

1265487

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) (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	Keough 4-34
Doc ID	1265487

All Electric Logs Run

Dual Induction
Density - Neutron
Micro-log
Sonic log

Form	ACO1 - Well Completion
Operator	Vincent Oil Corporation
Well Name	Keough 4-34
Doc ID	1265487

Tops

Name	Top	Datum
Heebner Shale	4350	(-1815)
Brown Limestone	4487	(-1952)
Lansing	4498	(-1963)
Stark Shale	4832	(-2297)
Pawnee	5039	(-2504)
Cherokee Shale	5086	(-2551)
Base Penn Limestone	5184	(-2649)
Mississippian	5197	(-2692)
RTD	5335	(-2800)
LTD	5340	(-2805)

ALLIED OIL & GAS SERVICES, LLC 065312

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:

Liberal (21)

DATE <u>6-8-15</u>	SEC. <u>34</u>	TWP. <u>28.5</u>	RANGE <u>A3 w</u>	CALLED OUT	ON LOCATION	JOB START <u>11:00am</u>	JOB FINISH <u>12:00pm</u>
LEASE <u>Keough</u>		WELL # <u>4-35</u>	LOCATION <u>Bloom KS, 4 miles North,</u>			COUNTY <u>Ford</u>	STATE <u>KS</u>
OLD OR NEW (Circle one)			<u>3 East, 3/4 North to Rig</u>				

CONTRACTOR DUKE #9 OWNER _____
 TYPE OF JOB Surface
 HOLE SIZE 12 1/2 TD _____
 CASING SIZE 8 5/8 DEPTH 678.6
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX 1000 MINIMUM _____
 MEAS. LINE _____ SHOE JOINT 41.5
 CEMENT LEFT IN CSG. 206 bbl
 PERFS. _____
 DISPLACEMENT 40.6 bbl

CEMENT
 AMOUNT ORDERED 150sc 65/35, 67gal,
37cc, 1/4 fl oz seal, Class A
100sc Class A, 32cc, 1/4 fl oz seal
 COMMON Class A 100sc @ 17.90 1,790.00
 POZMIX @ _____
 GEL @ _____
 CHLORIDE 674 # @ 1.10 741.40
 ASC @ _____
AWC Class A 150sc @ 19.88 2,982.00
CalloPhone Flakes 38sc @ 2.97 112.86
 @ _____
 @ _____
 @ _____
 @ _____
 @ _____
 @ _____
 @ _____
 HANDLING @ _____
 MILEAGE 2700.00 / 48% TOTAL 5,626.26

EQUIPMENT
 PUMP TRUCK CEMENTER Aldo Espinosa
 # 774-654 HELPER Ricardo Estada
 BULK TRUCK
 # 993-1066 DRIVER Alejandro Ayala
 BULK TRUCK
 # _____ DRIVER _____

REMARKS:

SERVICE

DEPTH OF JOB _____
 PUMP TRUCK CHARGE _____ 1,512.25
 EXTRA FOOTAGE 6vvt 40m @ 4.40 176.00
 MILEAGE Hvd 40mi @ 7.70 308.00
 MANIFOLD 1 @ 275.00 275.00
Handling 279 ft³ @ 2.48 691.92
Proyage 479 T-m @ 2.75 1,317.25
2054.60 / 48% TOTAL 4,280.42

CHARGE TO: Vincent Oil Corp.
 STREET _____
 CITY wichita STATE KS ZIP 67202

PLUG & FLOAT EQUIPMENT

Baffle Plate 1 @ 146.00 146.00
Top Rubber Plug 1 @ 121.00 121.00
 @ _____
 @ _____
 @ _____
132.96 / 48% TOTAL 277.00

SALES TAX (If Any) _____
 TOTAL CHARGES 10,183.68
 DISCOUNT 4888.17 48% IF PAID IN 30 DAYS
 NET: 5,295.51

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

PRINTED NAME Emigdio Rojas
 SIGNATURE Emigdio Rojas

QUALITY WELL SERVICE, INC.

6350

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	06-13-15	Sec.	34	Twp.	28	Range	23	County	Ford	State	KS	On Location	10:30 AM	Finish	2:00 PM
Lease	Keough	Well No.	4-34			Location						Kingsdown, KS, 2 mi, 3/4 w, N/in to			
Contractor	Duke #9				Owner				Vincent						
Type Job	Production Casing				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.	5335			Charge To				Vincent					
Csg.	4 1/2	Depth	5340			Street									
Tbg. Size		Depth				City				State					
Tool		Depth				City				State					
Cement Left in Csg.		Shoe Joint	17'			The above was done to satisfaction and supervision of owner agent or contractor.									
Meas Line		Displace	85 1/2 BBLs 2% KCL			Cement Amount Ordered				22.5sx Pro C + 5# Kol Seal + 7 1/2% Gas Block w/ 10% salt + 500 gal Mud Flush + 8 gal KCL					

EQUIPMENT

Pumptrk	8	No.	David F	Common	225 Pro C
Bulktrk	9	No.	Derek B	Poz. Mix	
Bulktrk		No.		Gel.	4
Pickup		No.	Mike B	Calcium	

JOB SERVICES & REMARKS

Rat Hole	Salt	24
Mouse Hole	Flowseal	
Centralizers	Kol-Seal	1125 #
Baskets	Mud CLR 48	500 Gal Mud Flush
D/V or Port Collar	CFL-117 or CD110 CAF 38	C-44 Gas Block 53#
Pipe on Btm, Break Casing, Pump Reflush, Plug rat & mouse hole w/ 50sx, M.Y 175sx Pro C cement, Stop-wash up - start re-	Sand-	CC-1 8 gals
Lease Plug, Start Disp. w/ 2% KCL, SFE	Handling	253
Steady increase in PSI at 56 BBLs, slow rate at 75, Bump Plug at 85 1/2 BBLs total Disp. from 600 # to 1100 #, Release PSI Float Did Hold	Mileage	50

FLOAT EQUIPMENT

Guide Shoe	1-4.5
Centralizer	6-4.5
Baskets	
AFU Inserts	1-4.5
Float Shoe	4.5 Rubby Plug
Latch Down	LMV 50

Service Supervisor

Pumptrk Charge Long string

Mileage 50x2

X Signature *[Signature]* Foreman

Tax
Discount
Total Charge



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Vincent Oil Corporation
155 N Market STE 700
Wichita, Ks. 67202
ATTN: Tom Dudgeon

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

Keough #4-34

Job Ticket: 57823

DST#: 1

Test Start: 2015.06.09 @ 00:46:08

GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 03:36:38

Time Test Ended: 10:56:23

Test Type: Conventional Bottom Hole (Initial)

Tester: Matt Smith

Unit No: 53

Interval: 5022.00 ft (KB) To 5055.00 ft (KB) (TVD)

Reference Elevations: 2535.00 ft (KB)

Total Depth: 5055.00 ft (KB) (TVD)

2522.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: 8931 Inside

Press@RunDepth: 116.02 psig @ 5023.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.06.09

End Date:

2015.06.09

Last Calib.:

2015.06.09

Start Time: 00:46:13

End Time:

10:56:23

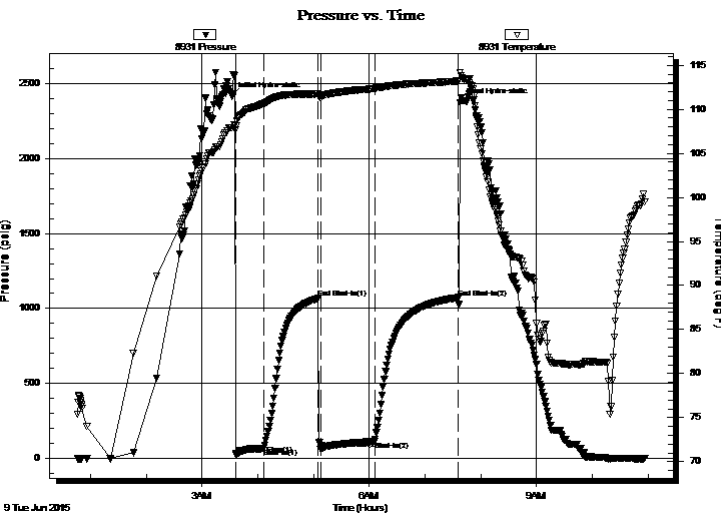
Time On Btm:

2015.06.09 @ 03:32:23

Time Off Btm:

2015.06.09 @ 07:37:23

TEST COMMENT: IF: Strong blow . B.O.B. in 8 mins.
IS: No blow .
FF: Strong blow . B.O.B. in 30 secs.
FS: Weak - Fair blow . Surf., - 4". Surf., blow back in 16 mins. G.T.S. in 45 mins.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2415.11	107.92	Initial Hydro-static
5	29.38	108.18	Open To Flow (1)
34	65.34	110.65	Shut-In(1)
93	1067.48	111.75	End Shut-In(1)
96	59.26	111.29	Open To Flow (2)
154	116.02	112.37	Shut-In(2)
244	1072.07	113.21	End Shut-In(2)
245	2372.61	114.20	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	MOCWG 10%m 15%oc 25%w 50%g	0.30
60.00	MWOG 5%m 10%w 35%o 50%g	0.30
60.00	MWOG 4%m 6%w 3%o 60%g	0.33
64.00	MWOG 4%m 6%w 37%oc 53%g	0.90
40.00	GMCO 15%g 15%m 70%oc	0.56
0.00	G.I.P. G.T.S. 100%g	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Vincent Oil Corporation

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

155 N Market STE 700
Wichita, Ks. 67202

Keough #4-34

Job Ticket: 57823

DST#: 1

ATTN: Tom Dudgeon

Test Start: 2015.06.09 @ 00:46:08

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:

48000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.19 in³

Gas Cushion Type:

Resistivity: 4700.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
60.00	MOCWG 10%m 15%oc 25%w 50%g	0.295
60.00	MVOG 5%m 10%w 35%o 50%g	0.295
60.00	MVOG 4%m 6%w 3%o 60%g	0.332
64.00	MVOCG 4%m 6%w 37%oc 53%g	0.898
40.00	GMCO 15%g 15%m 70%oc	0.561
0.00	G.I.P. G.T.S. 100%g	0.000

Total Length: 284.00 ft Total Volume: 2.381 bbl

Num Fluid Samples: 1

Num Gas Bombs: 1

Serial #: MAS Pratt

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments: RW is 85 degrees @ .13 = 48,000 chlorides.

