Confidentiality Requested:
☑ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1212644

Form ACO-1
August 2013
Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 5004
Name: Vincent Oil Corporation
Address 1: 155 N MARKET STE 700
Address 2:
City: WICHITA State: KS Zip: 67202 + 1821
Contact Person: M.L. Korphage
Phone: (316) 262-3573
CONTRACTOR: License # 5929
Name: Duke Drilling Co., Inc.
Wellsite Geologist: Tom Dudgeon
Purchaser: MV Purchasing LLC

Designate Type of Completion:

☑ New Well ☐ Re-Entry ☐ Workover

☑ Oil ☐ WSW ☐ SWD ☐ SIOW
☐ Gas ☐ D&A ☐ ENHR ☐ SIGW
☐ OG ☐ GSW ☐ Temp. Abd.
☐ CM *(Coal Bed Methane)*
☐ Cathodic ☐ Other *(Core, Expl., etc.)*:

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

Operator:
Well Name:
Original Comp. Date: Original Total Depth:

☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer

☐ Commingled Permit #:
☐ Dual Completion Permit #:
☐ SWD Permit #:
☐ ENHR Permit #:
☐ GSW Permit #:

3/4/2014	3/15/2014	4/7/2014
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-057-20926-00-00
Spot Description:
NE - NE - NW - NW Sec. 32 Twp. 29 S. R. 24 ☐ East ☑ West
123 Feet from ☑ North / ☐ South Line of Section
1180 Feet from ☐ East / ☑ West Line of Section

Footages Calculated from Nearest Outside Section Corner:
☐ NE ☑ NW ☐ SE ☐ SW

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

Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84

County: Ford
Lease Name: Marfam Well #: 1-32
Field Name: Fager East
Producing Formation: Mississippian
Elevation: Ground: 2571 Kelly Bushing: 2583
Total Vertical Depth: 5466 Plug Back Total Depth: 5451
Amount of Surface Pipe Set and Cemented at: 650 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: 23000 ppm Fluid volume: 800 bbls
Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:

Operator Name: Edison Operating Co LLC
Lease Name: Williams #9-15 SWDW License #: 34434
Quarter SE Sec. 9 Twp. 29 S. R. 22 ☐ East ☑ West
County: Ford Permit #: D31354

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: 07/01/2014
☑ **Confidential Release Date:** 06/30/2016
☑ **Wireline Log Received**
☑ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** NAOMI JAMES **Date:** 07/07/2014

[redacted] 1212644

Operator Name: Vincent Oil Corporation Lease Name: Marfam Well #: 1-32

Sec. 32 Twp. 29 S. R. 24 ☐ East ☑ West County: Ford

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 ☑ Yes ☐ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

List All E. Logs Run:
Attached

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Attached	Attached	Attached

CASING RECORD ☑ New ☐ 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
Surface Casing	12.25	8.6250	23	650	MDC & Common	250	0-4% Gel, 3% CC & 1/4# Flo-seal/sx
Production Casing	7.8750	4.5	11.6	5451	ASC	175	5# Kol-seal/sx

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate ___ Protect Casing ___ Plug Back TD ___ Plug Off Zone	-			
	-			

Did you perform a hydraulic fracturing treatment on this well? ☐ Yes ☑ No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☐ No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? ☐ Yes ☐ No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record *(Amount and Kind of Material Used)*	Depth
Attached	Attached	Attached	Attached

TUBING RECORD: Size: 2.3750 Set At: 5353 Packer At:

Liner Run: ☐ Yes ☑ No

Date of First, Resumed Production, SWD or ENHR. 4/7/2014

Producing Method: ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
	105				2			

DISPOSITION OF GAS:
☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*
☐ Other *(Specify)* _____

PRODUCTION INTERVAL:
_____
_____

Form	ACO1 - Well Completion
Operator	Vincent Oil Corporation
Well Name	Marfam 1-32
Doc ID	1212644

All Electric Logs Run

Dual Induction
Density - Neutron
Micro-log
Sonic

Form	ACO1 - Well Completion
Operator	Vincent Oil Corporation
Well Name	Marfam 1-32
Doc ID	1212644

Tops

Name	Top	Datum
Heebner Shale	4396	(-1815)
Brown Limestone	4528	(-1947)
Lansing	4539	(-1958)
Stark Shale	4895	(-2314)
Pawnee	5126	(-2545)
Cherokee Shale	5175	(-2594)
Base Penn Limestone	5288	(-2707)
Mississippian	5347	(-2766)

Form	ACO1 - Well Completion
Operator	Vincent Oil Corporation
Well Name	Marfam 1-32
Doc ID	1212644

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
4	Perf 5353' to 5358' w/ 4 SPF	ran tubing to perfs, Acidized w/ 750 gal (15%) MCA	
		ran swab, swab 1 hr rec 23 BW, SDFn	
		FL at 1800', swab 23 BW & 80' Free oil, WKO	
		Flow avg of 14 bbl/hr (95% Oil), SDFN;	
		SICP 680#, SITP 280#; Open tubing , flow 1hr, died rec 7 bbl (99% Oil);	
		Ran BHP & Rods, set surface equip, IP 105 BOPD & 2 BW	

Form	ACO1 - Well Completion
Operator	Vincent Oil Corporation
Well Name	Marfam 1-32
Doc ID	1212644

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface Casing	12.25	8.6250	23	650	MDC & Common	250	0-4% Gel, 3% CC & 1/4# Flo-seal/sx
Production Casing	7.8750	4.5	11.6	5451	ASC	175	5# Kol-seal/sx

QUALITY WELL SERVICE, INC.

6114

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 3 5 14	Sec. 32	Twp. 29	Range 21	County Ford	State K	On Location 6AM	Finish 9:30 AM
Lease MARFAM	Well No. 1-32		Location				

Contractor Duke 1		Owner
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 12¼	T.D. 674'	
Csg. 8⅝	Depth 651'	Charge To Vincent oil
Tbg. Size	Depth	Street
Tool	Depth	City State
Cement Left in Csg.	Shoe Joint	The above was done to satisfaction and supervision of owner agent or contractor.
Meas Line	Displace 38.7	Cement Amount Ordered 125 SX MDC

EQUIPMENT			
Pumptrk 6	No.		
Bulktrk 1	No.		
Bulktrk 10	No.		
Pickup	No.		

JOB SERVICES & REMARKS	
Rat Hole	
Mouse Hole	
Centralizers	
Baskets	
D/V or Port Collar	
15	
Cement did circulate to Sulace	
X Signature Mike Kelly	

Common 125sx	
Common 125	
Poz. Mix MDC 125	
Gel. 11	
Calcium 10	
Hulls	
Salt	
Flowseal 66	
Kol-Seal	
Mud CLR 48	
CFL-117 or CD110 CAF 38	
Sand	
Handling	
Mileage	
FLOAT EQUIPMENT	
Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	
8⅝ Baffle Plate	
8⅝ Wooden Plug	
Pumptrk Charge	
Mileage 2	
Tax	
Discount	
Total Charge	

Taylor Printing, Inc.

