

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1254177
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

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

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

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

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Confidentiality Requested
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____

1254177

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			
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)*

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

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR: _____ Producing Method: Flowing Pumping Gas Lift Other *(Explain)* _____

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

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Vincent Oil Corporation
Well Name	Malone 5-21
Doc ID	1254177

All Electric Logs Run

Dual Induction
Density -Neutron
Micro-log
Sonic

Form	ACO1 - Well Completion
Operator	Vincent Oil Corporation
Well Name	Malone 5-21
Doc ID	1254177

Tops

Name	Top	Datum
Heebner Shale	4337	-1793
Brown Limestone	4368	-1924
Lansing	4378	-1934
Stark Shale	4704	-2260
Pawnee	4919	-2476
Cherokee Shale	4969	-2525
Base Penn Limestone	5063	-2619
Mississippian	5084	-2640
RTD	5250	-2806

ALLIED OIL & GAS SERVICES, LLC

055631

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Great Bend

DATE <u>2-7-15</u>	SEC <u>24</u>	TWP <u>28</u>	RANGE <u>23</u>	CALLED OUT	ON LOCATION	JOB START <u>7:30</u>	JOB FINISH <u>1:00 PM</u>
LEASE <u>McLain</u>	WELL# <u>5-21</u>	LOCATION <u>Kingsdown</u>			COUNTY <u>Ford</u>	STATE <u>Ks</u>	
OLD OR <u>(NEW)</u> (Circle one)							

CONTRACTOR Duke #1

TYPE OF JOB Surface (Long)

HOLE SIZE 12 1/4 T.D.

CASING SIZE 8 5/8 DEPTH 616'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT 41'

CEMENT LEFT IN CSG. 41'

PERFS.

DISPLACEMENT 36.90' @ 12 1/4"

EQUIPMENT

PUMP TRUCK # _____ CEMENTER Jimmy Plummer

HELPER Joseph

BULK TRUCK # _____ DRIVER Marlynn

BULK TRUCK # _____ DRIVER

OWNER _____

CEMENT AMOUNT ORDERED 12550 65/35 + 67.131

12550 com + 37.00

COMMON 12550 @ 17.90 \$ 2,237.50

POZMIX @ _____

GEL @ _____

CHLORIDE 680.16 @ 1.10 \$ 748.00

ASC @ _____

Light weight 65/35 @ 19.85 \$ 2,415.00

Cell Hole 232 @ 2.97 \$ 95.04

@ _____

@ _____ 5.565.54

@ 45% 2.504.49

HANDLING 276.40 @ 2.47 \$ 685.97

MILEAGE 419.78 @ 2.75 \$ 1,154.40

TOTAL _____

REMARKS:

See Cementing Job Log

Cement to Surface

CHARGE TO: Vicent

STREET _____

CITY _____ STATE _____ ZIP _____

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 Mike Hoelker

SIGNATURE _____

SERVICE

DEPTH OF JOB 616'

PUMP TRUCK CHARGE \$ 1512.25

EXTRA FOOTAGE @ _____

MILEAGE Heavy 35 @ 7.7 \$ 269.50

MANIFOLD Light 35 @ 4.4 \$ 154.00

Head Rental - @ - \$ _____

no charge!

TOTAL 3.775.62

1.6.99.03

PLUG & FLOAT EQUIPMENT

1x 7 7/8 wooden Plug @ - \$ 115.00

1x 8 1/2 Ball Plug @ - \$ 390.00

@ _____

@ _____

@ _____

TOTAL 505.00

45% 193.50

SALES TAX (If Any) _____

TOTAL CHARGES \$ 9771.16

45% DISCOUNT 4.397.02 IF PAID IN 30 DAYS

5.374.14

QUALITY WELL SERVICE, INC.