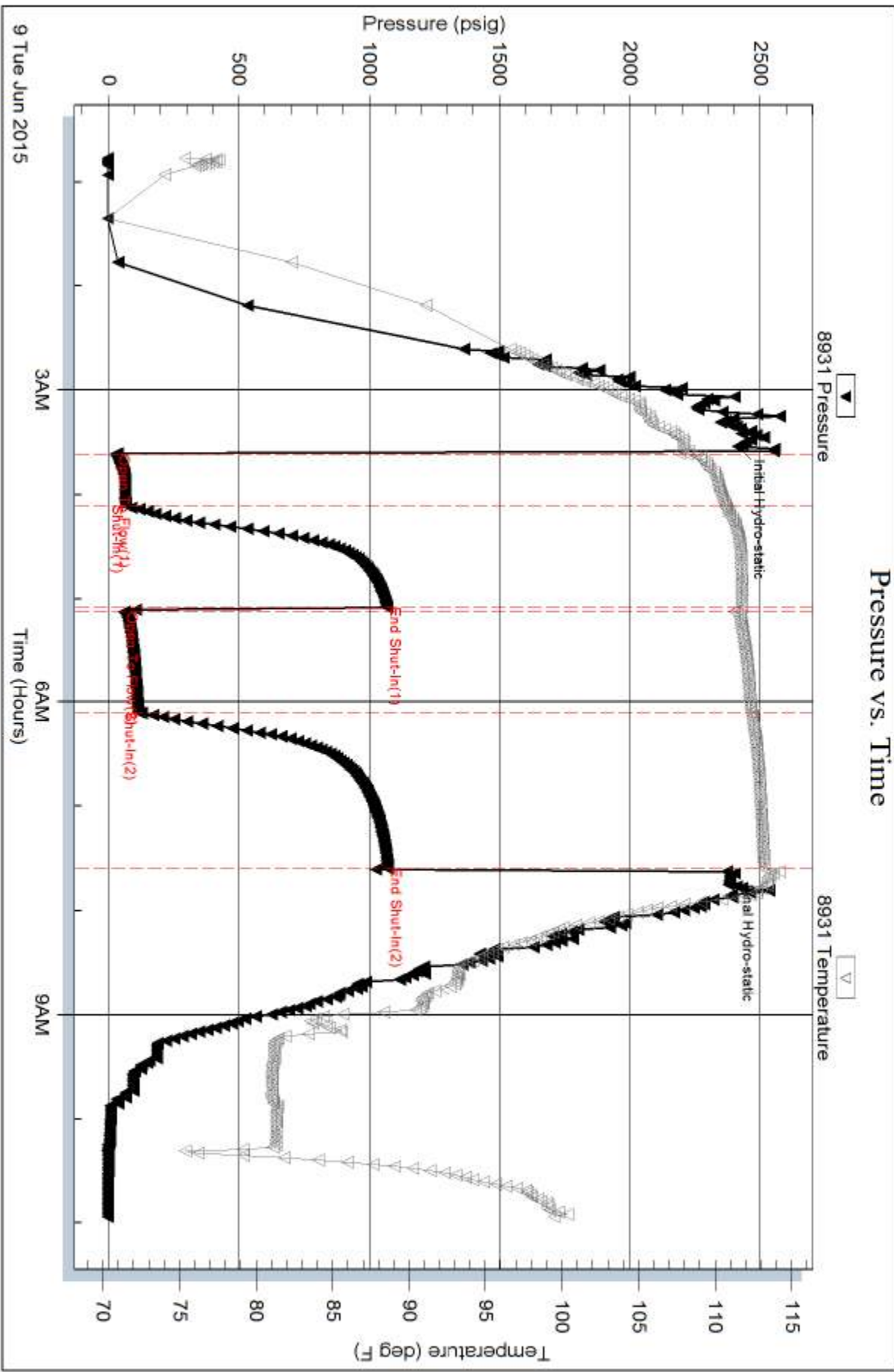
Serial #: 8931

Inside

Vincent Oil Corporation

Keough #4-34

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 57823

Printed: 2015.06.09 @ 11:58:28



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Vincent Oil Corporation
155 N Market STE 700
Wichita, Ks. 67202
ATTN: Tom Dudgeon

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

Keough #4-34

Job Ticket: 57824

DST#: 2

Test Start: 2015.06.10 @ 07:14:00

GENERAL INFORMATION:

Formation: **Conglomerate**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 09:49:00

Time Test Ended: 16:11:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Matt Smith

Unit No: 53

Interval: 5127.00 ft (KB) To 5200.00 ft (KB) (TVD)

Reference Elevations: 2535.00 ft (KB)

Total Depth: 5200.00 ft (KB) (TVD)

2522.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: 8931

Inside

Press @ RunDepth: 37.23 psig @ 5128.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.06.10

End Date:

2015.06.10

Last Calib.: 2015.06.10

Start Time: 07:14:05

End Time:

16:11:00

Time On Btm: 2015.06.10 @ 09:45:00

Time Off Btm: 2015.06.10 @ 13:35:00

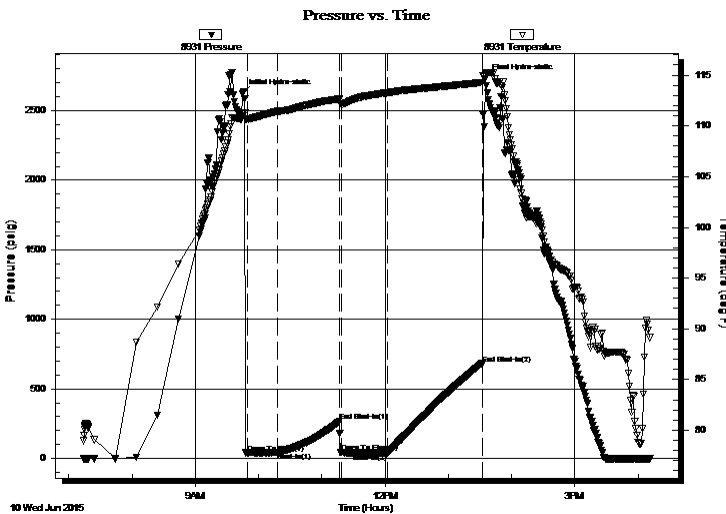
TEST COMMENT: IF: Weak blow . Surf., - 1 3/4".

IS: No blow .

FF: Fair - Strong blow . B.O.B. in 20 mins.

FS: No blow .

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2622.40	110.84	Initial Hydro-static
4	39.19	110.68	Open To Flow (1)
34	43.42	111.44	Shut-In(1)
92	265.19	112.66	End Shut-In(1)
94	43.81	112.12	Open To Flow (2)
138	37.23	113.26	Shut-In(2)
227	681.15	114.28	End Shut-In(2)
230	2731.02	115.02	Final Hydro-static

Recovery

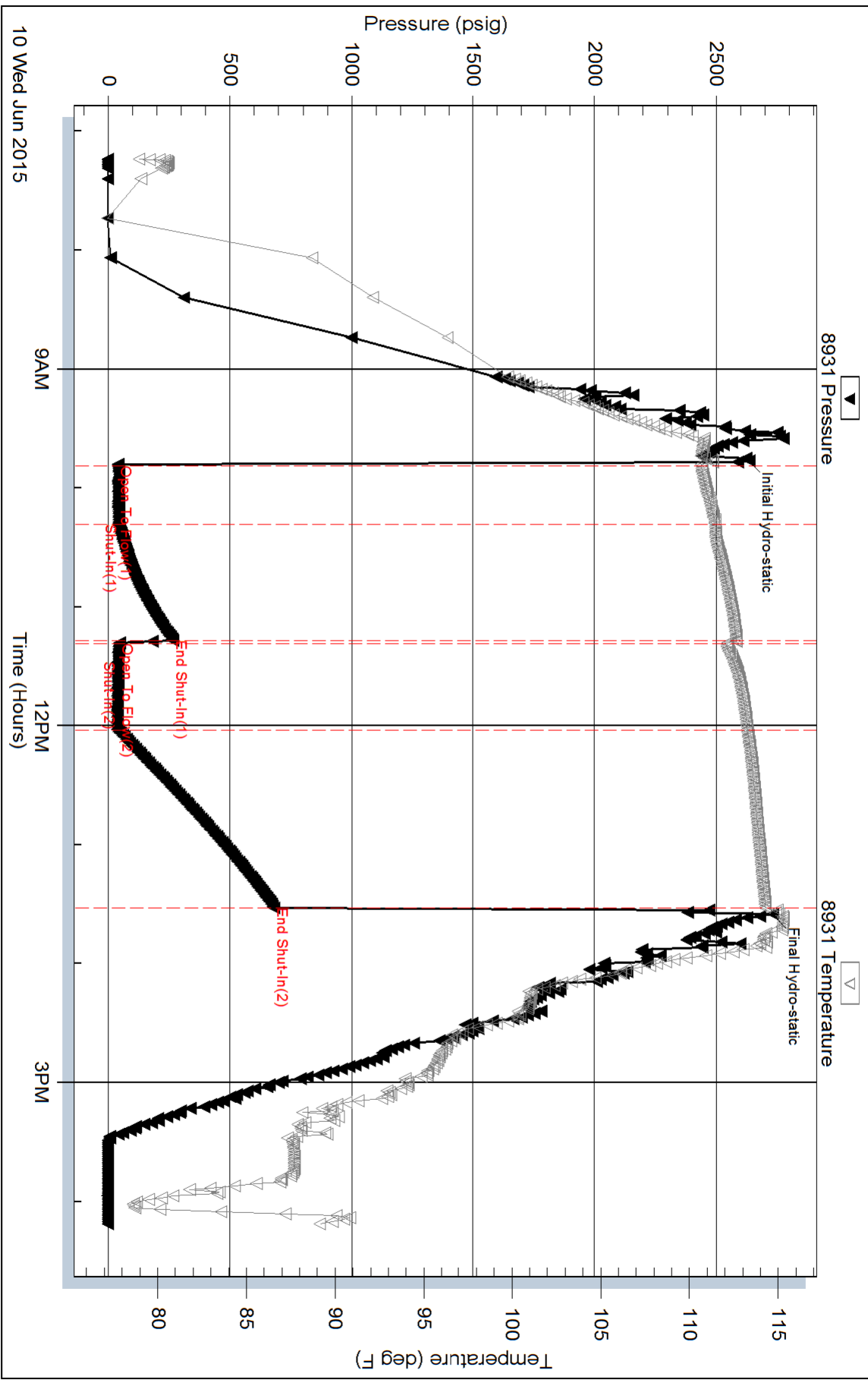
Length (ft)	Description	Volume (bbl)
5.00	Drig Mud 100% m	0.02