ALLIED OIL & GAS SERVICES, LLC 062320

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:
Medicine Lodge KS

DATE 3-15-14	SEC. 32	TWP. 29S	RANGE 24W	CALLED OUT	ON LOCATION	JOB START	JOB FINISH 4:15P
LEASE MARFAM	WELL # 1-32		LOCATION Bloom KS N on Yucca Rd			COUNTY Ford	STATE KS
OLD OR (NEW) (Circle one)			3.5W S into				

CONTRACTOR Duke 1
TYPE OF JOB Production
HOLE SIZE 7 7/8 T.D. 5466
CASING SIZE 4 1/2 DEPTH 5451
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT 19.52
CEMENT LEFT IN CSG. 19.52'
PERFS.
DISPLACEMENT 84 1/2

OWNER Vincent Oil & Gas

EQUIPMENT

PUMP TRUCK CEMENTER Jake Heard
548/545 HELPER Justin Bower
BULK TRUCK
381/252 DRIVER Doug TWS
BULK TRUCK
DRIVER

REMARKS:

Pipe on Bottom / Break Circ w/Rig Pump / Drop Ball / Circ 1 hr / Rig up / Safety Meeting / Pressure test / Pump Spacer Mix + Pump Rat hole / Mix + Pump Mouse Hole / Swap to Down hole Mix + Pump Cmt / Stop / Swap Valves / Wash pump + lines to pit / Displace / Float held / release pressure / WASH up

CHARGE TO: Vincent Oil & Gas
STREET
CITY STATE ZIP

4 1/2

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

PRINTED NAME X Pat Livingston
SIGNATURE X Pat Livingston

2890

CEMENT

AMOUNT ORDERED 50sx 60:40: 4% Gel / 175sx Class A ASC + 5# Kolseal/sk + 1/2% FL-160 + Gas Block

COMMON A	30 sx	@ 17.90	537.00
POZMIX	20 sx	@ 9.35	187.00
GEL		@	
CHLORIDE		@	
ASC	175 sx	@ 20.90	3657.50
Kolseal	875#	@ .98	857.50
FL-160	82#	@ 18.90	1549.80
Gas Block	25#	@ 18.00	450.00
MSF	12 Bbls	@ 58.70	704.40
KCL	9 Gals	@ 34.40	309.60
		@	
		@	
		@	
HANDLING	286.81	@ 2.48	711.28
MILEAGE	17.04/50/2.60		2345.20
		TOTAL	13309.28

SERVICE

DEPTH OF JOB	5451		
PUMP TRUCK CHARGE			3099.25
EXTRA FOOTAGE		@	
MILEAGE	50	@ 7.70	385.00
MANIFOLD	4 1/2	@	275.00
LV	50	@ 4.40	220.00
		@	
		TOTAL	3979.25

PLUG & FLOAT EQUIPMENT

1 Guide Shoe		@	225.00
1 AFU insert		@	325.00
6 Centralizers		@ 57.00	342.00
1 TRP		@	83.00
		@	
		TOTAL	975.00

SALES TAX (If Any)
TOTAL CHARGES 16263.53
DISCOUNT IF PAID IN 30 DAYS
NET 11,952.74

DRILL STEM TEST REPORT

Vincent Oil Corporation

155 N. Market Suite 700
Wichita, Ks. 67202

ATTN: Tom Dugeon

32-29s-24w Ford co.

Marfam 1-32

Job Ticket: 51940 **DST#: 1**

Test Start: 2014.03.12 @ 07:51:01

GENERAL INFORMATION:

Formation: **Morrow**
Deviated: No Whipstock: 0.00 ft (KB)
Time Tool Opened: 11:41:46
Time Test Ended: 16:49:01

Test Type: Conventional Bottom Hole (Initial)
Tester: Matt Smith
Unit No: 53

Interval: 5262.00 ft (KB) To 5308.00 ft (KB) (TVD)
Total Depth: 5308.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

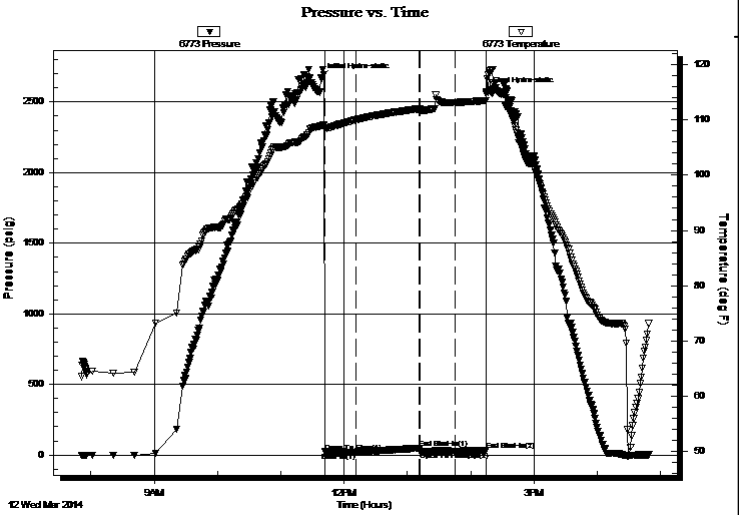
Reference Elevations: 2581.00 ft (KB)
2569.00 ft (CF)
KB to GR/CF: 12.00 ft

Serial #: 6773 **Outside**

Press@RunDepth: 27.34 psig @ 5263.00 ft (KB)
Start Date: 2014.03.12 End Date: 2014.03.12
Start Time: 07:51:06 End Time: 16:49:01

Capacity: 8000.00 psig
Last Calib.: 2014.03.12
Time On Btm: 2014.03.12 @ 11:37:46
Time Off Btm: 2014.03.12 @ 14:14:46

TEST COMMENT: IF: Weak blow . Surf., - 1 1/4".
ISI: No blow .
FF: No blow . Flushed. Weak surf., blow . Dead shut in tool.
FSI: No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2673.54	108.95	Initial Hydro-static
4	22.98	108.59	Open To Flow (1)
34	21.45	110.05	Shut-In(1)
94	48.96	112.05	End Shut-In(1)
95	25.58	112.03	Open To Flow (2)
127	27.34	113.18	Shut-In(2)
157	33.82	113.53	End Shut-In(2)
157	2574.60	114.78	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	Drilg mud 100%m	0.28

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Vincent Oil Corporation

155 N. Market Suite 700
Wichita, Ks. 67202

ATTN: Tom Dugeon

32-29s-24w Ford co.

Marfam 1-32

Job Ticket: 51940 **DST#: 1**

Test Start: 2014.03.12 @ 07:51:01

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:	48.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	10.39 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	7000.00 ppm				
Filter Cake:	0.20 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	Drilg mud 100%m	0.281

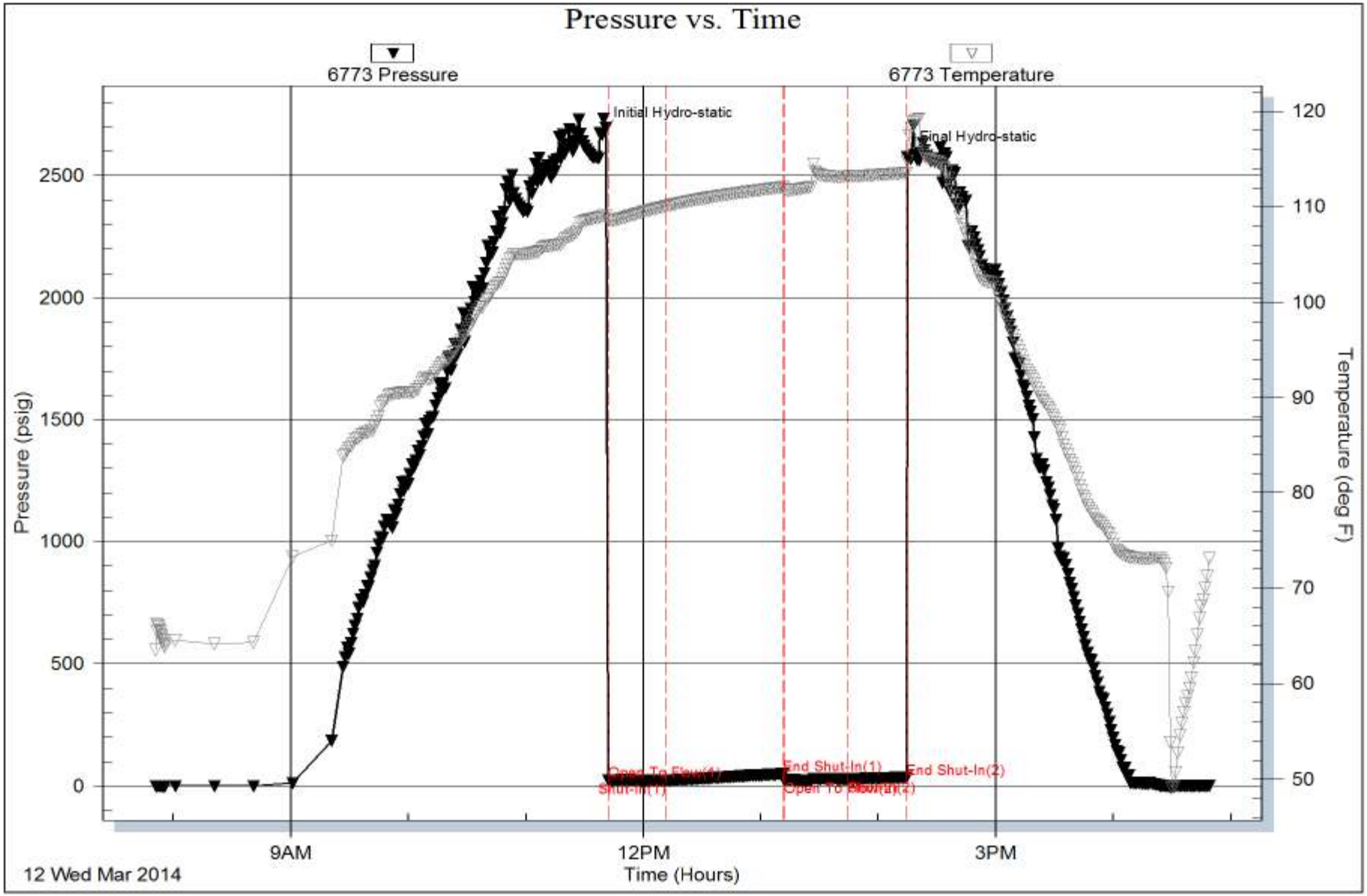
Total Length: 20.00 ft Total Volume: 0.281 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: none