Federal Tax I.D. # 481187368

6340

Home Office 324 Simpson St., Pratt, KS 67124

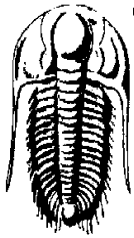
Office 620-727-3410

Fax 620-672-3663

Rich's Cell 620-727-3409

Brady's Cell 620-727-6964

Date	02-18-15	21	284	234w	Ford	KS	8:00 Pm	10:30 Pm
Lease	Malone		Duke #1		Kingsdown 2w, 4w, 2krs, w/fats			
Contractor	Owner Vincent							
Type Job	To Quality Well Service, Inc.							
Hole Size	7 7/8	T.D.	5250	You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.				
Csg.	4 1/2	Depth	5249	Charge To	Vincent			
Tbg. Size		Depth		Street				
Tool		Depth		City	State			
Cement Left in Csg.	44'	Shoe Joint	44.15	The above was done to satisfaction and supervision of owner agent or contractor.				
Meas Line		Displace	BBls 2% KCL	Cement Amount Ordered	225sx Pro C + 5 # Kolsel			
EQUIPMENT								
Pumptrk	8	No.	David B	Common	9 10% salt & 500gal Mud Flush A			8 gal KCL
Bulktrk	10	No.	David B	Poz. Mix	225.00c			
Bulktrk		No.		Gel.	4			
Pickup		No.	David B	Calcium				
JOB SERVICES & REMARKS								
Rat Hole	30sx	Hulls		Salt	24			
Mouse Hole	20sx	Flowseal						
Centralizers	6 cont 1357911	Kol-Seal	1125 #	Mud CLR 48	500 gal Mud Flush			
Baskets		CFL-117 or CD110 CAF 38			cc-1 8 coils			
D/V or Port Collar		Sand		Handling	250			
		Mileage	50					
		Guide Shoe	1 - Reg. 4.5					
		Centralizer	6 - 4.5					
		Baskets						
		AFU Inserts	1 - Reg 4.5					
		Float Shoe						
		Latch Down	1 - TRP 4.5					
		Pumptrk Charge	Longshing					
		Mileage	Fox 2					
		Tax						
		Discount						
		Total Charge						
X Signature	David Malone							



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Vincent Oil Corporation

21-28S-23W Ford

155 N Market Ste 700
Wichita, KS 67202

Malone 5-21

Job Ticket: 59900

DST#: 1

ATTN: Ken LeBlanc

Test Start: 2015.02.13 @ 22:12:32

GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:14:17

Time Test Ended: 07:35:32

Test Type: Conventional Bottom Hole (Initial)

Tester: Leal Cason

Unit No: 74

Interval: 4916.00 ft (KB) To 4950.00 ft (KB) (TVD)

Reference Elevations: 2444.00 ft (KB)

Total Depth: 4950.00 ft (KB) (TVD)

2432.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 12.00 ft

Serial #: 6798 Inside

Press @ Run Depth: 42.10 psig @ 4917.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.02.13

End Date:

2015.02.14

Last Calib.: 2015.02.14

Start Time: 22:12:33

End Time:

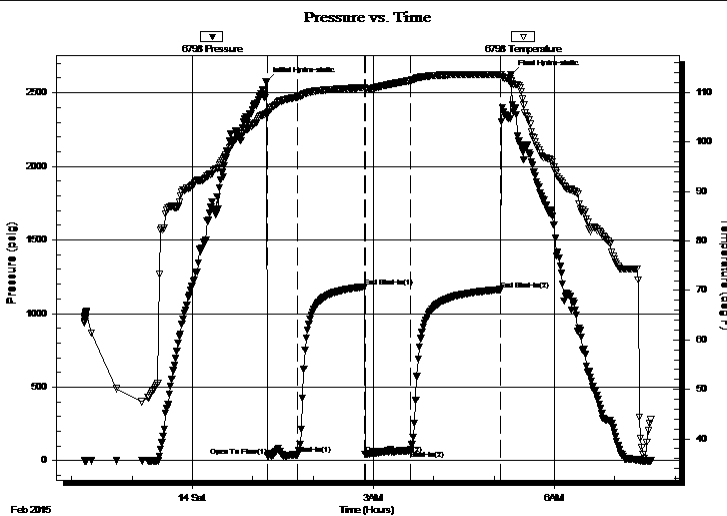
07:35:32

Time On Btm: 2015.02.14 @ 01:13:02

Time Off Btm: 2015.02.14 @ 05:16:32

TEST COMMENT: IF: Weak Blow , Built to 4 inches
IS: No Blow Back
FF: Weak Blow , Built to 3 inches
FS: No Blow Back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2573.32	105.65	Initial Hydro-static
2	33.15	105.62	Open To Flow (1)
31	42.10	109.02	Shut-In(1)
98	1182.12	110.95	End Shut-In(1)
99	45.30	110.56	Open To Flow (2)
144	69.70	112.38	Shut-In(2)
234	1162.98	113.57	End Shut-In(2)
244	2624.17	112.41	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	SOGCM 2%G 2%O 96%M	1.26

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Vincent Oil Corporation
155 N Market Ste 700
Wichita, KS 67202
ATTN: Ken LeBlanc