* Recovery from multiple tests

Gas Rates

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

Pressure vs. Time

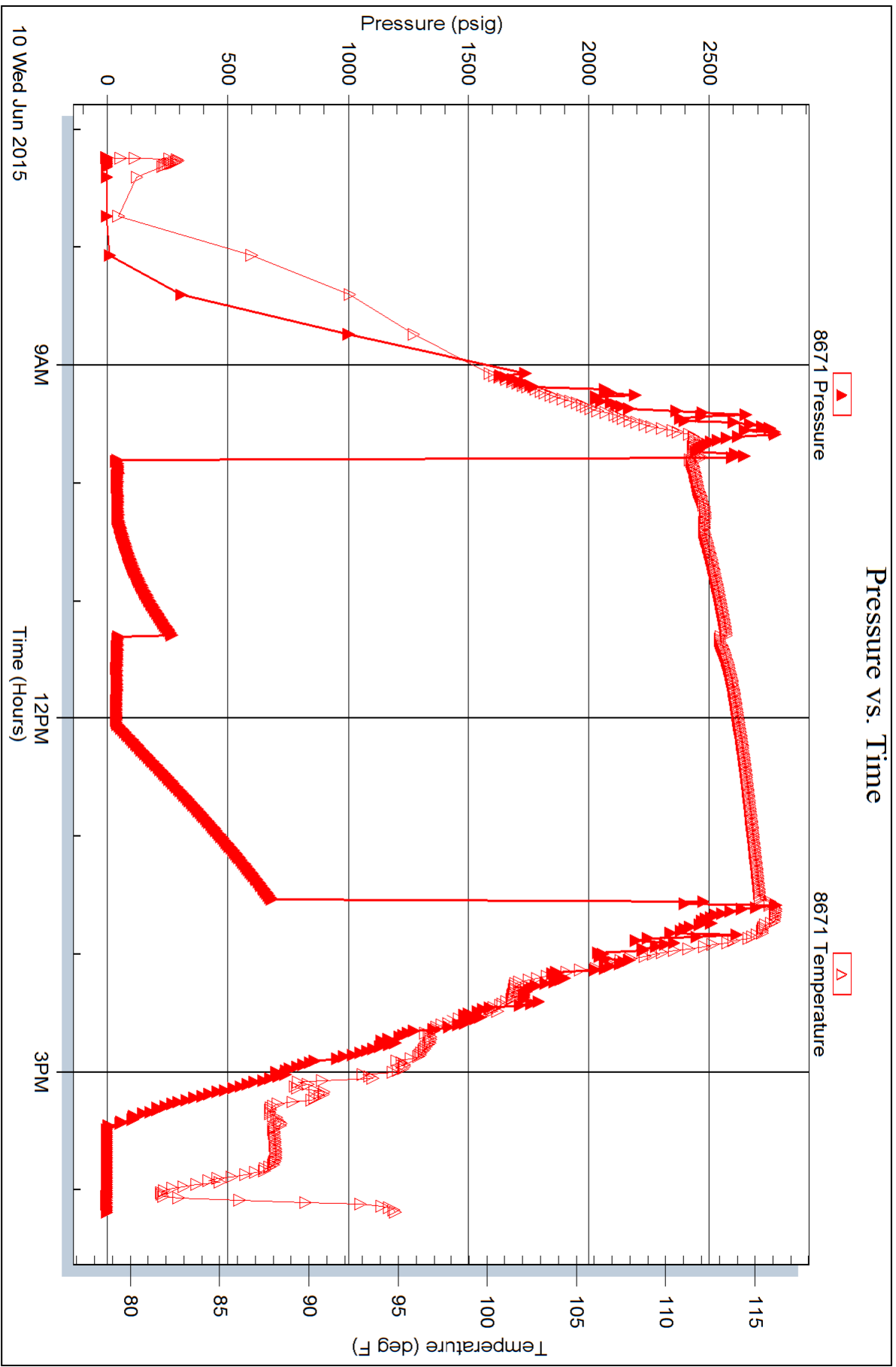


Serial #: 8671

Outside Vincent Oil Corporation

Keough #4-34

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 57824

Printed: 2015.06.10 @ 23:09:19



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Vincent Oil Corporation
 155 N Market STE 700
 Wichita, Ks. 67202
 ATTN: Tom Dudgeon

34-28s-23w Ford, Co. Ks.
Keough #4-34
 Job Ticket: 57825 **DST#: 3**
 Test Start: 2015.06.11 @ 01:25:15

GENERAL INFORMATION:

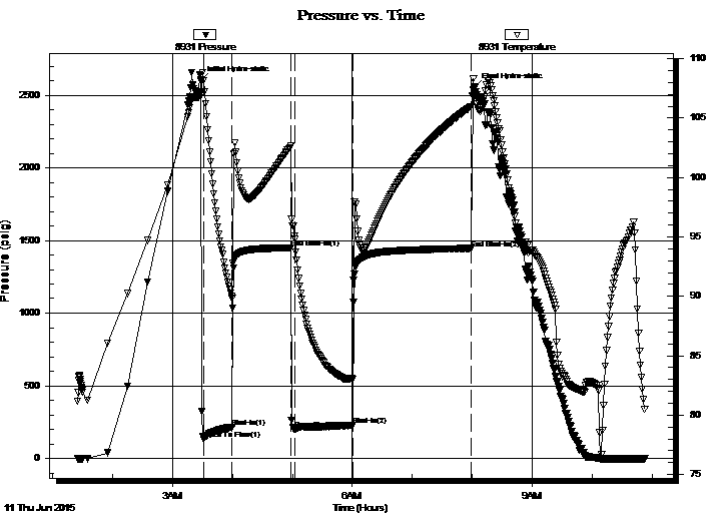
Formation: **Mississippi**
 Deviated: No Whipstock: 0.00 ft (KB)
 Time Tool Opened: 03:31:15
 Time Test Ended: 10:52:45
 Interval: **5205.00 ft (KB) To 5230.00 ft (KB) (TVD)**
 Total Depth: 5230.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Matt Smith
 Unit No: 53
 Reference Elevations: 2535.00 ft (KB)
 2522.00 ft (CF)
 KB to GR/CF: 13.00 ft

Serial #: 8931

Inside

Press@RunDepth: 229.39 psig @ 5206.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.06.11 End Date: 2015.06.11 Last Calib.: 2015.06.11
 Start Time: 01:25:20 End Time: 10:52:45 Time On Btm: 2015.06.11 @ 03:28:30
 Time Off Btm: 2015.06.11 @ 08:02:15

TEST COMMENT: IF: Strong blow . B.O.B., in 30 secs. G.T.S., in 5 mins. Gauged gas, see gas report.
 IS: No blow . 20 mins to bleed dead.
 FF: Strong blow . B.O.B. & G.T.S., immediate. Gauged gas, see gas report.
 FS: Weak blow . Surf., - 2 1/2". Started after 50 mins.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2597.77	107.14	Initial Hydro-static
3	132.65	108.18	Open To Flow (1)
32	214.86	89.84	Shut-In(1)
91	1450.25	102.69	End Shut-In(1)
94	200.30	95.09	Open To Flow (2)
152	229.39	83.05	Shut-In(2)
271	1445.08	105.99	End Shut-In(2)
274	2549.77	107.68	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	WMGCO 3%w 17%m 38%g 42%oc	0.30
60.00	GOCM 15%g 35%m 50%oc	0.30
60.00	GOCM 10%g 40%oc 50%m	0.33
0.00	G.I.P. G.T.S. 100%g	0.00

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.75	35.00	771.62
Last Gas Rate	0.75	58.50	1138.69
Max. Gas Rate	0.75	58.50	1138.69



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Vincent Oil Corporation

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

155 N Market STE 700
Wichita, Ks. 67202

Keough #4-34

Job Ticket: 57825

DST#: 3

ATTN: Tom Dudgeon

Test Start: 2015.06.11 @ 01:25:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

9400 ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 12.38 in³

Gas Cushion Type:

Resistivity: 9400.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
60.00	WMGCO 3%w 17%m 38%g 42%oc	0.295
60.00	GOCM 15%g 35%m 50%oc	0.295
60.00	GOCM 10%g 40%oc 50%m	0.332
0.00	G.I.P. G.T.S. 100%g	0.000

Total Length: 180.00 ft Total Volume: 0.922 bbl

Num Fluid Samples: 1

Num Gas Bombs: 2

Serial #: MAS Pratt

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments: Vincent requested circ. sub 5 stds up.

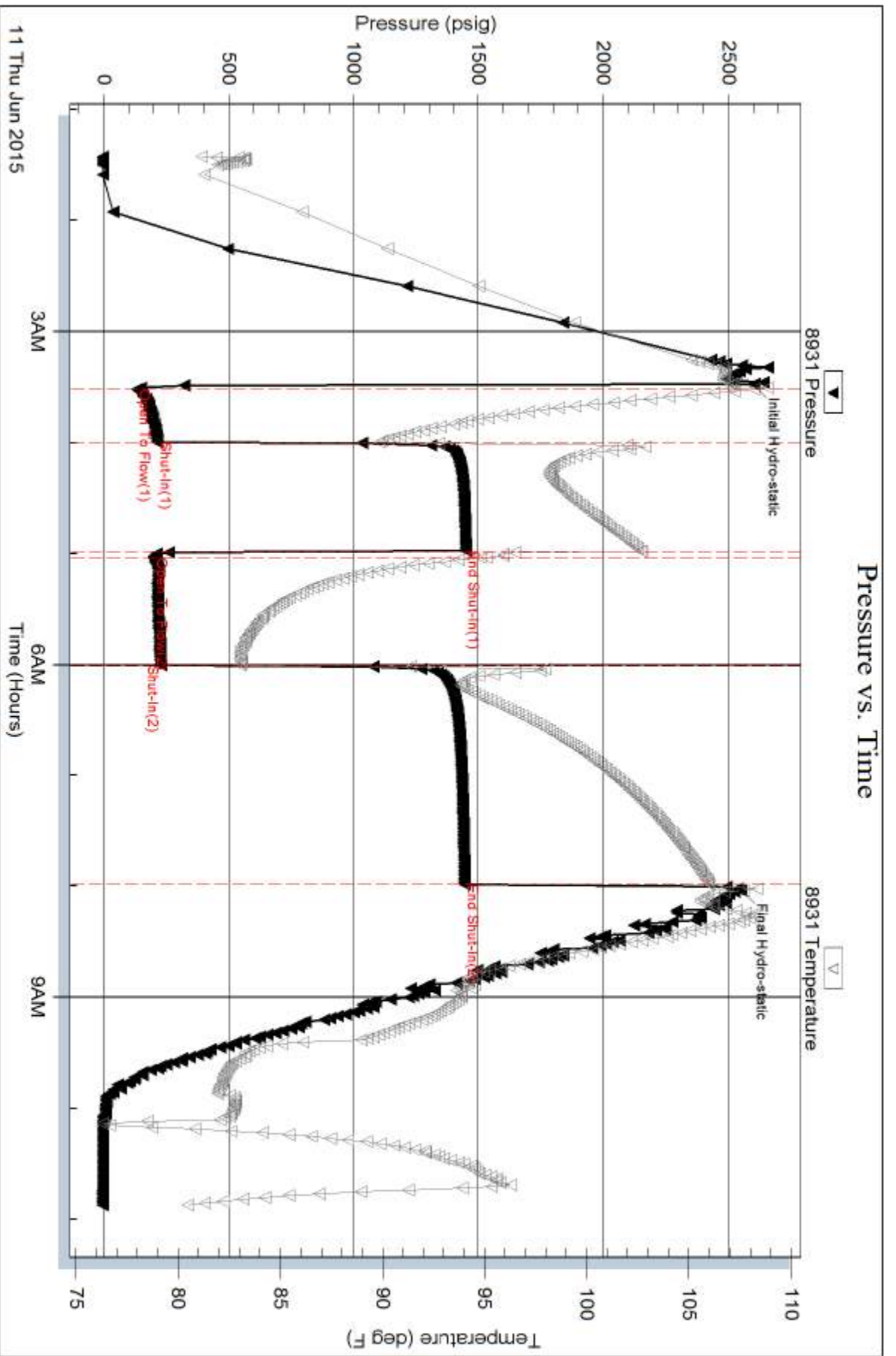
Serial #: 8931

Inside

Vincent Oil Corporation

Keough #4-34

DST Test Number: 3





TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Vincent Oil Corporation
 155 N Market STE 700
 Wichita, Ks. 67202
 ATTN: Tom Dudgeon