Laboratory Name: Laboratory Location:

Recovery Comments:

Serial #: 6773 **Outside** Vincent Oil Corporation Marfam 1-32 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 51940 Printed: 2014.03.12 @ 18:05:06

DRILL STEM TEST REPORT

Vincent Oil Corporation

155 N. Market Suite 700
Wichita, Ks. 67202

ATTN: Tom Dugeon

32-29s-24w Ford co.

Marfam 1-32

Job Ticket: 51941 **DST#: 2**

Test Start: 2014.03.13 @ 06:27:14

GENERAL INFORMATION:

Formation: **Mississippi**
Deviated: No Whipstock: 0.00 ft (KB)
Time Tool Opened: 10:04:29
Time Test Ended: 21:00:29

Test Type: Conventional Bottom Hole (Reset)
Tester: Matt Smith
Unit No: 53

Interval: 5274.00 ft (KB) To 5362.00 ft (KB) (TVD)
Total Depth: 5362.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

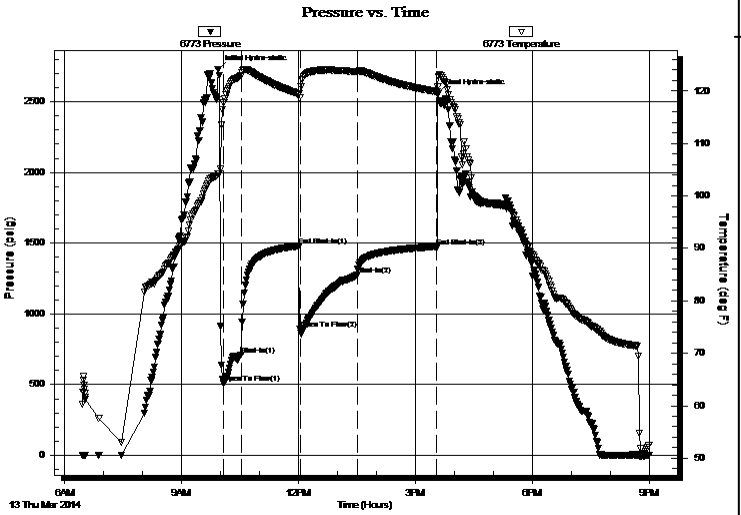
Reference Elevations: 2581.00 ft (KB)
2569.00 ft (CF)
KB to GR/CF: 12.00 ft

Serial #: 6773 **Outside**

Press@RunDepth: 1276.71 psig @ 5275.00 ft (KB)
Start Date: 2014.03.13 End Date: 2014.03.13
Start Time: 06:27:19 End Time: 21:00:29

Capacity: 8000.00 psig
Last Calib.: 2014.03.13
Time On Btm: 2014.03.13 @ 09:55:59
Time Off Btm: 2014.03.13 @ 15:34:29

TEST COMMENT: IF: Strong blow . B.O.B. in 30 secs. GTS in 17 mins. Gauged gas see gas report.
ISI: Strong blow . Bleed off through 1" choke never died off.
FF: Strong blow . B.O.B. in 1 min. GTS immediately. Gauged gas see gas report.
FSI: Strong blow . Bleeding off through 1" choke. Surface blow at end of shut in.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2728.61	104.22	Initial Hydro-static
9	508.18	117.72	Open To Flow (1)
36	709.73	122.95	Shut-In(1)
125	1481.65	119.42	End Shut-In(1)
126	891.44	118.77	Open To Flow (2)
215	1276.71	123.69	Shut-In(2)
336	1476.93	119.91	End Shut-In(2)
339	2559.03	120.78	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	GOCM 20%g 24%m 53%o 3% form., sar	0.84
120.00	GOWCM 10%w 15%g 25%o 40%m 10%	1.68 n., sa
3825.00	Clear oil 100%o	53.65
	1260 GIP 100%g	

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	1.00	20.00	988.96
Last Gas Rate	0.25	11.00	40.30
Max. Gas Rate	1.00	25.00	1132.70

DRILL STEM TEST REPORT

FLUID SUMMARY

Vincent Oil Corporation

155 N. Market Suite 700
Wichita, Ks. 67202

ATTN: Tom Dugeon

32-29s-24w Ford co.

Marfam 1-32

Job Ticket: 51941 **DST#: 2**

Test Start: 2014.03.13 @ 06:27:14

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	deg API
Mud Weight:	10.00 lb/gal	Cushion Length:	ft	Water Salinity:	8000 ppm
Viscosity:	58.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	9.99 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	8000.00 ppm				
Filter Cake:	0.20 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	GOCM 20%g 24%m 53%o 3% form., sand	0.842
120.00	GOWCM 10%w 15%g 25%o 40%m 10% forı	1.683
3825.00	Clear oil 100%o	53.655
	1260 GIP 100%g	

Total Length: 4005.00 ft Total Volume: 56.180 bbl

Num Fluid Samples: 2 Num Gas Bombs: 2 Serial #: Pratt Matt

Laboratory Name: Caraw ay Laboratory Location: Liberal, KS

Recovery Comments: Gas samples w ere taken. and not enough w ater w as in tubes to check. and formation sand w as in grind out tubes and shut in tool.

DRILL STEM TEST REPORT

GAS RATES

Vincent Oil Corporation

155 N. Market Suite 700
Wichita, Ks. 67202

ATTN: Tom Dugeon

32-29s-24w Ford co.

