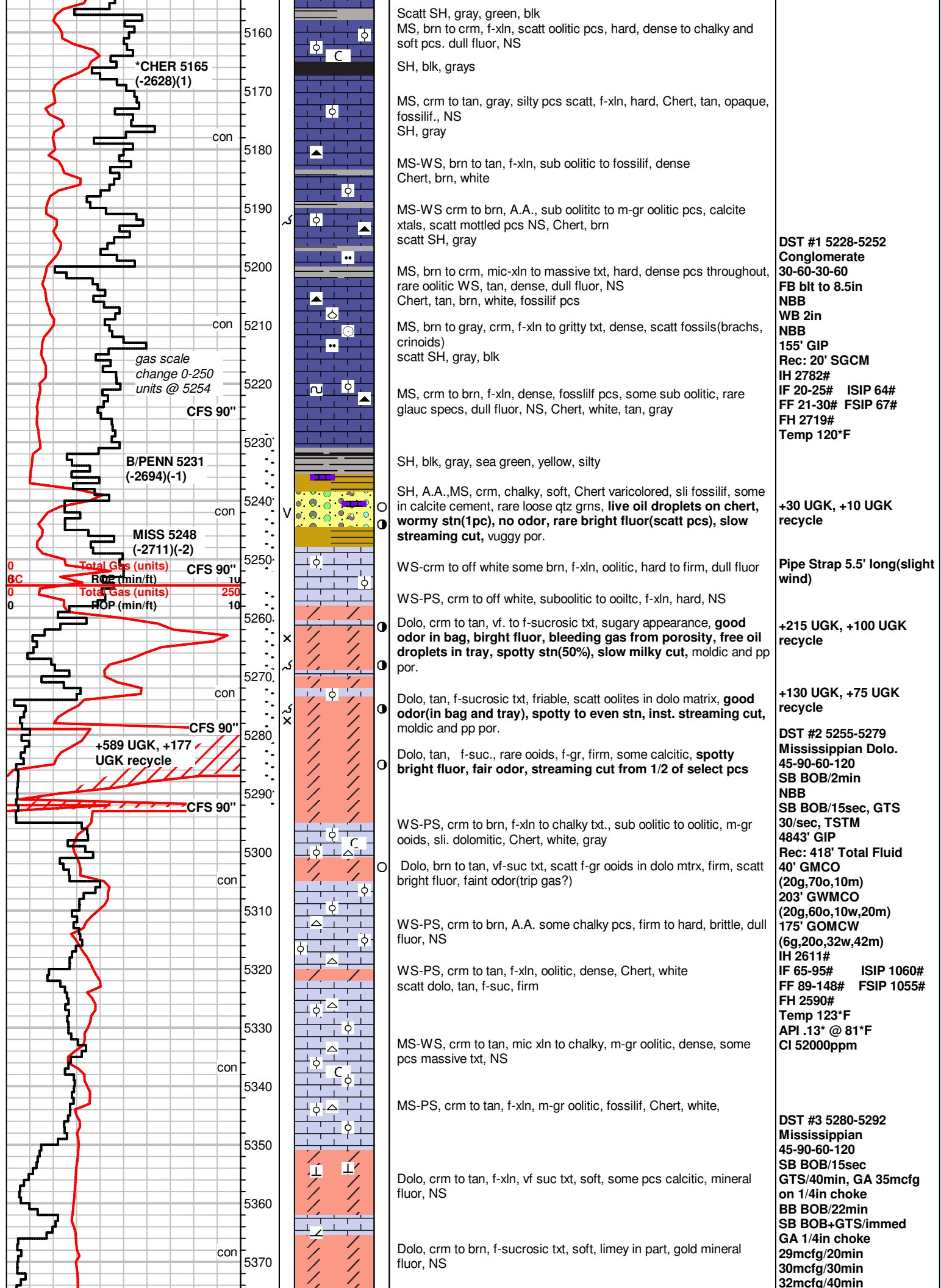
MS, crm to tan, f-xln, dense, hard, rare m-gr ooids in tite matrix, Chert, tan, whit

+20 UGK, no recycle

**+20 UGK, shale gas,
+17 UGK recycle**

+55 UGK, shale gas

+60 UGK, shale gas



Scatt SH, gray, green, blk
MS, brn to crm, f-xln, scatt oolitic pcs, hard, dense to chalky and soft pcs. dull fluor, NS

SH, blk, grays

MS, crm to tan, gray, silty pcs scatt, f-xln, hard, Chert, tan, opaque, fossilif., NS
SH, gray

MS-WS, brn to tan, f-xln, sub oolitic to fossilif, dense
Chert, brn, white

MS-WS crm to brn, A.A., sub oolitic to m-gr oolitic pcs, calcite xtals, scatt mottled pcs NS, Chert, brn
scatt SH, gray

MS, brn to crm, mic-xln to massive txt, hard, dense pcs throughout, rare oolitic WS, tan, dense, dull fluor, NS
Chert, tan, brn, white, fossilif pcs

MS, brn to gray, crm, f-xln to gritty txt, dense, scatt fossils(brachs, crinoids)
scatt SH, gray, blk

MS, crm to brn, f-xln, dense, fossilif pcs, some sub oolitic, rare glauc specs, dull fluor, NS, Chert, white, tan, gray

SH, blk, gray, sea green, yellow, silty

SH, A.A.,MS, crm, chalky, soft, Chert varicolored, sli fossilif, some in calcite cement, rare loose qtz grns, **live oil droplets on chert, wormy stn(1pc), no odor, rare bright fluor(scatt pcs), slow streaming cut, vuggy por.**