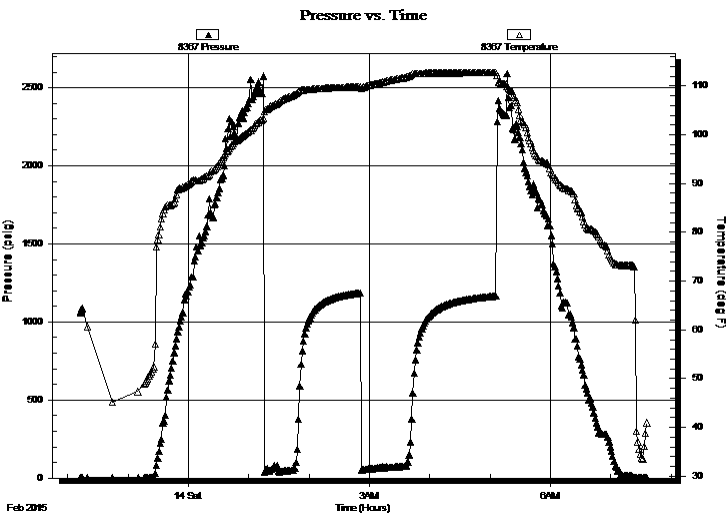
21-28S-23W Ford
Malone 5-21
Job Ticket: 59900 **DST#: 1**
Test Start: 2015.02.13 @ 22:12:32

GENERAL INFORMATION:

Formation: **Pawnee**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)
Time Tool Opened: 01:14:17 Tester: Leal Cason
Time Test Ended: 07:35:32 Unit No: 74
Interval: 4916.00 ft (KB) To 4950.00 ft (KB) (TVD) Reference Elevations: 2444.00 ft (KB)
Total Depth: 4950.00 ft (KB) (TVD) 2432.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 12.00 ft

Serial #: 8367 Outside
Press@RunDepth: psig @ 4917.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2015.02.13 End Date: 2015.02.14 Last Calib.: 2015.02.14
Start Time: 22:12:33 End Time: 07:35:47 Time On Btm:
Time Off Btm:

TEST COMMENT: IF: Weak Blow , Built to 4 inches
IS: No Blow Back
FF: Weak Blow , Built to 3 inches
FS: No Blow Back



PRESSURE SUMMARY

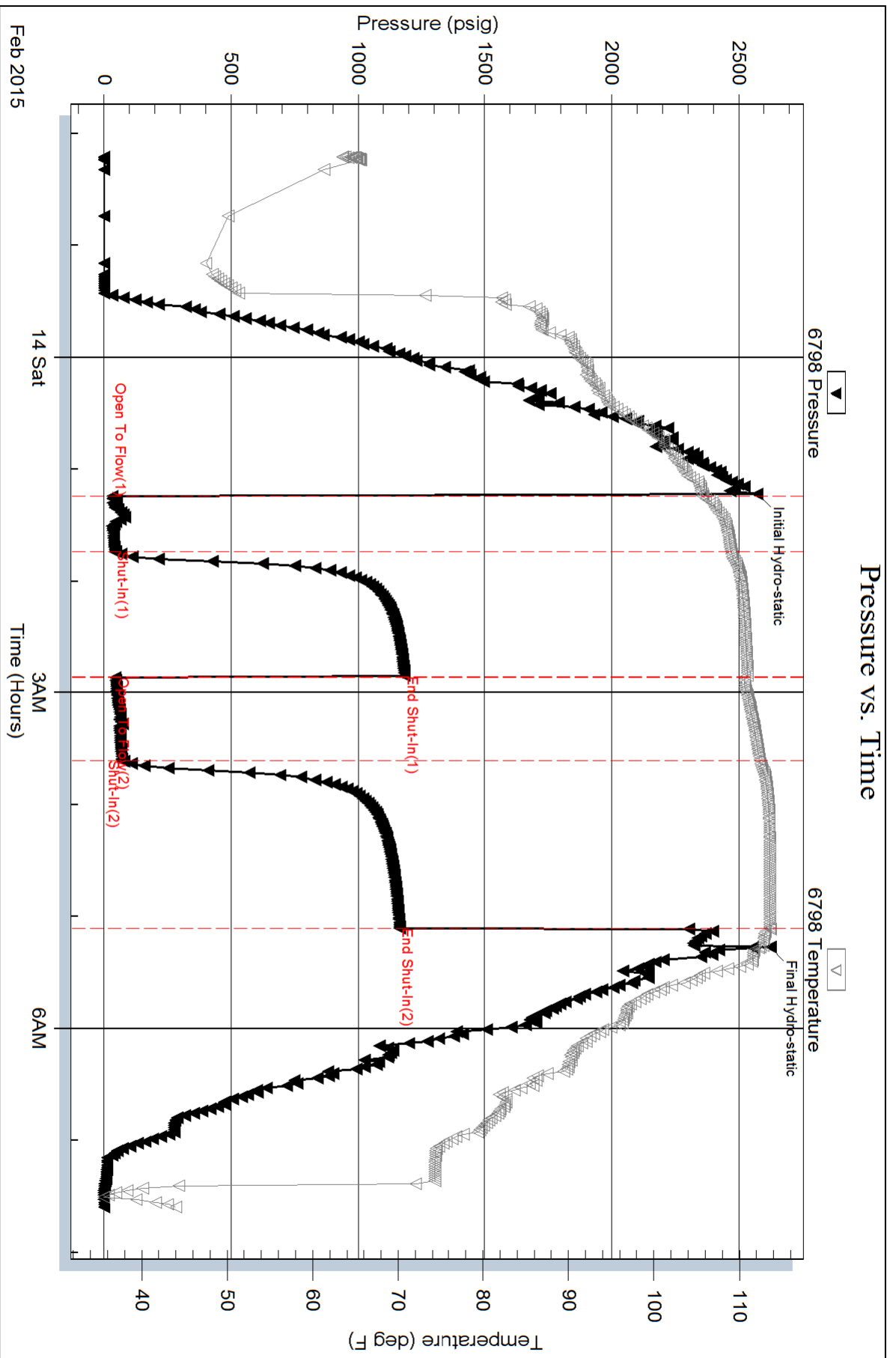
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
90.00	SOGCM 2%G 2%O 96%M	1.26