Marfam 1-32

Job Ticket: 51941 **DST#: 2**

Test Start: 2014.03.13 @ 06:27:14

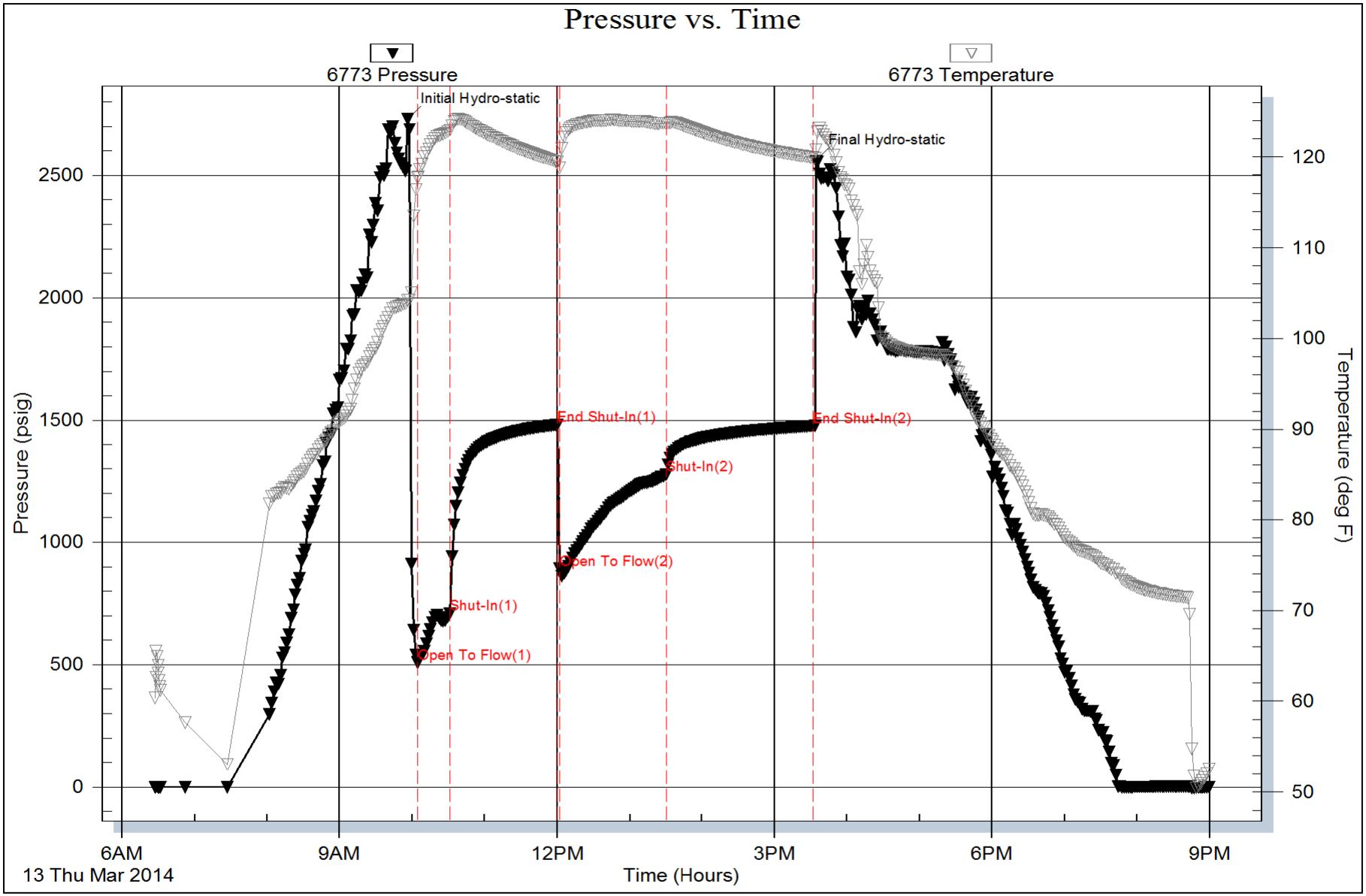
Gas Rates Information

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	20	1.00	20.00	988.96
1	30	1.00	25.00	1132.70
2	10	0.50	2.00	110.63
2	20	0.50	2.00	110.63
2	30	0.25	5.00	30.78
2	40	0.25	6.50	33.16
2	50	0.25	9.00	37.12
2	60	0.25	15.00	46.64
2	70	0.25	23.00	59.33
2	80	0.25	12.00	41.88
2	90	0.25	11.00	40.30

Serial #: 6773 **Outside** Vincent Oil Corporation Marfam 1-32 DST Test Number: 2



Trilobite Testing, Inc Ref. No: 51941 Printed: 2014.03.13 @ 23:49:51

Scale 1:240 Imperial

Well Name:	Marfam 1-32		
Surface Location:	NE NE NW NW 32-29S-24W		
Bottom Location:			
API:	15-057-20926		
License Number:			
Spud Date:	3/4/2014	Time:	5:30 PM
Region:			
Drilling Completed:	3/14/2014	Time:	11:55 AM
Surface Coordinates:	123 FSL & 1180 FWL		
Bottom Hole Coordinates:			
Ground Elevation:	2569.00ft		
K.B. Elevation:	2581.00ft		
Logged Interval:	4250.00ft	To:	5466.00ft
Total Depth:	5466.00ft		
Formation:	MISS		
Drilling Fluid Type:			

OPERATOR

Company:	Vincent Oil Corpotaion		
Address:	155 N Market ste 700 Wichita, KS 67202		
Contact Geologist:	Dick Jordan		
Contact Phone Nbr:	316-262-3573		
Well Name:	Marfam 1-32		
Location:	NE NE NW NW 32-29S-24W	API:	15-057-20926
Pool:		Field:	
State:	KS	Country:	

CONTRACTOR

Contractor:	Duke Drilling Co. Inc.		
Rig #:	1		
Rig Type:	Rotary		
Spud Date:	3/4/2014	Time:	5:30 PM
TD Date:	3/14/2014	Time:	11:55 AM
Rig Release:	3/16/2014	Time:	12:00 AM

ELEVATIONS

K.B. Elevation:	2581.00ft	Ground Elevation:	2569.00ft
K.B. to Ground:	12.00ft		

SURFACE CO-ORDINATES

Well Type:	Vertical		
Longitude:	-99.9750619	Latitude:	37.4865506
N/S Co-ord:	123 FSL		
E/W Co-ord:	1180 FWL		

OPEN HOLE LOGS

Logging Company:	Nabors Completion and Production Services Co.		
Logging Engineer:	Jason Cappellucci		
Truck #:	4010		
Logging Date:	3/14/2014	Time Spent:	8
# Logs Run:	4	# Logs Run Successful:	4

LOGS RUN

Tool	Logged Interval	Logged Interval	Hours	Remarks	Run #
DI	0.00ft	5468.00ft	4.00		1
CDE/NPE	4300.00ft	5468.00ft	4.00	Tool Malfun, Re-ran from 5444	1
MICRO	4300.00ft	5468.00ft	4.00		2
SONIC	600.00ft	5468.00ft	4.00		2

LOGGING OPERATION SUMMARY

Date	From	To	Description Of Operation
3/19/2014	0.00ft	0.00ft	

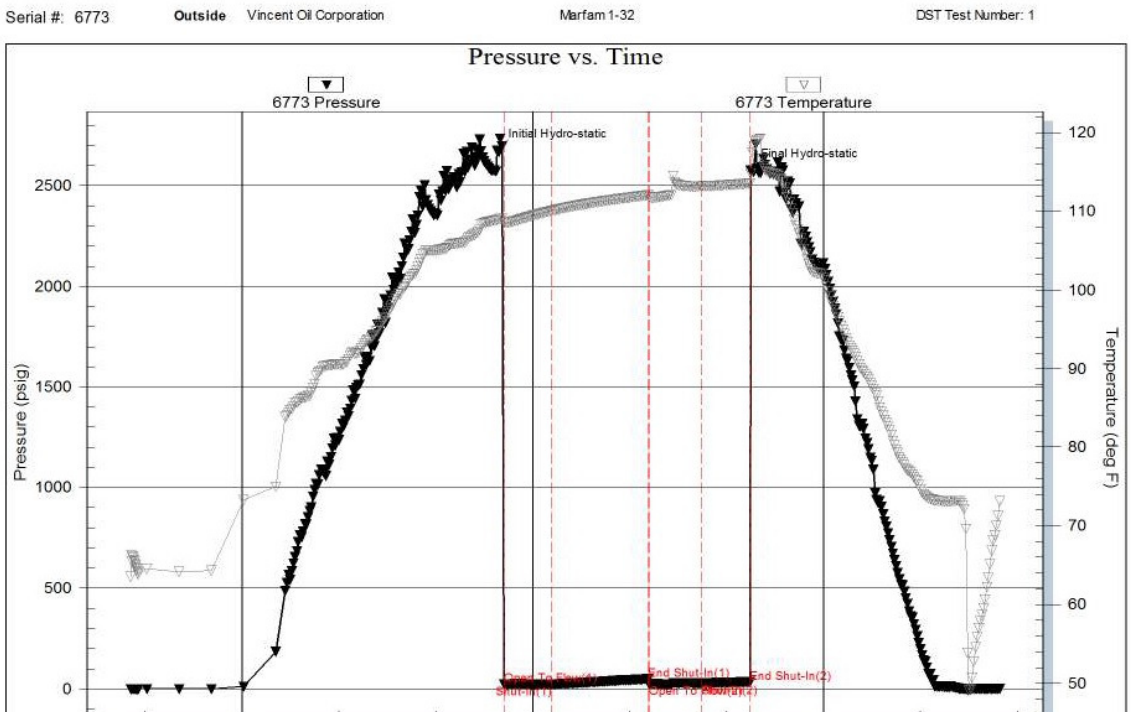
CASING SUMMARY

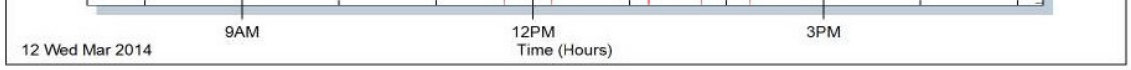
	Surface	Intermediate	Main
Bit Size	12.25 in		7.88 in
Hole Size	12.25 in		7.88 in