WS-crm to off white some brn, f-xln, oolitic, hard to firm, dull fluor

WS-PS, crm to off white, suboolitic to oolitic, f-xln, hard, NS

Dolo, crm to tan, vf. to f-sucrosic txt, sugary appearance, **good odor in bag, bright fluor, bleeding gas from porosity, free oil droplets in tray, spotty stn(50%), slow milky cut, moldic and pp por.**

Dolo, tan, f-sucrosic txt, friable, scatt oolites in dolo matrix, **good odor(in bag and tray), spotty to even stn, inst. streaming cut, moldic and pp por.**

Dolo, tan, f-suc., rare ooids, f-gr, firm, some calcitic, **spotty bright fluor, fair odor, streaming cut from 1/2 of select pcs**

WS-PS, crm to brn, f-xln to chalky txt., sub oolitic to oolitic, m-gr ooids, sli. dolomitic, Chert, white, gray

Dolo, brn to tan, vf-suc txt, scatt f-gr ooids in dolo mtrx, firm, scatt bright fluor, faint odor(trip gas?)

WS-PS, crm to brn, A.A. some chalky pcs, firm to hard, brittle, dull fluor, NS

WS-PS, crm to tan, f-xln, oolitic, dense, Chert, white
scatt dolo, tan, f-suc, firm

MS-WS, crm to tan, mic xln to chalky, m-gr oolitic, dense, some pcs massive txt, NS

MS-PS, crm to tan, f-xln, m-gr oolitic, fossilif, Chert, white,

Dolo, crm to tan, f-xln, vf suc txt, soft, some pcs calcitic, mineral fluor, NS

Dolo, crm to brn, f-sucrosic txt, soft, limey in part, gold mineral fluor, NS

DST #1 5228-5252
Conglomerate
30-60-30-60
FB blt to 8.5in
NBB
WB 2in
NBB
155' GIP
Rec: 20' SGCM
IH 2782#
IF 20-25# ISIP 64#
FF 21-30# FSIP 67#
FH 2719#
Temp 120°F

+30 UGK, +10 UGK
recycle

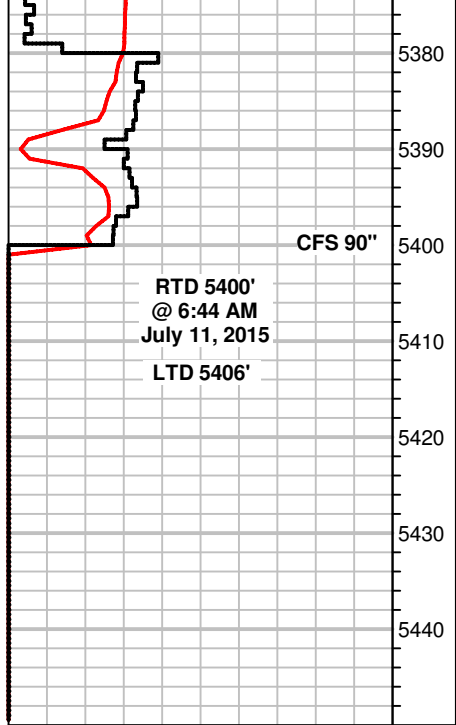
Pipe Strap 5.5' long(slight
wind)

+215 UGK, +100 UGK
recycle

+130 UGK, +75 UGK
recycle

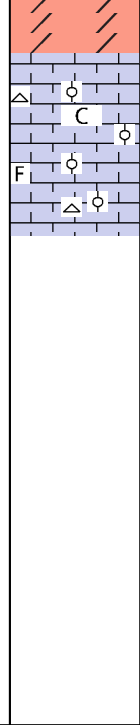
DST #2 5255-5279
Mississippian Dolo.
45-90-60-120
SB BOB/2min
NBB
SB BOB/15sec, GTS
30/sec, TSTM
4843' GIP
Rec: 418' Total Fluid
40' GMCO
(20g,70o,10m)
203' GWMCO
(20g,60o,10w,20m)
175' GOMCW
(6g,20o,32w,42m)
IH 2611#
IF 65-95# ISIP 1060#
FF 89-148# FSIP 1055#
FH 2590#
Temp 123°F
API .13* @ 81°F
CI 52000ppm

DST #3 5280-5292
Mississippian
45-90-60-120
SB BOB/15sec
GTS/40min, GA 35mcfg
on 1/4in choke
BB BOB/22min
SB BOB+GTS/immersed
GA 1/4in choke
29mcfg/20min
30mcfg/30min
32mcfg/40min



RTD 5400'
 @ 6:44 AM
 July 11, 2015
 LTD 5406'

CFS 90"



Dolo, gray to crm, vf-xln, sugary txt, rare glauc specs

WS-PS, crm to off white, scatt brn, f-xln, oolitic, m-gr ooids in chalky matrix, scatt co-gr ooids/fossils, Chert, white

35mcfg/50min
 38mcfg/60min
 4722' GIP
 Rec: 540' Total Fluid
 365' GSY OIL(20g,80o)
 63' GMOCW
 (6g,40o,42w,12m)
 112' Water
 IH 2667#
 IF 50-106# ISIP 933#
 FF 119-205# FSIP 1025#
 FH 2646#
 API .12 @ 80°F
 Gravity 39.8*
 Temp 117°F
 CI 55000ppm