Gas Rates

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

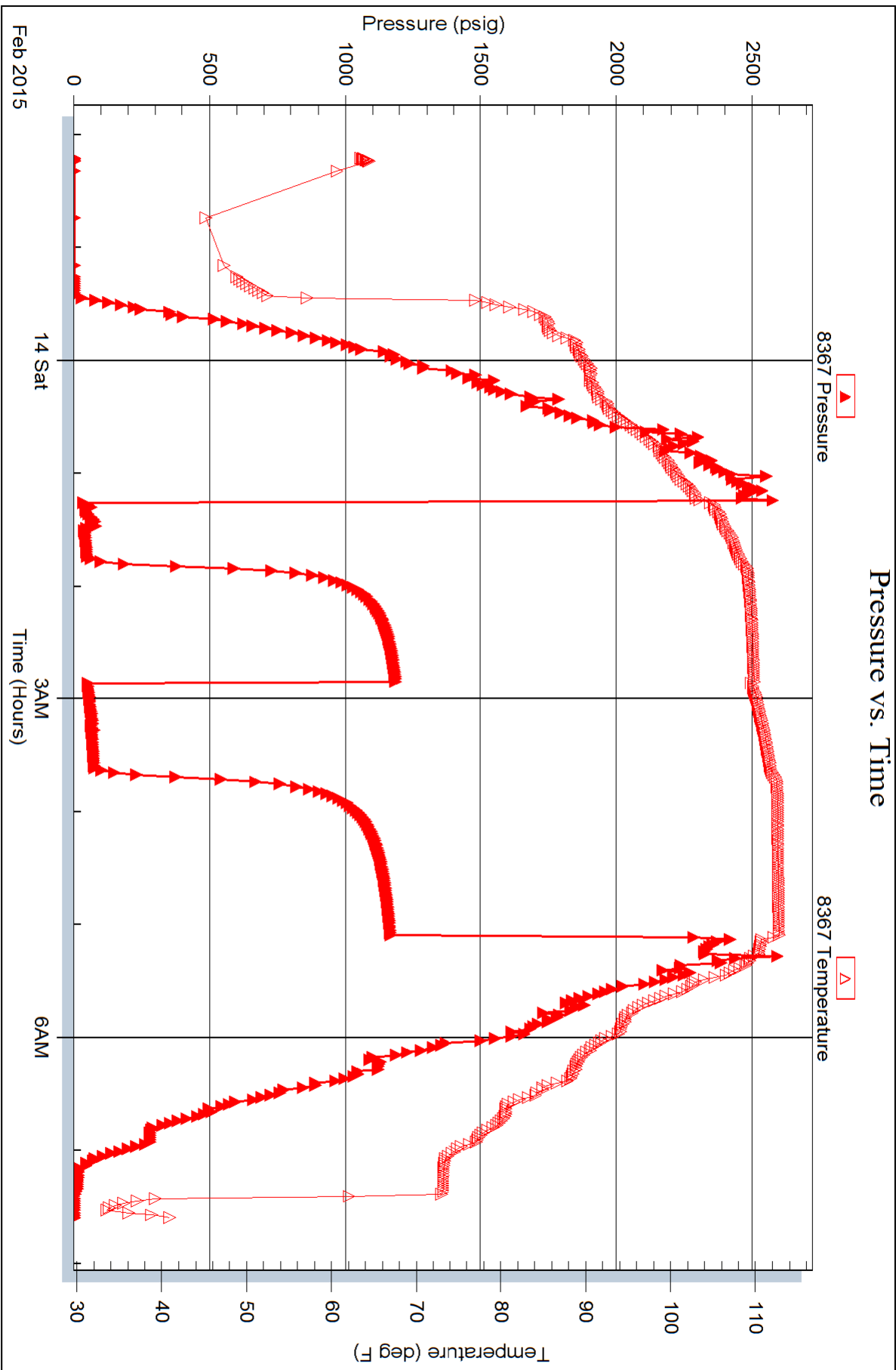


Serial #: 8367

Outside Vincent Oil Corporation

Malone 5-21

DST Test Number: 1





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Vincent Oil Corporation

21-28S-23W Ford

155 N Market Ste 700
Wichita, KS 67202

Malone 5-21

Job Ticket: 59751

DST#: 2

ATTN: Ken LeBlanc

Test Start: 2015.02.15 @ 04:05:37

GENERAL INFORMATION:

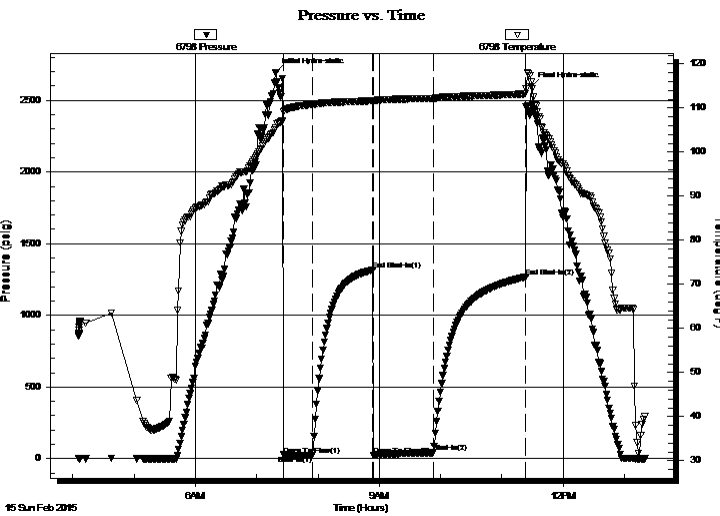
Formation: **Penn**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 07:26:07
 Tester: Leal Cason
 Time Test Ended: 13:20:22
 Unit No: 74
 Interval: **5065.00 ft (KB) To 5082.00 ft (KB) (TVD)**
 Reference Elevations: 2444.00 ft (KB)
 Total Depth: 5085.00 ft (KB) (TVD)
 2432.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Good
 KB to GR/CF: 12.00 ft

Serial #: 6798

Inside

Press @ Run Depth: 42.16 psig @ 5063.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.02.15 End Date: 2015.02.15 Last Calib.: 2015.02.15
 Start Time: 04:05:38 End Time: 13:20:22 Time On Btm: 2015.02.15 @ 07:18:37
 Time Off Btm: 2015.02.15 @ 11:28:37

TEST COMMENT: IF: Strong Blow , BOB in 1 minute
 IS: 5 inch Blow Back
 FF: Strong Blow , BOB in 10 seconds, GTS in 20 minutes, Gauged & Caught Sample
 FS: No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2694.17	105.53	Initial Hydro-static
8	27.06	109.06	Open To Flow (1)
37	26.13	110.75	Shut-In(1)
95	1317.15	111.64	End Shut-In(1)
96	23.25	111.51	Open To Flow (2)
155	42.16	112.16	Shut-In(2)
245	1268.59	113.21	End Shut-In(2)
250	2597.30	115.88	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	5026 GIP	0.00
45.00	SGCM 2%G 98%M	0.63

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	12.00	41.88
Last Gas Rate	0.25	18.00	51.40
Max. Gas Rate	0.25	18.00	51.40



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Vincent Oil Corporation

21-28S-23W Ford

155 N Market Ste 700
Wichita, KS 67202

Malone 5-21

Job Ticket: 59751

DST#: 2

ATTN: Ken LeBlanc

Test Start: 2015.02.15 @ 04:05:37

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: 75.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 9000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
0.00	5026 GIP	0.000
45.00	SGCM 2%G 98%M	0.631