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

Keough #4-34

Job Ticket: 59801

DST#: 4

Test Start: 2015.06.11 @ 19:33:11

GENERAL INFORMATION:

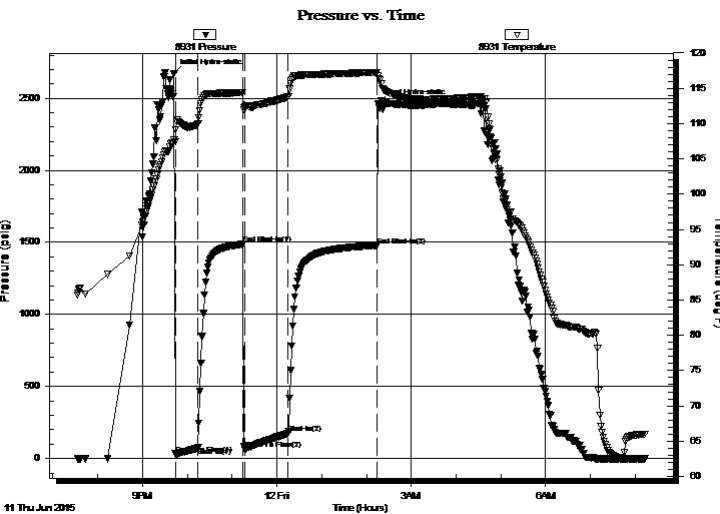
Formation: **Mississippi**
 Deviated: No Whipstock: 0.00 ft (KB)
 Time Tool Opened: 21:44:26
 Time Test Ended: 08:12:56
 Interval: **5239.00 ft (KB) To 5255.00 ft (KB) (TVD)**
 Total Depth: 5255.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Matt Smith
 Unit No: 53
 Reference Elevations: 2535.00 ft (KB)
 2522.00 ft (CF)
 KB to GR/CF: 13.00 ft

Serial #: 8931

Inside

Press@RunDepth: 175.22 psig @ 5240.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.06.11 End Date: 2015.06.12 Last Calib.: 2015.06.12
 Start Time: 19:33:16 End Time: 08:12:56 Time On Btm: 2015.06.11 @ 21:42:26
 Time Off Btm: 2015.06.12 @ 02:15:26

TEST COMMENT: IF: Strong blow .B.O.B. in 2 mins.
 IS: No blow . G.T.S., in 7 mins. Bled off in 13 mins.
 FF: Strong blow . B.O.B. & G.T.S., immediate. Gauged gas, see gas report.
 FS: Fair blow . Surf., - 8". Blow back started ater 32 mins.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2671.74	107.65	Initial Hydro-static
2	27.93	109.10	Open To Flow (1)
32	74.82	110.04	Shut-In(1)
93	1486.02	114.41	End Shut-In(1)
95	61.03	112.30	Open To Flow (2)
153	175.22	113.81	Shut-In(2)
272	1479.07	117.25	End Shut-In(2)
273	2460.21	116.73	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	OCMG 12%o 40%m 48%g	0.30
60.00	OMG 10%o 35%m 55%g	0.30
60.00	OMG 20%o 35%m 45%g	0.33
64.00	MGO 10%m 30%g 60%o	0.90
138.00	Clean Oil 100%o	1.94
0.00	G.I.P. G.T.S. 100%g	0.00

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	8.00	8.38
Last Gas Rate	0.13	36.00	18.86
Max. Gas Rate	0.13	36.00	18.86



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Vincent Oil Corporation

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

155 N Market STE 700
Wichita, Ks. 67202

Keough #4-34

Job Ticket: 59801

DST#: 4

ATTN: Tom Dudgeon

Test Start: 2015.06.11 @ 19:33:11

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:

8500 ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.59 in³

Gas Cushion Type:

Resistivity: 8500.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
60.00	OCMG 12%o 40%m 48%g	0.295
60.00	OMG 10%o 35%m 55%g	0.295
60.00	OMG 20%o 35%m 45%g	0.332
64.00	MGO 10%m 30%g 60%o	0.898
138.00	Clean Oil 100%o	1.936
0.00	G.I.P. G.T.S. 100%g	0.000
0.00	Gravity 38.5 @ 60 API	0.000

Total Length: 382.00 ft Total Volume: 3.756 bbl

Num Fluid Samples: 1

Num Gas Bombs: 3

Serial #: MAS Pratt

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments: Gravity was 39 @ 65 degrees corrected to 38.5 @ 60 degrees.



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

Vincent Oil Corporation

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

155 N Market STE 700
Wichita, Ks. 67202

Keough #4-34

Job Ticket: 59801

DST#: 4

ATTN: Tom Dudgeon

Test Start: 2015.06.11 @ 19:33:11

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	8.00	8.38
2	20	0.13	13.00	10.26
2	30	0.13	19.00	12.50
2	40	0.13	25.00	14.75
2	50	0.13	30.00	16.62
2	60	0.13	36.00	18.86

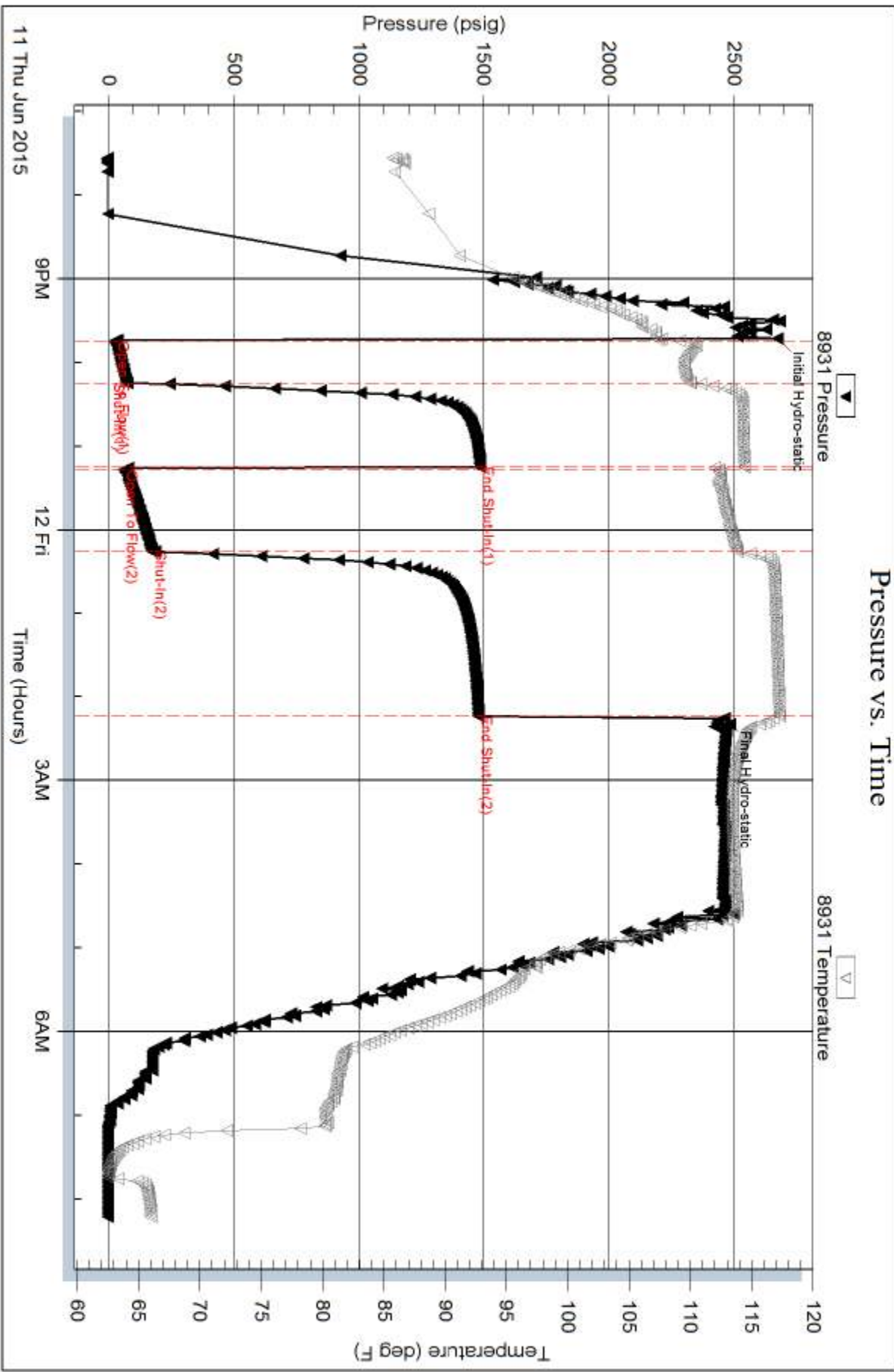
Serial #: 8931

Inside

Vincent Oil Corporation

Keough #4-34

DST Test Number: 4





Scale 1:240 Imperial

Well Name: Keough 4-34
 Surface Location: S2 NE SE NW
 Bottom Location:
 API: 15-057-20962
 License Number: 5004
 Spud Date: 6/1/2015 Time: 9:00 PM
 Region:
 Drilling Completed: 6/12/2015 Time: 1:49 PM
 Surface Coordinates: 1780 FNL & 2310 FWL
 Bottom Hole Coordinates:
 Ground Elevation: 2522.00ft
 K.B. Elevation: 2535.00ft
 Logged Interval: 4200.00ft To: 5335.00ft
 Total Depth: 5335.00ft
 Formation: MISS
 Drilling Fluid Type: Chemical Mud

OPERATOR

Company: Vincent Oil Corporation
 Address: 155 N Market St
 Ste 700
 Wichita KS 67202
 Contact Geologist: Dick Jordan
 Contact Phone Nbr: 3162623573
 Well Name: Keough 4-34
 Location: S2 NE SE NW API: 15-057-20962
 Pool: Development Field: Mulberry Creek
 State: KS Country: Ford