	Size	Set At	Type	# of Joints	Drilled Out At
Surf Casing	8.625 in	650 ft	23#	15	3/5/2014 5:00 PM
Int Casing					
Prod Casing	4.5 in	5451 ft	11.6#	124	3/16/2014 12:00 AM

CASING SEQUENCE

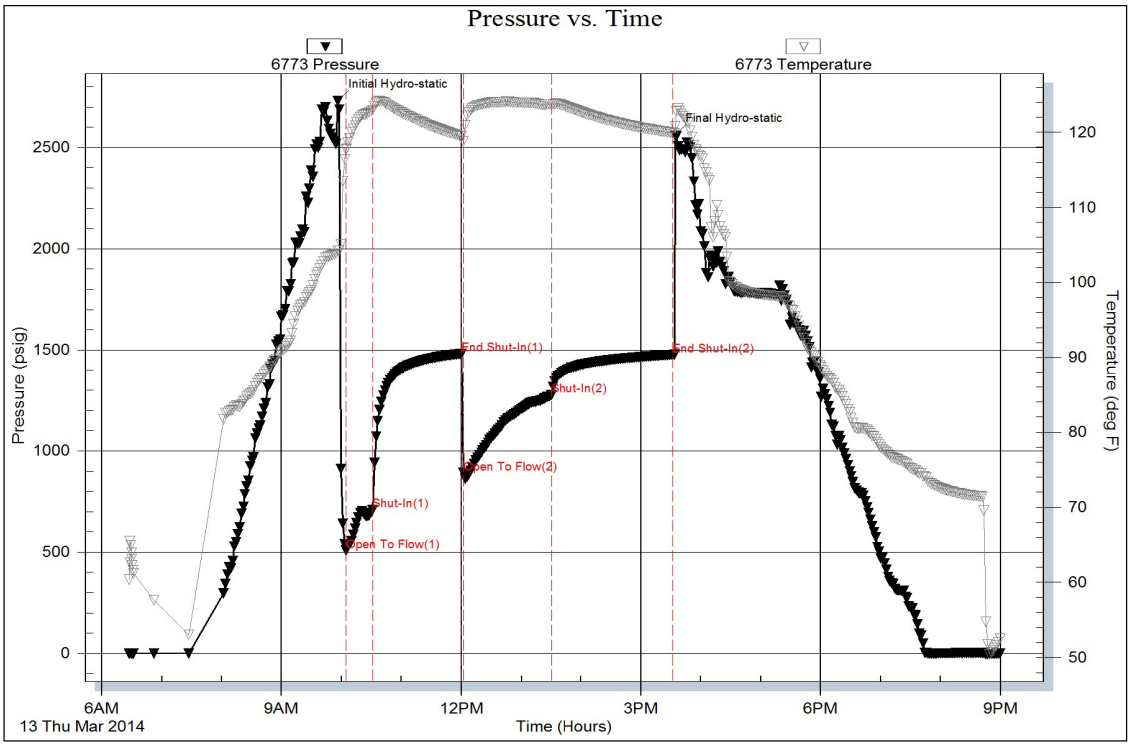
Type	Hole Size	Casing Size	At
	0.00 in	0.00	0.00 ft





Trilobite Testing, Inc Ref. No: 51940 Printed: 2014.03.12 @ 18:05:06

Serial #: 6773 **Outside** Vincent Oil Corporation Marfam 1-32 DST Test Number: 2



Trilobite Testing, Inc Ref. No: 51941 Printed: 2014.03.13 @ 23:49:51

ROCK TYPES

Coal
Lmst fw<7
Lmst fw7>
Ss
Shgy
Shblck

ACCESSORIES

MINERAL
- Chert, dark
- Dolomitic
- P Pyrite
- Sandy
- Silty
- Chert White

FOSSIL
- Crinoids
- Foraminifera
- F Fossils < 20%
- Oolite

STRINGER
- Shale

TEXTURE
- C Chalky
- FX FinexIn

DUNHAM
- MS Mudst

MISC
- Veins

OTHER SYMBOLS

POROSITY TYPE
- × Intercrystalline
- Interoolitic
- V Vuggy
- P Pinpoint
- Moldic
- O Organic
- F Fracture
- e Earthy
- Fenestral

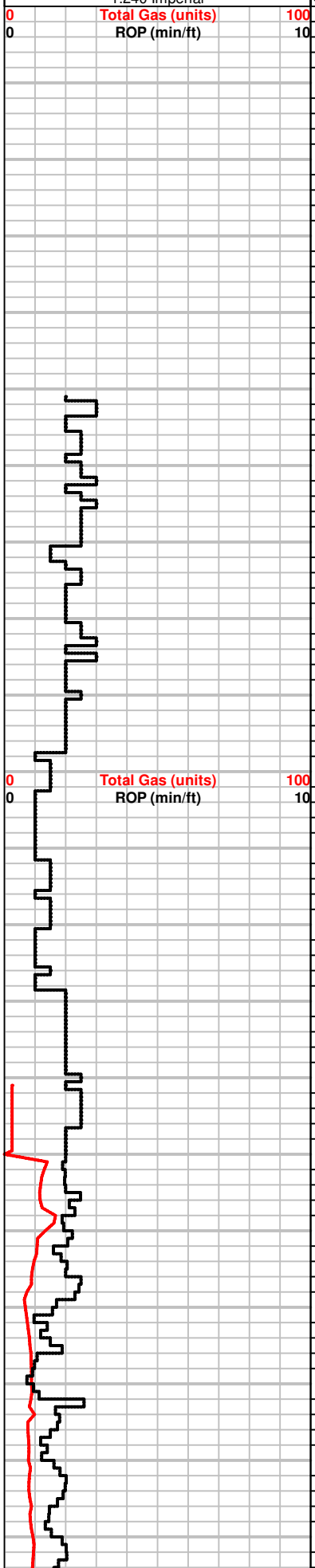
OIL SHOWS
- Even Stn
- Spotted Stn 50 - 75 %
- Spotted Stn 25 - 50 %
- Spotted Stn 1 - 25 %
- O Questionable Stn
- D Dead Oil Stn
- Fluorescence

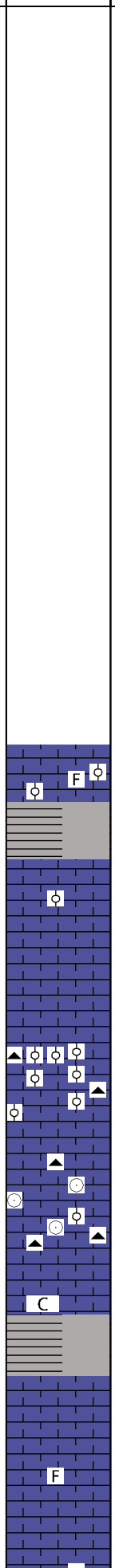
INTERVALS
- Core
- DST

Printed by GEOstrip VC Striplog version 4.0.7.0 (www.grsi.ca)