Total Length: 45.00 ft Total Volume: 0.631 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

Vincent Oil Corporation

21-28S-23W Ford

155 N Market Ste 700
Wichita, KS 67202

Malone 5-21

Job Ticket: 59751

DST#: 2

ATTN: Ken LeBlanc

Test Start: 2015.02.15 @ 04:05:37

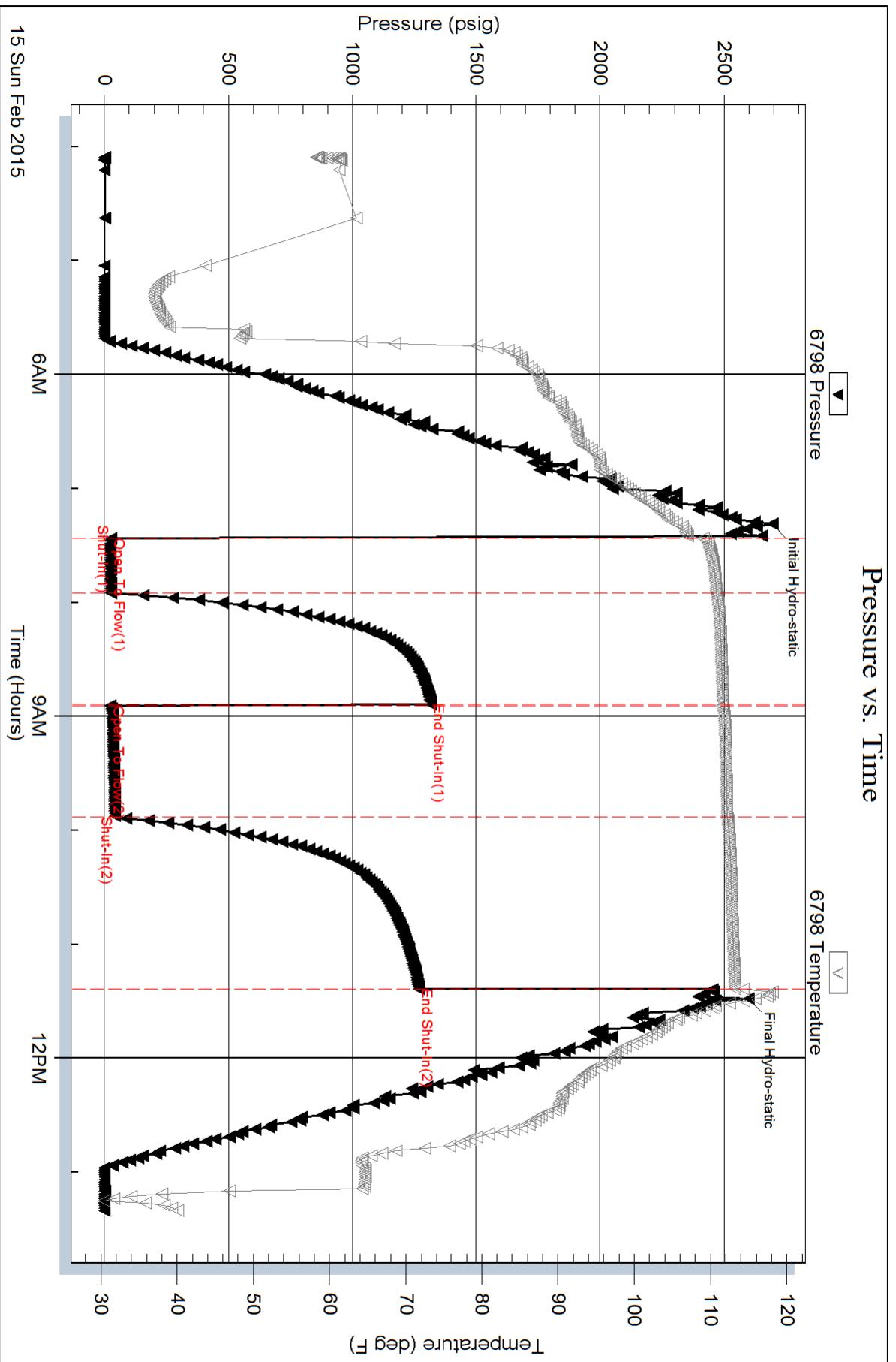
Gas Rates Information

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	20	0.25	12.00	41.88
2	30	0.25	14.00	45.05
2	40	0.25	16.00	48.23
2	50	0.25	17.00	49.81
2	60	0.25	18.00	51.40