CONTRACTOR

Contractor: Duke Duilling Co., Ind.
 Rig #: 9
 Rig Type: Rotary
 Spud Date: 6/1/2015 Time: 9:00 PM
 TD Date: 6/12/2015 Time: 1:49 PM
 Rig Release: 6/13/2015 Time: 4:00 PM

LOGGED BY

Company: Vincent Oil Corporation
 Address: 155 N Market St
 Ste 700
 Wichita KS 67202
 Phone Nbr: 3162623573
 Logged By: Geologist Name: Tom Dudgeon

SURFACE CO-ORDINATES

Well Type: Vertical
 Longitude: 99.8229104
 Latitude: 37.5672242

Longitude: -99.8239194
 N/S Co-ord: 1780 FNL
 E/W Co-ord: 2310 FWL

Latitude: 37.5672342

ELEVATIONS

K.B. Elevation: 2535.00ft Ground Elevation: 2522.00ft
 K.B. to Ground: 13.00ft

TOTAL DEPTH

Measurement Type:	Measurement Depth:	TVD:
RTD	5335.00	5340.00
LTD	5340.00	5340.00

DRILLING FLUID SUMMARY

Type	Date	From Depth	To Depth
Chemical Mud	6/5/2015	3800.00ft	5340.00ft

OPEN HOLE LOGS

Logging Company: Nabors Completion and Production Services Co.
 Logging Engineer: Blake Waggoner
 Truck #: 3802
 Logging Date: 6/12/2015 Time Spent: 6
 # Logs Run: 4 # Logs Run Successful: 4

LOGS RUN

Tool	Logged Interval	Logged Interval	Hours	Remarks	Run #
Dual Induction	0.00ft	5340.00ft	3.00		1
Density Neutron	4250.00ft	5340.00ft	3.00		1
Micro	4250.00ft	5340.00ft	3.00		2
Sonic	0.00ft	5340.00ft	3.00		2

LOGGING OPERATION SUMMARY

Date	From	To	Description Of Operation
6/12/2015	0.00ft	0.00ft	Open hole logs ran successfully, 6:30 PM to 12:30AM

CASING SUMMARY

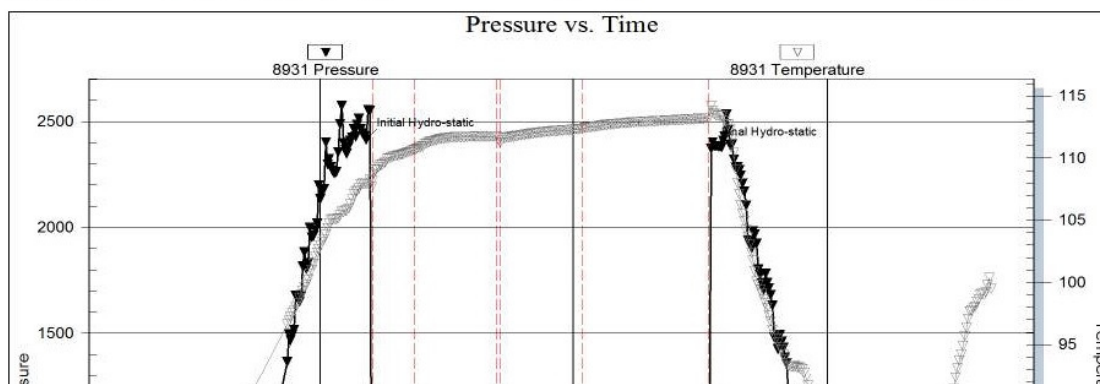
	Surface	Intermediate	Main		
Bit Size					
Hole Size					
	Size	Set At	Type	# of Joints	Drilled Out At
Surf Casing					
Int Casing					
Prod Casing					

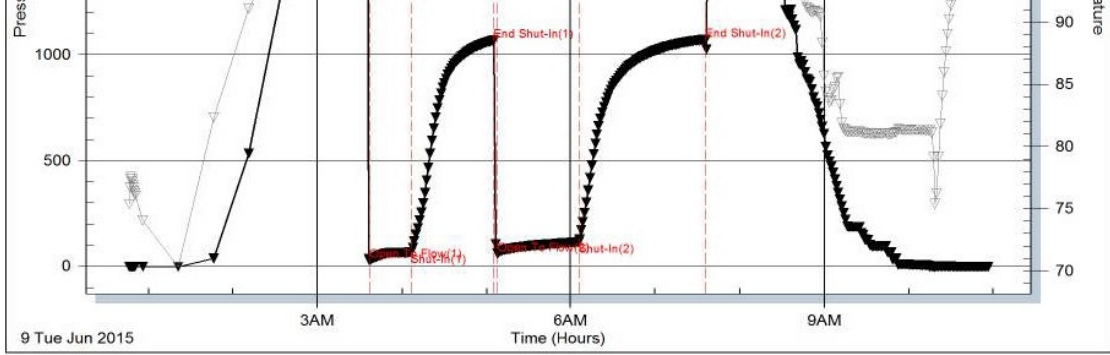
CASING SEQUENCE

Type	Hole Size	Casing Size	At
	0.00 in	0.00	0.00 ft

DST 1

Serial #: 8931 Inside Vincent Oil Corporation Keough #4-34 DST Test Number: 1





Triblote Testing, Inc

Ref. No: 57823

Printed: 2015.06.12 @ 14:26:14

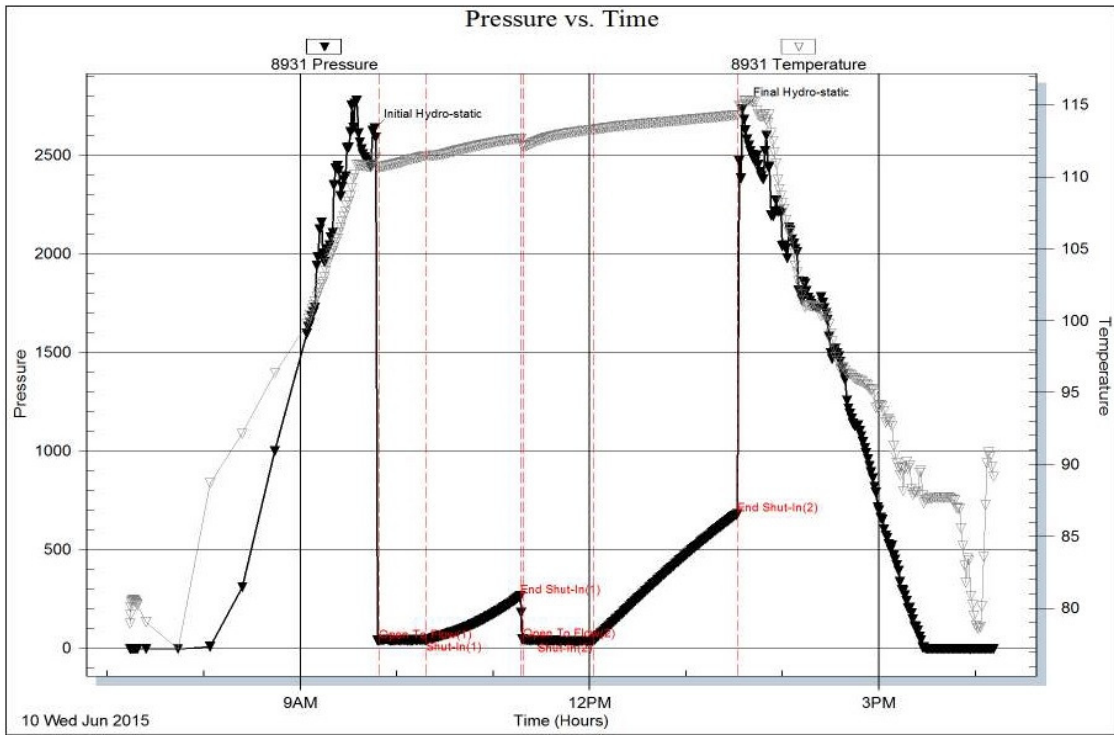
DST 2

Serial #: 8931

Inside Vincent Oil Corporation

Keough #4-34

DST Test Number: 2



Triblote Testing, Inc

Ref. No: 57824

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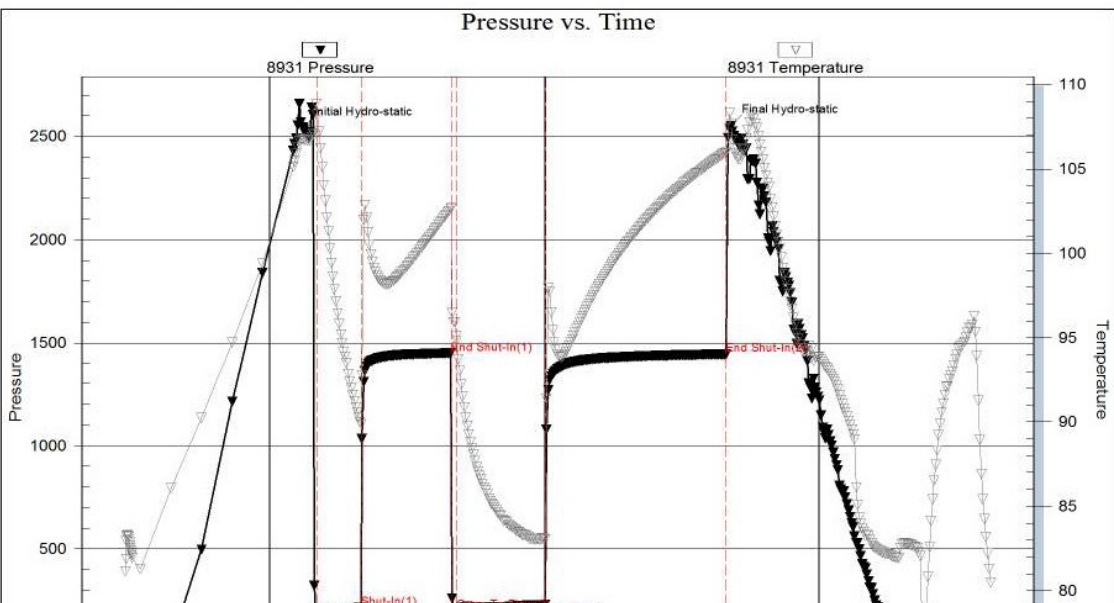
DST 3