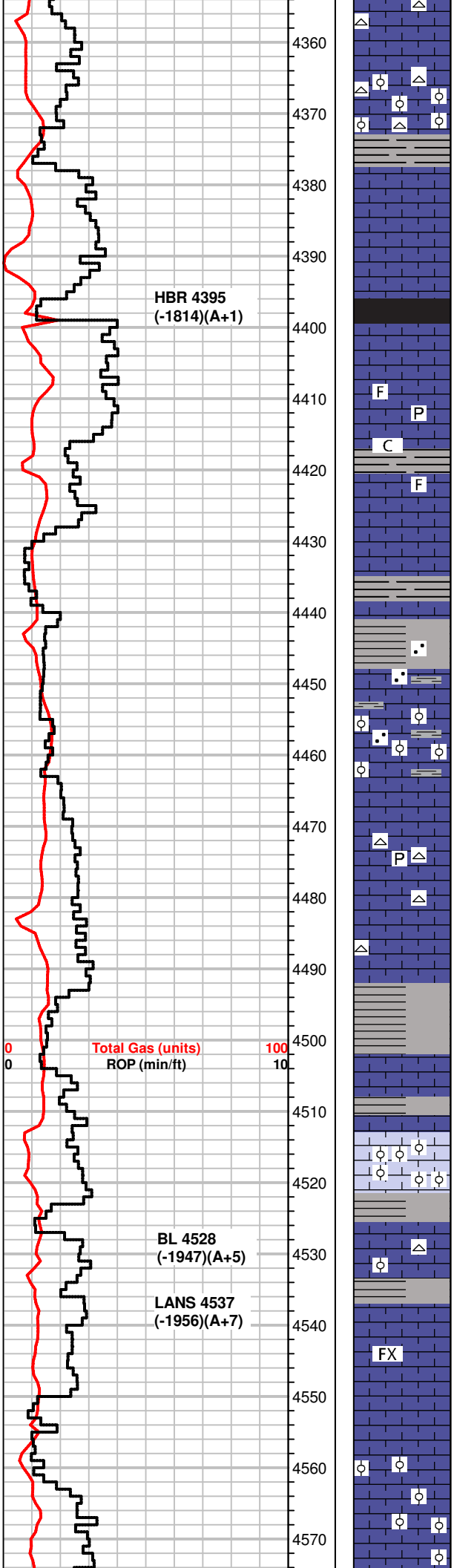
Curve Track #01
Total Gas (units)
ROP (min/ft)

Depth | Intervals
Porosity Types
Interpreted Lithology
Oil Shows





Cored Interval	DST Interval	Porosity	Interpretation	Oil Show	Geological Descriptions	Comment
					BLUESTEM LABS TRAILER W/ BLOODHOUND GAS UNIT ON LOC @ 4300 GEO ON LOC @ 4335 9:00PM 3/9/14	
					MS, crm to gray, mottled looking matrix, some fossilif. pcs, firm, sli. chalky, Some SH, gray	
					MS, gray, f-xln, fossilif, sli sandy, soft chalky pcs common, firm	
					MS-WS, crm, mirco oolitic, chalky looking matrix, some SH, blk, gray Chert, blk, blocky	
					MS, tan to gray, f-xln, firm, fossils(crinoids), Chert, blk	
					MS, lt gray to gray, f-xln, earthy txt, chalky, soft SH, sandy, green	
					MS, crm to gray, f-gr oolite pcs, friable, magnetite specs, NS	



MS, crm to lt. gray, f-xln, gritty txt in part, some crm to gray pcs, micro oolitic, dense
Chert, white

SH, gray, dk, gray

SH, blk, carbonaceous

MS, crm to gray, mottled, mineral fluor, NS

MS, gray to crm, f-xln, firm to soft, some chalky pcs, Pyrite, fossilif.
Some SH, blk

MS, crm, vf-xln, dense, earthy txt, rare fossilif,
Rare SH, blk

SH, gray to green, sandy

MS, crm to brn, some mottled, f-xln, fossils, micro oolitic, sandy, dense.

MS, crm to tan, f-xln, dense, Pyrite
Chert, white

MS-WS, crm to gray, f-xln, dense, min fluor, NS, Chert, tan, some SH, gray,

SH, gray, green

WS-PS, tan, micro oolitic, gray pcs, mottled, fossilif.

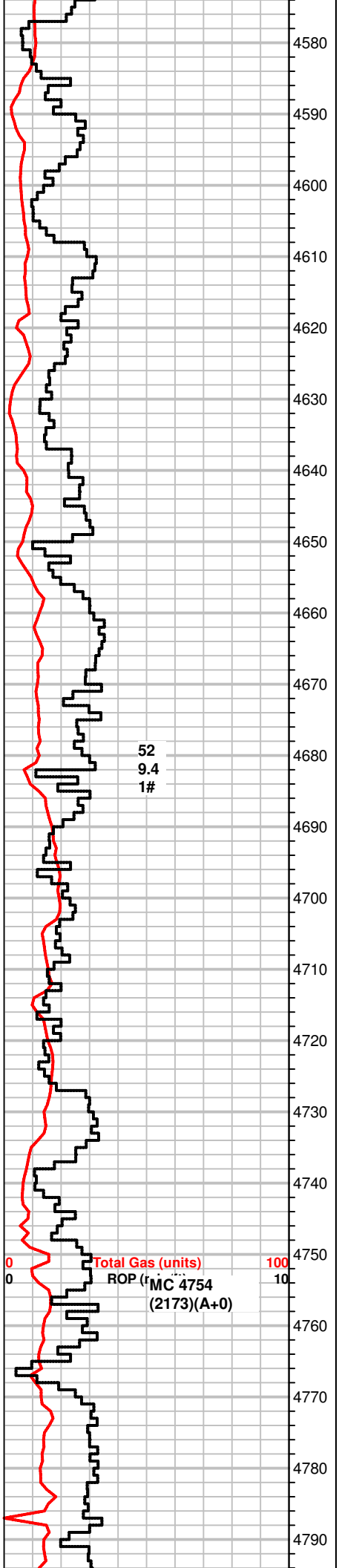
Sh, dk, gray

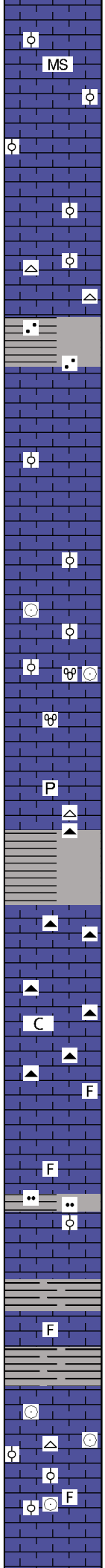
MS, brn, to tan, f-xln, dense, some fractured, fossils
Chert, tan, some SH, gray

MS, lt, gray to crm, f to m-xln, dense, NS

MS, crm to gray, brn, vf-xln to massive, some micro oolitic pcs, frim to hard, some dense, NS

19 Units, +7UGK shale gas





MS, A.A, NS

MS, A.A. NS
Some SH, gray

MS, crm, f-xln, dense, rare mottled pcs, Chert, opaque,
SH, gray, sandy

MS, crm to gray, vf-xln, massive txt, tite, dense, dull min. fluor, NS

MS, crm to lt. gray, vf-xln, dense, gritty looking pcs throughout, fossilif(fusilinids, crinoids), some pcs brn, dense, f-xln, rare m-gr oolitic gray pcs

SH, gray, dk, gray,

MS brn to tan, some chalky, mottled pcs common, some brn stn, no fluor, no cut, NFO, some moldic, Pyrite
Chert, tan

SH, blk, green
MS, crm to gray, dense, fossilif, some pcs m-gr oolitic,
Chert, gray, fossilif

MS, crm to tan, f-xln, dense, fossilif gray pcs, dense to chalky matrix,
Chert, gray, brn

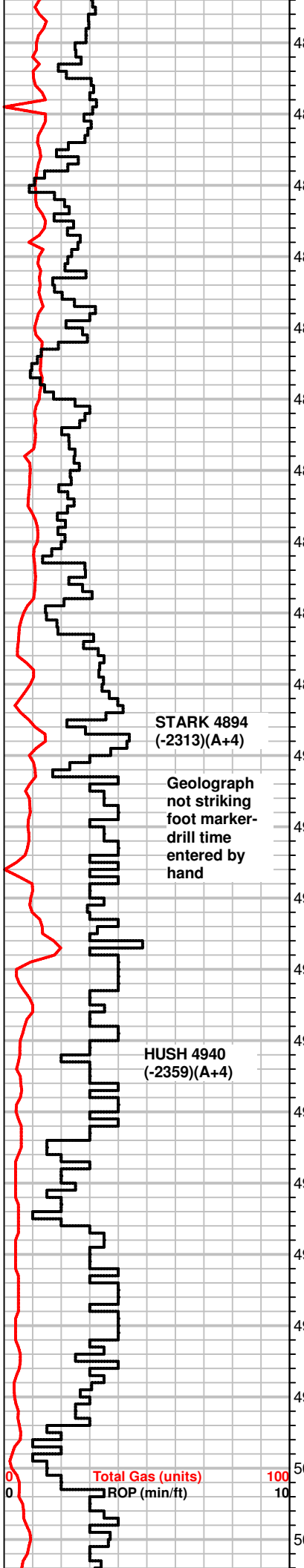
MS, crm to gray, vf-xln, dense, massive txt, fossil frgmnts,
SH, gray, green, silty