Pressure vs. Time





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Vincent Oil Corporation

21-28S-23W Ford

155 N Market Ste 700
Wichita, KS 67202

Malone 5-21

Job Ticket: 59752

DST#: 3

ATTN: Ken LeBlanc

Test Start: 2015.02.16 @ 00:17:18

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:06:48

Time Test Ended: 09:30:48

Test Type: Conventional Bottom Hole (Reset)

Tester: Leal Cason

Unit No: 74

Interval: 5092.00 ft (KB) To 5115.00 ft (KB) (TVD)

Reference Elevations: 2444.00 ft (KB)

Total Depth: 5115.00 ft (KB) (TVD)

2432.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 12.00 ft

Serial #: 6798

Inside

Press@RunDepth: 299.65 psig @ 5093.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.02.16

End Date:

2015.02.16

Last Calib.:

2015.02.16

Start Time: 00:17:19

End Time:

09:30:48

Time On Btm:

2015.02.16 @ 02:50:18

Time Off Btm:

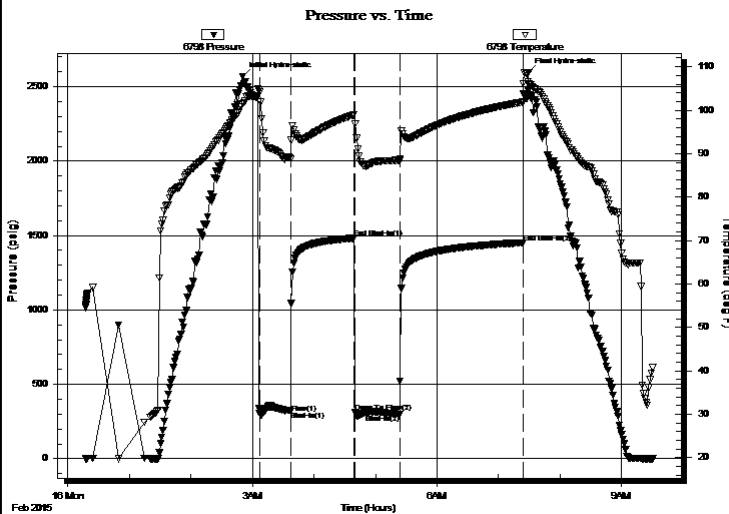
2015.02.16 @ 07:29:18

TEST COMMENT: IF: Strong Blow , BOB in 10 seconds, GTS in 5 minutes, Gauged & Caught Sample, Orange Flame

IS: 1/4 inch Blow Back

FF: Strong Blow , BOB & GTS Immediate, Gauged Gas

FS: No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2568.36	101.59	Initial Hydro-static
17	306.36	104.17	Open To Flow (1)
47	320.56	88.73	Shut-In(1)
109	1482.51	98.95	End Shut-In(1)
110	310.01	96.95	Open To Flow (2)
154	299.65	88.47	Shut-In(2)
274	1452.10	101.88	End Shut-In(2)
279	2596.11	106.17	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	5052 GIP	0.00
50.00	GCM 5%G 95%M	0.70

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.50	175.00	1277.63
Last Gas Rate	0.75	60.00	1162.12
Max. Gas Rate	0.50	175.00	1277.63

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Vincent Oil Corporation

21-28S-23W Ford

155 N Market Ste 700
Wichita, KS 67202

Malone 5-21

Job Ticket: 59752

DST#: 3

ATTN: Ken LeBlanc

Test Start: 2015.02.16 @ 00:17:18

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:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 9000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	5052 GIP	0.000
50.00	GCM 5%G 95%M	0.701

Total Length: 50.00 ft Total Volume: 0.701 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

Vincent Oil Corporation

21-28S-23W Ford

155 N Market Ste 700
Wichita, KS 67202

Malone 5-21

Job Ticket: 59752

DST#: 3

ATTN: Ken LeBlanc

Test Start: 2015.02.16 @ 00:17:18

Gas Rates Information

Temperature: 59 (deg F)
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
1	10	0.50	175.00	1277.63
1	20	0.75	100.00	1786.91
1	30	0.75	100.00	1786.91
2	10	0.75	50.00	1005.92
2	20	0.75	50.00	1005.92
2	30	0.75	60.00	1162.12
2	40	0.75	60.00	1162.12
2	45	0.75	60.00	1162.12