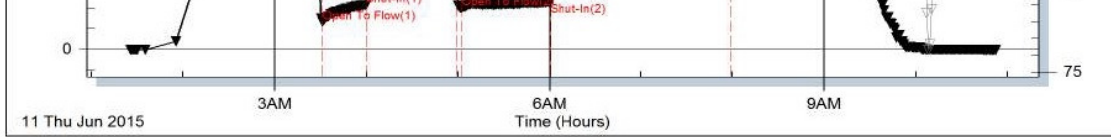
Serial #: 8931

Inside Vincent Oil Corporation

Keough #4-34

DST Test Number: 3



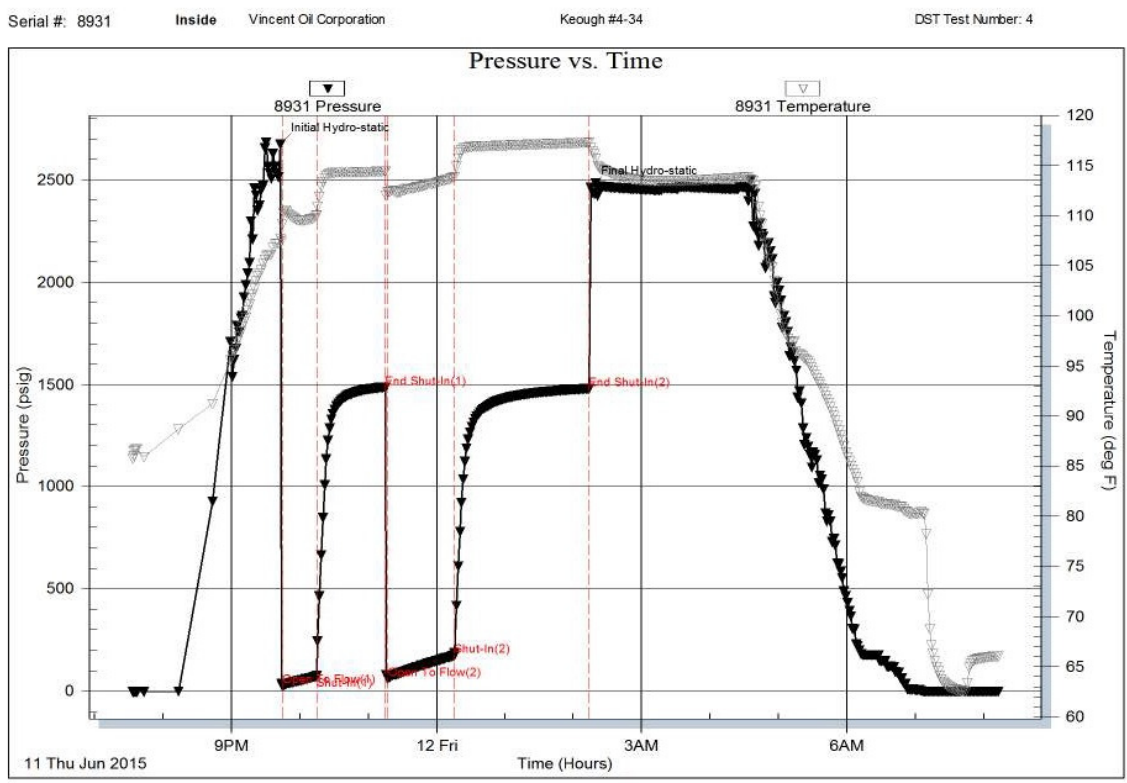


Tribolite Testing, Inc

Ref. No: 57825

Printed: 2015.06.12 @ 14:22:37

DST 4



Tribolite Testing, Inc

Ref. No: 59801

Printed: 2015.06.12 @ 10:52:50

ROCK TYPES

- | | | | | |
|--------|-----------|-------|----------|----------|
| Coal | Lmst fw<7 | Shgy | Shcol | Chtcong1 |
| Dolsec | Lmst fw>7 | Shblk | Cht vari | |

ACCESSORIES

- | | | | | |
|--|---|--|--|---------------------------------------|
| MINERAL
⊥ Calcareous
■ Carbonaceous Flakes
▲ Chert, dark
⊔ Dolomitic
• Ferruginous, grains or p
∞ Glauconite
■ Heavy, dark minerals
✕ Mineral Crystals
P Pyrite
• Sandy
• Silty
△ Chert White | FOSSIL
◇ Brachiopod
♁ Coral
○ Crinoids
F Fossils < 20%
◊ Oolite
△ Spicules | STRINGER
Dolomite
Sandstone | TEXTURE
C Chalky
CX Cryptocrystalline
e Earthy | MISC
≡ Fractures
≡ Veins |
|--|---|--|--|---------------------------------------|

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 |
|---|--|-------------------------------------|

Curve Track #01		Depth Intervals	Porosity Types	Interpreted Lithology	Oil Shows	Geological Descriptions	Comment
Total Gas (units)	ROP (min/ft)						
1:240 Imperial							
0	100	4150					
0	10	4150					
Depth: 678.0 Bit #: 2 Size: 7.875 Type: JZ ENP0120 In: 678 Out: 5055 Drilled: 4377 Hours: 120 Cond: Lost nozzle							
		4160					
		4170					
		4180					
		4190					
		4200	con				
		4210					
		4220					
		4230	con				
		4240					
		4250					
0	100	4250					
0	10	4250					
		4260	con				
		4270					
		4280					
		4290					
		4300	con				
		4310					
		4320					
		4330	con				

Geo on location @ 8:00 AM 6/7/2015
 Bloodhound Gas Detector provided by Bluestem Labs

WS-PS, crm to off white, gritty txt, firm to soft, some vitreous hard pcs, sli. chalky in part, some pcs fossilif. (crinoids), PP and rare vuggy por., NS some SH, gray

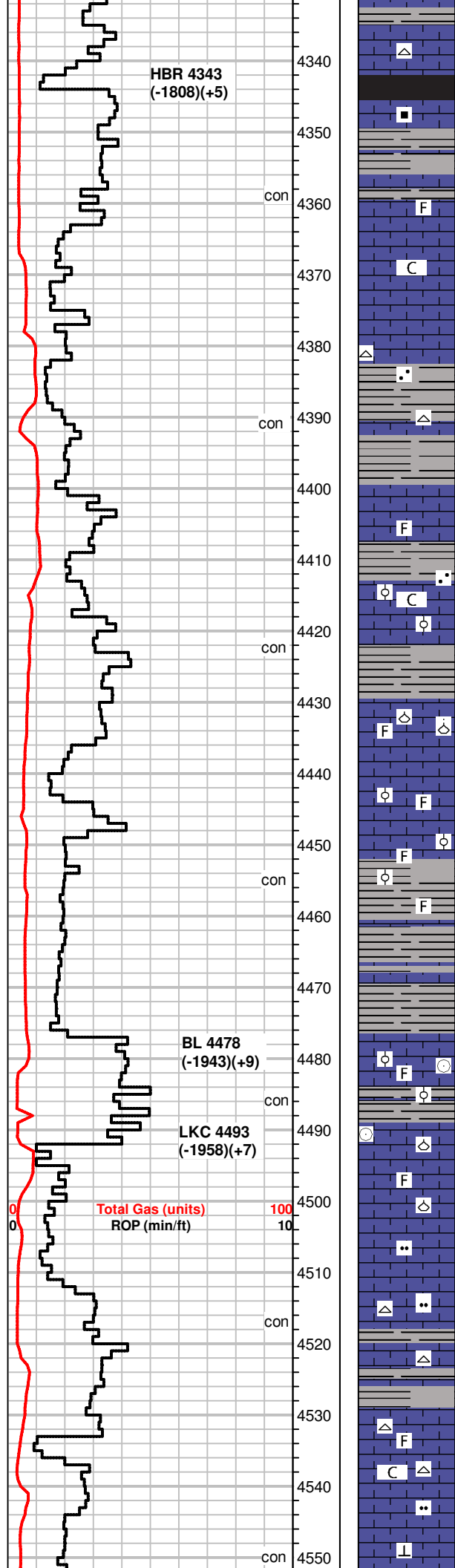
WS-PS, A.A. some pcs with white Chert xtals in calcareous matrix, NS, inc. in gray SH

MS-WS, tan to crm, f-xln, firm to sli dense, mottled pcs rare, silty in part, scatt heavy minerals, no vis por. NS influx SH, red

MS-WS, crm to lt. gray, fn gr particles in dolomitic matrix, firm to soft, fossilif, int-xln por., dead wormy stn on 1 pc., Chert, white some SH, gray

Influx SH, black, dk. brn, carbonaceous, pyrite specs

MS, off white, vf-gr gritty txt, some pcs chalky, fossilif in part. Chert, gray, fossilif.



MS, off white to tan, f-xln to dense, sli. marbled looking, firm to hard, some white Chert xtals in MS matrix., scatt SH, blk, A.A.

SH, blk, dk. gray, carbonaceous, some gas bubbles.

MS-WS, crm to gray, f-xln to mic-xln, hard, dense, scatt fossils, no vis por., NS

con 4360

MS-WS, crm to off white, some lt gry and tan, chalky, soft to firm, some mottled pcs-rare, NS
SH, blk A.A., new pcs green & red, sandy

4380

WS-PS, tan to crm, some lt. gray, f-xln, hard, dense, gritty txt in part, sli, chalky pcs, scatt dull fluor., NS
Chert, white

con 4390

SH, blk, gray

4400

MS-WS, A.A, some mottled pcs, black ooids, m-gr in a chalky matrix, scatt fossils(fusulinids, ooids), NS

con 4420

scatt blk/gray/green SH

4430

MS-WS, crm to off white, some tan and gray, firm to hard, dense pcs common throughout, some oolitic, m-gr, fossilif(brachs), SH, gray, green, fossil casts/molds

4440

WS-PS, gray to crm, mottled pcs, marby appearance, chalk matrix in part, fossilif. oolitic, scatt heavy minerals, NS

con 4460

SH, green, gray, some red

4470

SH, green to gray, decreasing amount

4480

MS-WS, crm to tan, scatt brn, hard, dense, mottled pcs scatt., some mic-xln, fossilif(cronoids, ooids, fusulinids), NS

con 4490

MS-WS, crm to lt gray, off white, chalky matrix, gritty txt in scatt pcs, soft to firm, scatt fossils(brachs), pp por.