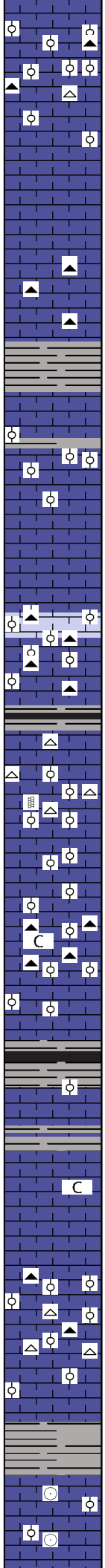
Sh, dk. gray

16 Units, +9 UGK shale gas

MS, gray, some crm A.A. fossilif, f-xln gray pcs, NS

MS, lt. gray, crm to brn, m-xln, fossilif, dense, dull fluor, NS





MS, gray, mic to f-xln pcs, dense, rare gray co-gr ooids, crinoids, Chert, tan
Some SH, gray

MS, crm to gray, f-xln, dense, NS
SH, dk. gray, few small pcs

MS, tan to crm, mic-xln, dense
Chert, brn
influx SH, gray

More SH, gray, green
MS A.A., brn, mic-xln, fossilif.

MS, crm to tan, f-xln, firm, some fossils, some WS pcs, off white, m-gr oolitic, hard
Chert, brn

SH, blk

14 Units, +4 UGK, shale gas

MS, crm, earthy, silty, gray pcs, hard, mic-xln, dense, calcite veins, NS, Chert, opaque, oolitic
rare SH, blk

MS-WS, crm to brn, f-xln, fossilif, oolitic, dense, some chalky
Chert, gray fossilif, brn,

SH, gray to green, some blk pcs
MS, tan to gray, some grn, f-xln fossilif, dense, dull min fluor, NS

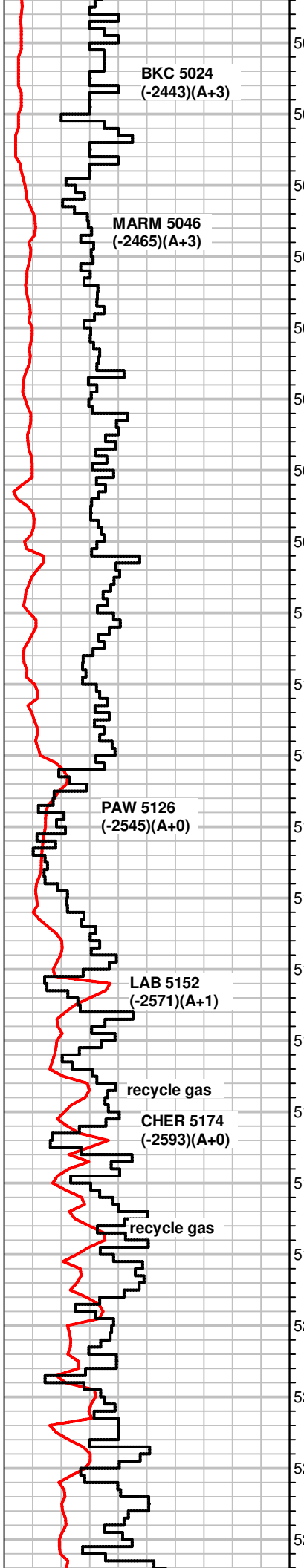
19 Units, +10 UGK, shale gas

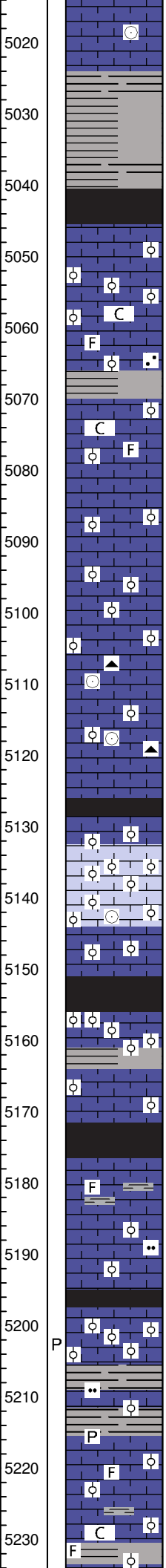
MS, crm to brn, f-xln, chalky, silty, firm, min fluor, NS, Some brn pcs, mic-xln, blocky, dense

MW-WS, crm to brn, mic to f-xln, hard, NS
Chert, white micro oolitic, some brn, m-gr oolitic,
Some SH, gray, green

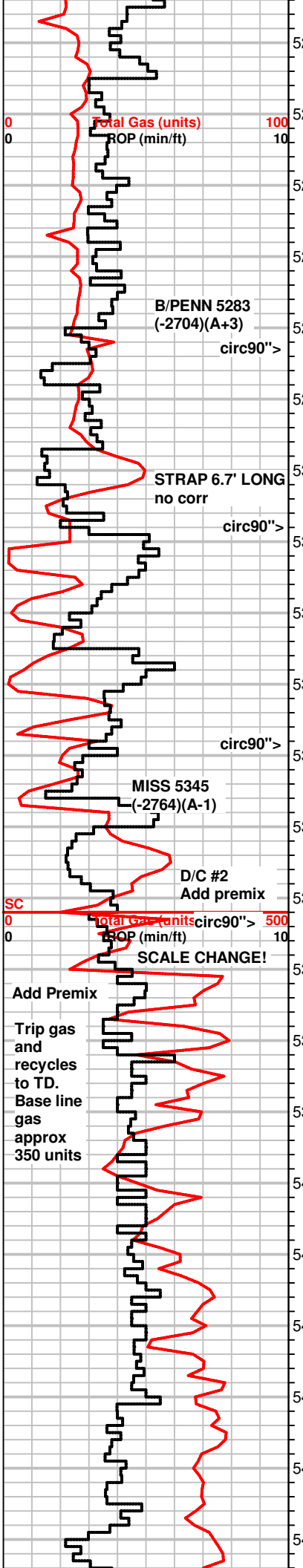
SH, gray, blk

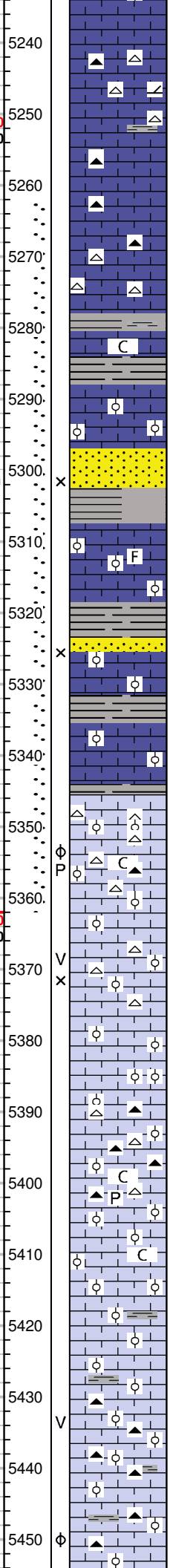
MS, crm, f-xln, hard, fossilif, scatt oolitic pcs,