4500

Total Gas (units)
ROP (min/ft)

4510

MS, off white to gray, rare brn, crip-xln to mic-xln txt, dense, rare gritty txt in pcs, firm, Chert, white
SH, gray, dk. gray

con 4520

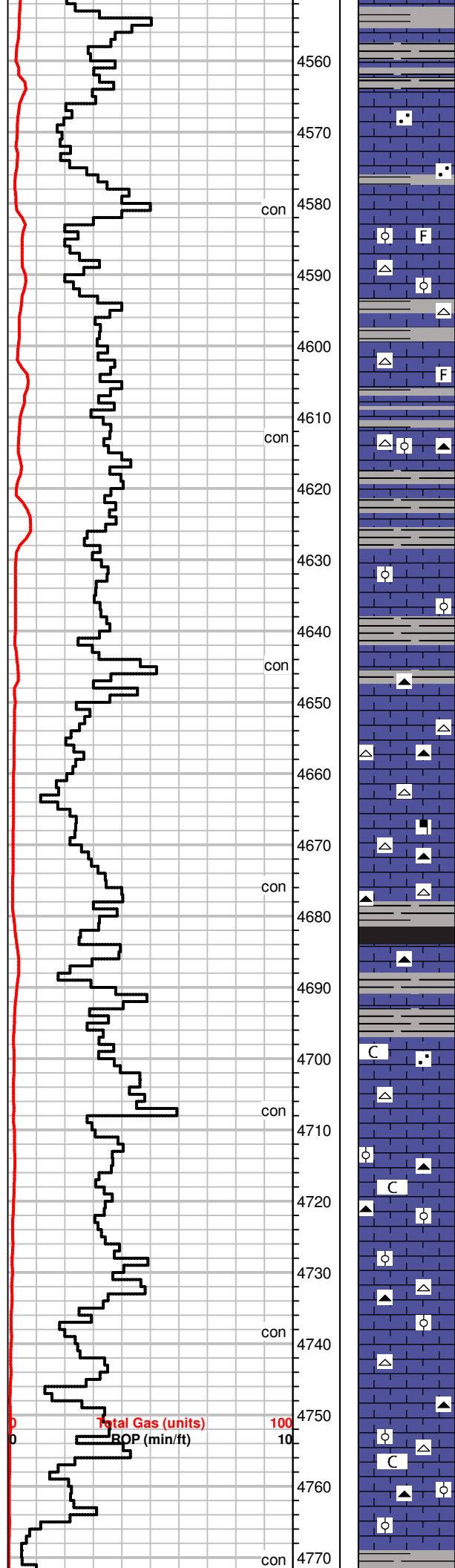
4530

MS-WS, A.A., some pcs oolitic in part, dark m-gr ooids, chalky pcs scatt, pyrite, moldic por., Chert, white, brn, fossilif.

4540

con 4550

MS, crm to tan, lt. brn, dense, mic-xln to gritty txt, chalky matrix in some pcs, soft, rare calcite on edge in scatt pcs, dull fluor. NS



SH, gray, dk. gray, rare blk

MS-WS, crm to lt. tan, gray, A.A., sandy, most firm to hard, rare dense, NS

MS-WS, crm to off white, tan to brn in part, mostly chalky pcs, some with chalky mtrx and gritty sandy txt, tan&brn pcs hard, dense, silty, rare fossils, NS
Chert, white

MS, crm to brn, decrease in off white pcs, dense, rare glauc, fossilif, NS
Chert, white, tan
SH, gray, green

MS, A.A

MS, A.A., inc in crm pcs, firm, some dense pcs, scatt mottled pcs, f to m-gr dark (brn to blk) ooids, fossilif, NS

MS-WS, brn to gray, some crm A.A, m-xln, firm to hard, dense, scatt f-gr oolitic pcs, Chert, white, tan, fossilif.
Ch, brn, dk. gray, gray, striated, sandy green pcs

MS, crm to lt. tan, earthy txt, chalky matrix, calcite inclusions, dense, dead wormy stn (1pc), rare dark minerals(magnetite)
Chert, white, tan, blk, fossilif

SH, gray, dk. gray, rare blk

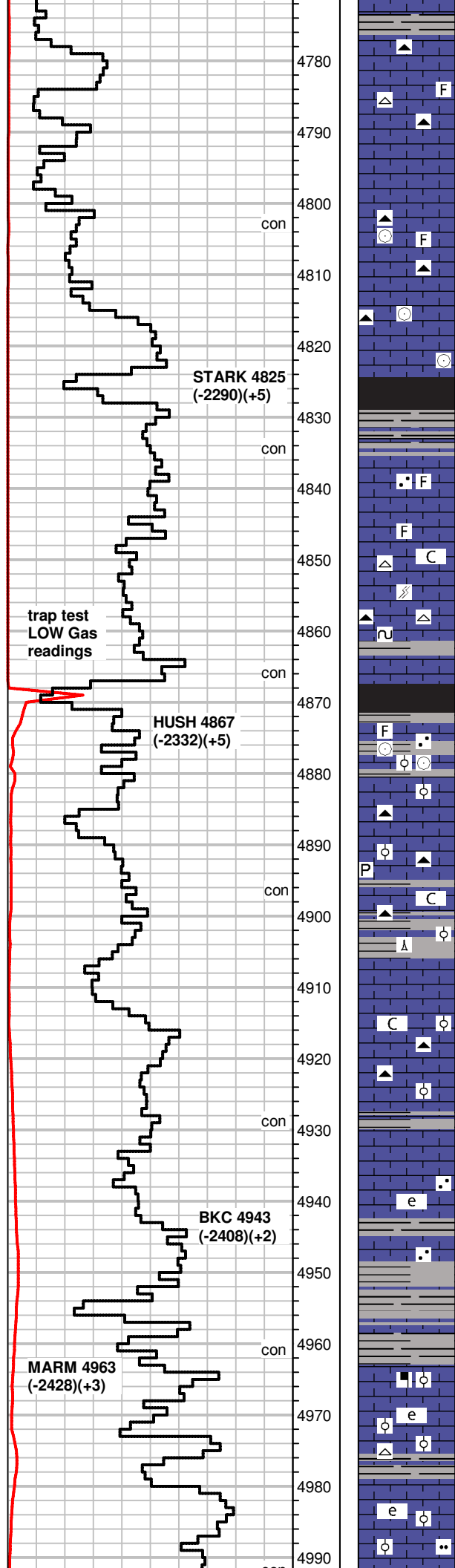
SH, dk. gray, rare blk, sli. sandy
MS-WS, crm to lt. gray, tan, f-xln, dense, mostly hard, sandy in part, rare chalky pcs, faint edge stn in dry
Chert, white, tan, fossilif., spicules

MS, off white to crm, earthy txt, soft, partly chalky, rare PS, off white, mic-xln, oolitic, m-gr, hard, NS, Chert, gray
scatt. SH, gray

MS-WS, A.A., influx crm to brn pcs, f-xln, hard, sub oolitic, scatt fossils, Chert, gray, milky white, fossilif., some pcs cherty on edge of MS
SH, gray, blk, yellow(cavings?)

some SH, gray
MS-WS, crm, f-xln, earthy in part, vitreous luster, some glauc, sub oolitic to fossilif pcs, partly chalky txt, scatt mottled pcs, NS
Chert, tan, brn

MS-WS, rare PS, crm to lt. tan, chalky pcs common, some oolitic, f to m-gr mottled tan pcs, tite, dense to soft in chalky pcs, calcite frgmts, scatt fossils, pyrite, moldic por. NS



SH, gray, dk. gray pyrite, striated

MS, crm to brn, scatt PS, f to m-xln, dense pcs rare, most soft, friable, sub oolitic to oolitic, dark m-gr ooids, some fossils, moldic por., NS, Chert, gray, tan

MS-WS, rare PS, crm to off white, mic-xln, scatt f-xln, hard, fossilif (crinoids), sub oolitic in part, Chert, gray, white, fossilif, int-xln por., very faint dead edge stn in dry

MS-WS, A.A.

SH, blk, gray, rare crinoid fossil replacement

MS, crm, f-xln, firm, gritty txt, calcite xtals, rare fossils, dull fluor, NS
SH, gray

MS, off white to lt. gray, gritty txt, soft to firm, fractured?, chalky in part, rare glauc. scatt pp por.
Chert, white, smoky gray, fossils

SH, blk, dk. gray, fresh

MS-WS, gray to brn, mic to f-xln, hard to firm, mottled pcs, sub oolitic, scatt dark ringed m-gr ooids, fossilif (crinoids), rare moldic por.

MS, brn to crm, earthy to gritty txt in majority of pcs, some f-xln, dense, fossilif., pyrite, scatt chalky pcs
Chert, gray, spicules
some SH, rare blk, dk. gray

MS, crm to gray, some brn, A.A., chalky to silty, soft to firm, sub oolitic, rare fossils, NS
Chert, brn, smoky gray
scatt SH, dk gray, brn

SH, gray, green, brn, silty to waxy

MS, lt. gray to of white, sub oolitic, hard, fractures readily, pp por., Chert, white

SH, gray, blk,

MS, gray to crm, m to f-xln, hard to firm, chalky in part, NS

Dec in SH, gray, dk. gray
MS, crm to gray, earthy to f-xln, A.A., mottled pcs scatt, dark minerals, dull fluor, NS

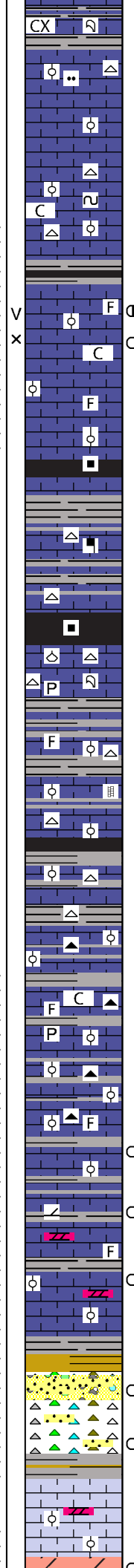
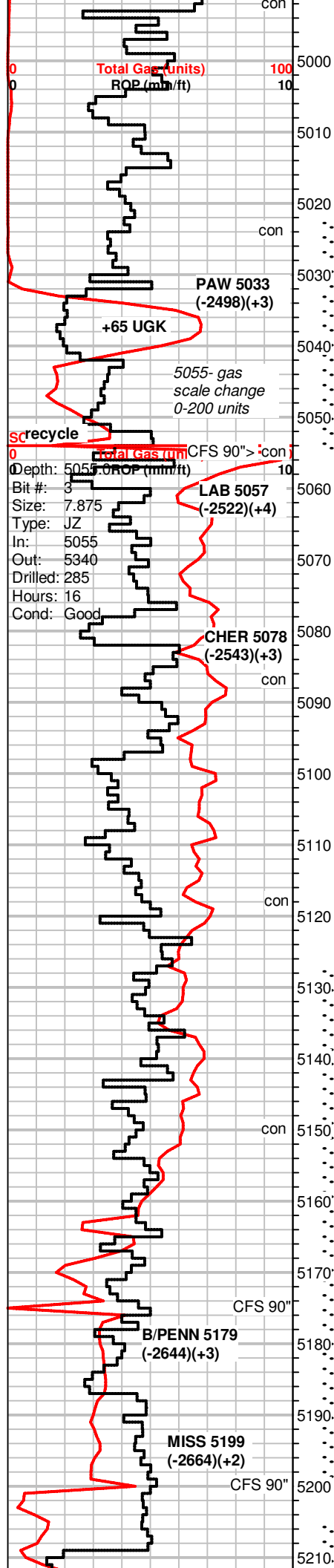
MS, crm to off white, chalky to f-xln, firm to hard, some pcs silty, rare m-gr dark ooids in matrix
rare Chert, white.