MS, AA., crm to brn, rare gray, massive, dense	
SH, dk. gray, gray	
SH, gray	
SH, blk, dk gray, gray,	
MS, gray, mic-xln, dense, fossilif, NS	
MS, gray to brn, f-xln, dense, some crm, oolitic mottled pcs, rare chalky pcs	
MS, crm to tan, f-xln, fossils, dull fluor, NS SH, gray, brn, sandy	
SH, gray, brn, sandy MS, crm, f-xln, chalky, scatt fossils, NS	
MS, crm, A.A., brn mottled, f-xln, some pcs oolitic,	
MS-WS, crm to lt. tan, f-xln to massive, oolitic pcs throughout, hard, dense, Some SH, gray	
MS, crm, f-xln, A.A. mottled oolitic pcs rare rare Chert, tan, brn	
MS, crm to gray, A.A., some brn fossils, rare chalky, oolitic pcs sparse, crinoid stem(segmented), Chert, brn, rare SH, gray, green	
SH, dk. gray, gray	**22 Units, +11 UGK, shale gas**
MS-WS, crm, f-xln, fossilif(crinoids, oolites-f. gr), mottled, No odor, No fluor, NS	
WS-PS, crm, f to m-gr ooids, hard, rare fractured pcs, some chalky scatt.	
SH, blk, gray, green,	**37 Units, +18 UGK, shale gas**
MS, crm to tan, mic-xln, dense rare f-gr oolitic WS pcs, some calcite in tray, some SH, gray, green	
WS-MS, crm to brn, f-xln, oolitic pcs scatt. hard, NS	
SH, blk, gray, some pcs silty, red pcs	**36 Units, +18 UGK, shale gas**
MS, crm to tan, f-xln, dense, dull fluor, NS	
MS, A.A., some gray, gritty txt, fossilif in part. some SH stringers, gray, silty	
SH, blk, gray ,green MS, crm brn, lt. gray, mic-xln, dense, rare oolitic/miro-oolitic pcs PP por. NS	**34 Units, +11 UGK, shale gas**
MS, A.A., rare mottled pcs, scatt fossils. SH, gray, silty	
SH, gray, green, Pyrite specs MS, brn to lt. tan, mic-xln, hard, fossilif, no fluor, NS	
WS, crm to tan, f-xln, some chalky, fossilif, oolitic, m-gr ooids, MS, A.A., Some SH, dk. gray, fossils (crinoids, fusilinids)	





MS, brn, f-xln, hard, dense, no flour, NS

MS, crm to gray, f-xln, sucrosic looking(sli. dolomitic), Chert, off white, oolitic, tan

MS, crm, f-xln, dense, some oolitic brn pcs, calcite, Chert, brn, Some SH, gray

MS, crm to tan, hard, f-xln, dense, no fluor, NS
Chert, brn gray

MS, crm to tan, f-xln, dense, some w/ gritty txt, rainbow bubbles rare, Chert, tan, off white, NS

MS, crm to tan, f-xln, scatt fossils, hard, dense, chalky pcs, NS
Some SH, green

SH, blk, dk. gray, green, silty/ sandy

MS, crm to brn, f-xln, dense, pcs w/ fossil frgmnts scatt., rare black ooids, co-gr.

SS clusters, loose qtz gr, white, f-gr, well sorted, sub angular, fair odor in bag, bleeding gas, scatt bright fluor, 4 of 10 pcs streaming cut, rainbow show in tray

MS, crm to tan, some brn pcs, f-xln, chalky, some dense, rare fossils,
sparse WS, oolitic

SH, blk, dk gray, gray, silty, Pyrite

SS clusters, white, f-gr, sorted, sub. ang, spotty bright fluor, streaming cut 1 pc, 3 pcs slow milky cut, no odor, no free oil

MS, crm to tan, f-xln, dense, fossil frgmnts, WS, brn, white, oolitic, dull fluor, NS, SH, blk, gray, gas bubbles in blk pcs

MS, crm to tan, some brn, f-xln, sli oolitic pcs, hard matrix, rare bright fluor, 1 pc milky cut, no odor

WS-PS, crm, tan to off white, f-xln, hard to brittle pcs, oolitic, rare stn in matrix, scatt bright fluor(5% of tray), inst milky cut, fair odor in bag, spotty brn stn in dry.
Chert, opaque, bone white, orange, gray, some pcs oolitic

WS-PS, crm to tan, vf-xln, oolitic to micro-oolitic pcs, hard to firm, Chert, white, gray, Dull fluor, NS

WS-PS, crm to off white, hard to brittle, rare micro-oolitic, some WS, tan, f-xln, hard dense, rare bright fluor, no odor, no cut, 1 pc w/ spotty dead stn.

WS-PS, crom to off white, f-xln, sli chalky matrix in some pcs, some hard and dense, NS
Chert, gray, milky gray, blocky pcs

MS-WS, crm to lt. tan, f-xln, some chalky, oolitic, hard, NS
Chert, gray, Pyrite

PS-WS, crm to off white, chalky matris, hard, some brittle co-gr oolitic pcs, micro-oolitic in part, sucrosic txt, dull fluor, NS.

PS-WS A.A.
SH, blk, gray, green, cave?

WS-PS, crm, off-white, hard to brittle, some soft
Chert, gray, ooiltic, fossilif, vuggy por, 1 pcs spotty stn, spotty bright fluor, barely visible milky cut, no odor.

WS-PS, crm to lt. tan, f-xln, hard to brittle, oolitic A.A.
Chert, white, gray, oolitic, some weathered with fresh edges gray,
Some SH, striners, blk to gray, some green pcs

WS-PS, crm to off white, oolitic, influx of micro oolitic pcs, firm to brittle, dull flour, NS

DST #1 5262-5308
30-60-30-30
Surf blow
NBB
No blow, Flushed tool,
Surf blow, Died
NBB
Rec: 20' MUD
IH 2674#
IF 23-21#
ISIP 49#
FF 26-27#
FSIP 34#
FH 2575#
Temp 114*F
Cl 7000ppm

bckgrnd 25 Units
50 Units total, +25 UGK,
recycle +10 UGK

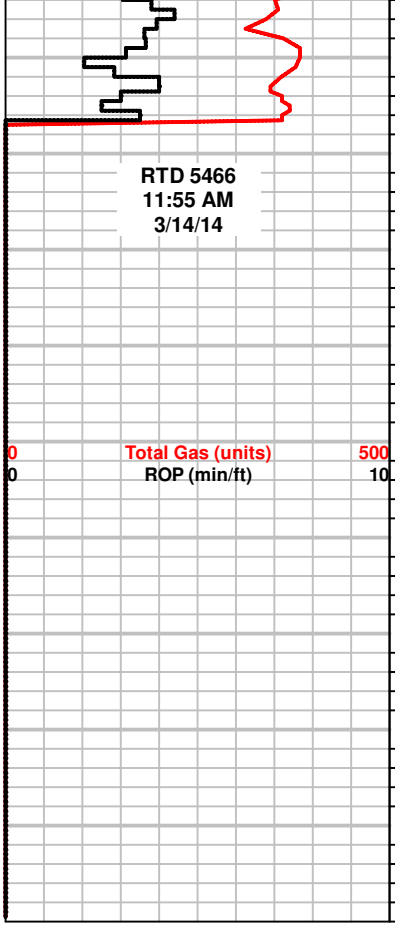
27 Units, shale gas?

28 Units, 9 unit recycle

38 Units, shale gas?

+59 UGK
+53 Unit recycle

DST #2 5274-5362
30-90-90-120
SB BOB/30sec
GTS/17min
Ga 1" choke
20min/988.96MCF
30min/1132.7MCF
Blow back throughout
SB BOB/immed
GTS/immed
Ga 1/2" choke
10min/110.62MCF
20min/110.62MCF
Ga 1/4" choke
30min/30.78MCF
40min/33.16MCF
50min/37.12MCF
60min/46.64MCF
70min/59.33MCF
80min/41.88MCF
90min/40.30MCF
Rec:
1260'GIP
3825' CO
60' GOCM 20g,53o,24m
120'GOWCM 15g,25o,40m
IH 2728#
IF 508-709#
ISIP 1481#
FF 891-1276#
FSIP 1476#
FH 2559#
Cl 8000ppm
Some sand present in bottom of sample vials



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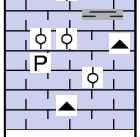

D

Some MS, tan to crm, f-xln, firm,

WS-PS, crm to off-white, firm, chalky matrix, oolitic to micro oolitic, some glauc specs, free Pyrite, glauc specs, dead stn 1 pc, no cut, no odor in bag, Chert, brn, tan