SH, green gray, rare blk

MS-WS, crm to off white, massive to earthy txt, scatt pcs dense, some oolitic, m-gr, friable, some pcs silty,

MS, off white to scatt brn, crm-xln, dense, hard, calcite inclusions

DST #1 5022-5055
Pawnee
30-60-60-90
SB BOB/8"
NBB
SB BOB/30sec
WBB built to 4 inches,
surf BB in 16 minutes
GTS in 45", TSTM
GIP
Rec: 40' GMCO
(15g,70o,15m)
60' GOCMW
(53g,37o,4m,6w)
60' GOMW(60g,3o,4m,6w)
60' GOMW
(50g,35o,5m,10w)
60' GOMCW



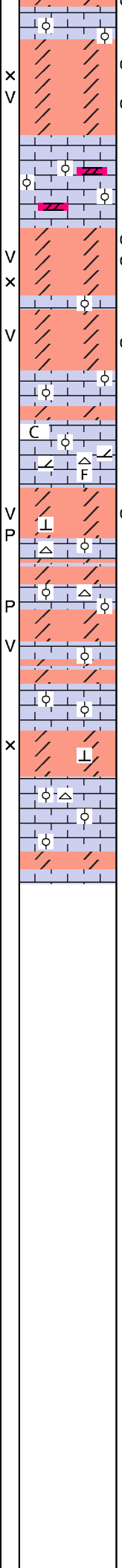
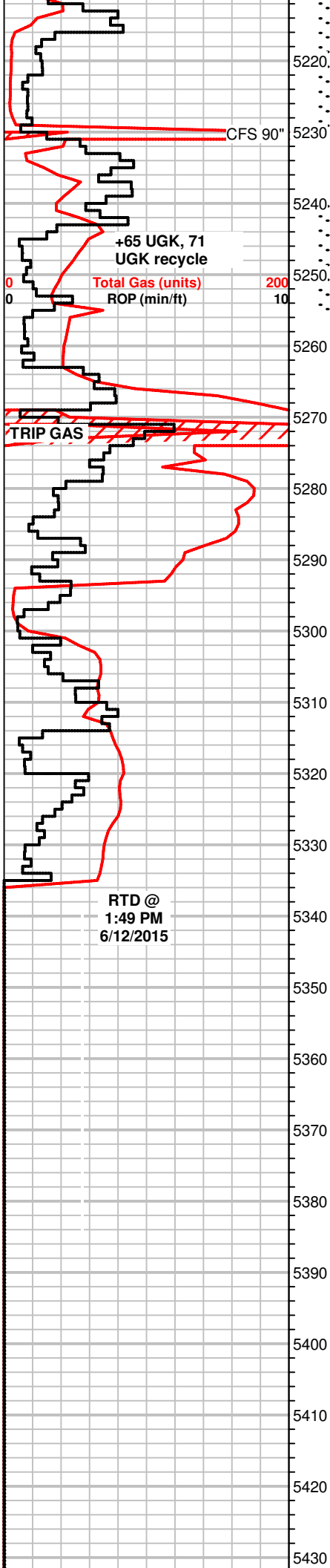
MS, cr to white to scatt brn, crip-xln, dense, hard, calcite inclusions, fossilif (coral), rare chalky pcs, dull fluor, NS
SH, gray
MS, crm to lt. tan, mic to f-xln, dense, hard, A.A., rare gritty pcs, scatt sub oolitic
MS, lt. gray to off white, hard, sub oolitic, fractures readily, Chert, white
scatt. SH, gray, green
MS-WS, crm to off white, some tan, hard, most pcs dense, vitreous to silky luster, glauc specs, some chalky pcs, sub oolitic, bright fluor in scatt pcs, 1 pc cut
Chert, white, smoky
SH, rare blk, gray
WS-PS, crm to off white, soft, chalky pcs common, fossilif to oolitic, m-gr ooids, friable, rare bright fluor, few pcs slow milky cut, good odor in bag, no free oil, vuggy and int-xln por.
MS-WS, crm to tan, f-xln, fossils, lesser oolitic pcs, good odor, few pcs w/ bright fluor, few pcs inst. cut, streaming, some residual ring cut.
SH, blk, carb., gray, green
MS, crm to gray, f-xln gritty txt, some massive txt (crip-xln), scatt heavy minerals, rare fossils, pp por.
Chert, white, smoky
SH, blk, dk. gray
MS, crm to off white, chalky to f-xln, some pcs dense, fossilif (brachs, coral), some pyrite, light edge stn in dry, Chert, tan, opaque
SH, gray, blk
MS, gray, crm, f to m-xln, dense, sub oolitic in part, rare fossils, rare bright fluor, no cut, NS, Chert, white, fossilif.
MS, crm to gray, mic to f-xln, dense, hard, calcite veins, rare bright fluor, no cut, NS, Chert, white, tan, rare fossils.
SH, blk, dk. grays, striated, pyrite
MS-WS, crm to gray A.A., rare chalky pcs, scatt fossils, rare sub oolitic, dull fluor, NS, Chert, white
SH, gray
MS-WS, crm to brn, mic-xln, dense, sub oolitic, rare glauc, NS, Chert, white, tan, gray
scatt SH, gray
MS, crm to tan, f-xln to earthy txt, dense pcs common, scatt chalky, fossilif, brittle, dull fluor, NS, Chert, gray
SH, blk, gray, pyrite, fossil casts
MS-WS, gray to crm, tan, f-xln, dense, fossilif, shaly in part, suboolitic, dark, m-gr ooids. Chert, tan, smoky gray
some SH, gray blk
WS, crm, brn, lt. gray, f-xln, waxy, sub oolitic, fossilif pcs, most hard, dense, brittle, rare bright fluor, 2pcs streaming cut when broken, no odor
MS-WS, crm to off white, tan, f-xln, firm to hard, brittle, fossilif, tite matrix, some pcs dolomitic, rare bright fluor, inst cut few pcs, no odor
SH, blk, gray, green
MS-WS, crm to brn, f to m-xln, dense, sub oolitic, rare bright fluor in tray, most dull mineral fluor, 1 pc inst cut, no odor in bag
60min-Inc in crm pcs, no new shows
SH, dk. gray, sea green, influx Chert, varicolored, fossilif, some in calcareous cement, carrying MS, A.A.
SH, sea green, gray, yellow, some silty to sandy
Chert, varicolored, orange, yellow, white, gray, red-orange, fossilif
5200-30min-SS clusters, gray, fn-gr, well sorted, rounded, firm to hard, very faint fluor, streaming cut when broken, tite. Chert-rare pcs with oil stn, spotty bright fluor, slow cut, 60min- Chert, A.A., SS, A.A, **rare co. qtz grns**,
WS-PS, off white to crm, f-xln, dense, hard, fossilif, oolitic, m-gr, NS

(50g, 15o, 10m, 25w)
IH 2415#
IF 29-65# ISIP 1067#
FF 59-116# FSIP 1072#
FH 2372#
113°F
CI 48000 ppm

+3 UGK shale gas
+65 UGK, 35 unit recycle

DST #2 5127-5200
Penn Lime-Cong
30-60-45-90
WB surf to 1.75"
NBB
FB blt to SB, BOB 20min
NBB
Rec: 5' Mud
IH 2622#
IF 39-43# ISIP 265#
FF 44-37# FSIP 681#
FH 2731#
Temp 114°F

35 UGK, w/ 20 unit
recycles



rare Dolo, lt. gray to brn, sugary txt, firm, faint odor, dull fluor, no cut, scatt WS-PS A.A.

Dolo, lt. gray to brn, f-suc txt, some pcs sandy, inc sandy pcs-90" smpl, soft, **good odor in bag, bright fluor scatt in tray, good stn on most pcs, oil saturated pore spaces, streaming cut, free oil in tray, vuggy and int-xln por.**

WS-PS, crm to off white, scatt brn, hard, dense pcs, some fracture/brittle, oolitic to sub oolitic, sli. dolomitic, dull fluor, NS Chert, white, gray, fossilif.

Dolo, brn to lt. gray, most pcs f-suc txt, f to m-xln, firm, **spotty stn most pcs, good saturation in scatt pcs, free oil in tray, good odor in bag, less odor in 60min. sample, bright fluor to mineral fluor, inst cut majority of select pcs, vuggy to int-xln por.**

Dolo, brn, m-xln, scatt f-xln, co-gr sugary txt, some pcs hard, most friable, scatt bright fluor, spotty stn, inst cut, fair odor in bag

WS-PS, crm to off white, some pcs brn to tan, f-xln, dense to firm, chalky pcs scatt., oolitic, brn ooids in crm matrix, fossilif, Chert, white, fossilif in part, Scatt dolomitic pcs, dull fluor, NS

Dolo, lt. brn to crm, m-xln, to f-xln, firm, scatt limy pcs, dull fluor, rare bright fluor, rare spotty stn slow milky cut, few pcs, vuggy to int-xln por.

WS-PS, crm to brn, some pcs brn ooids in crm matrix, m-gr oolitic, f-xln, some micro oolitic, rare glauc, Chert, white, blocky
Dolo, brn to tan, scatt gray, f-xln, some m-xln, sandy pcs, calcareous, firm to hard, dull fluor, spotty stn dry, mostly barren

Dolo, gray to brn, vf-xln, f-suc txt, brittle, dull fluor to rare bright mineral fluor, NS

MS-WS, crm to brn, off white, f-xln, massive txt, oolitic pcs A.A., dull fluor, NS

Dolo, brn, brn to gray, scatt pcs striated, limy in part, m-xln, firm to hard, tite matrix, dull fluor, barren dry, NS

MS-WS, off white to crm, oolitic to micro oolitic pcs, dense, scatt Chert, white

Dolo, crm to brn, vf-suc txt, firm, dull fluor, NS
MS-WS, scatt PS, crm to brn, f-xln, dense, oolitic, fossilif (brachs, crinoids)

**Gas not lagging correctly?
106 UGK at 50 minutes of circulating**

DST #3 5205-5230
Miss
30-60-60-120
SB BOB/30sec GTS/5min
1st open GA on .75 inch choke
771 MCF/10"
880 MCF/20"
959 MCF/30"
20" to bleed off
2nd open GA on .75 inch choke
1068 MCF/10"
1084 MCF/20"
1091 MCF/30"
1107 MCF/40"
1115 MCF/50"
1138 MCF/60"
WB BB, surf to 2.5 inch after 50 min
5024' GIP
Rec: 60' GOCM (10g,40o,50m)
60' GOCM (15g,50o,35m)
60' WMGCO (38g,42o,17m,3w)
IH 2538#
IF 133-215# ISIP 1450#
FF 200-229# FSIP 1445#
FHIP 2550#
Temp 108°F

DST #4 5239-5255
Miss
SB BOB/2min
NB GTS/7min, bled off in 13 min
SB BOB/GTS/immed
GA 1/8 inch choke
8.4 MCF/10"
10.3 MCF/20"
12.5 MCF/30"
14.7 MCF/40"
16.6 MCF/50"
18.9 MCF/60"
5239' GIP
Rec: 138' CO (38.5 API)
64' MGO (30g,60o,10m)
120' OMG (45g,15o,40m)
60' OCMG (48g,12o,40m)
IH 2672#
IF 28-75# ISIP 1486#
FF 61-175# FSIP 1480#
FH 2460#
Temp 117°F

RTD @
1:49 PM
6/12/2015