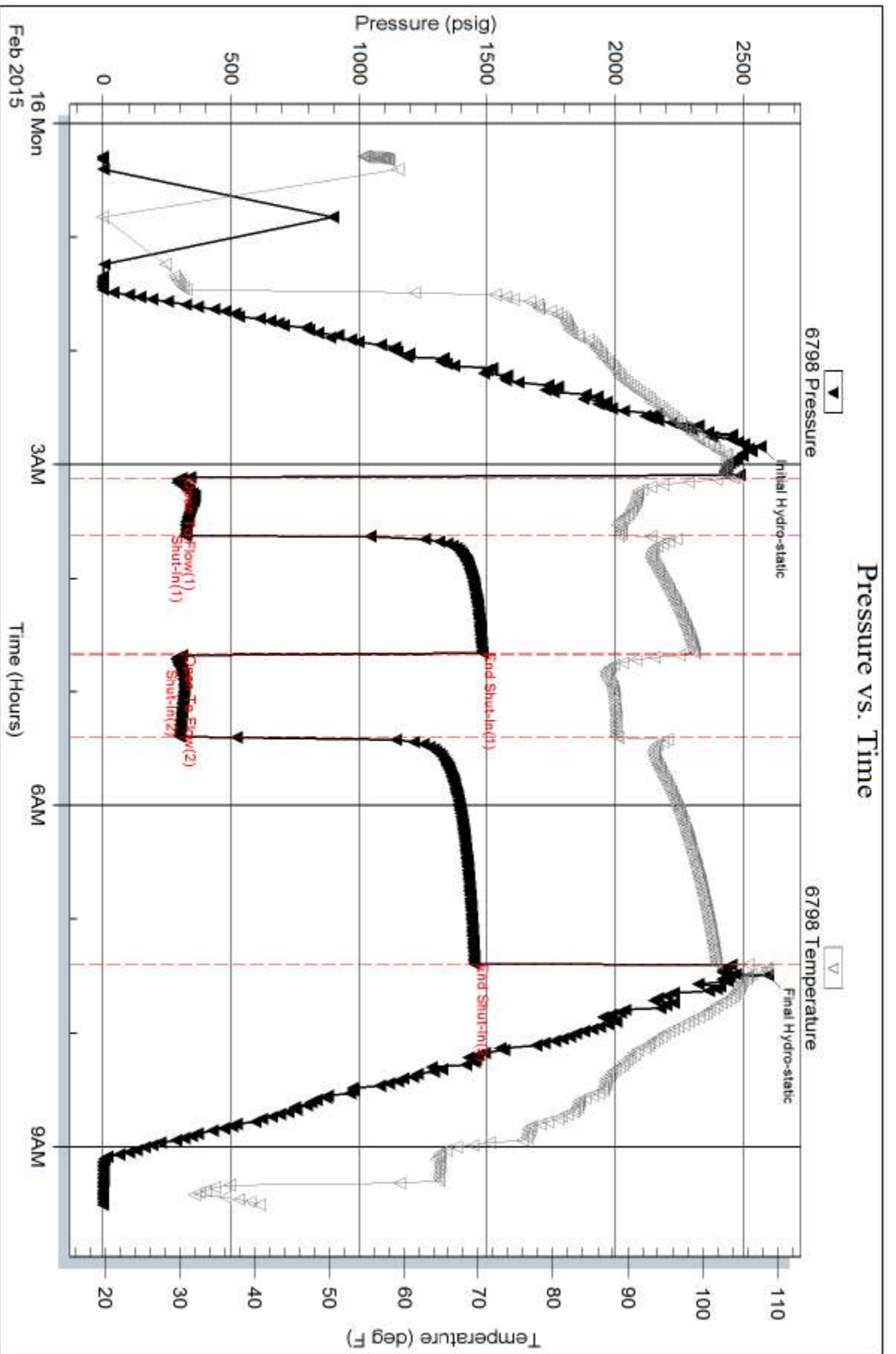
Serial #: 6798

Inside

Vincent Oil Corporation

Malone 5-21

DST Test Number: 3





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Vincent Oil Corporation

21-28S-23W Ford

155 N Market Ste 700
Wichita, KS 67202

Malone 5-21

Job Ticket: 59753

DST#: 4

ATTN: Ken LeBlanc

Test Start: 2015.02.16 @ 19:55:46

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:16:31

Time Test Ended: 09:11:46

Test Type: Conventional Bottom Hole (Reset)

Tester: Leal Cason

Unit No: 74

Interval: 5120.00 ft (KB) To 5130.00 ft (KB) (TVD)

Reference Elevations: 2444.00 ft (KB)

Total Depth: 5130.00 ft (KB) (TVD)

2432.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 12.00 ft

Serial #: 6798

Inside

Press@RunDepth: 117.88 psig @ 5121.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.02.16

End Date:

2015.02.17

Last Calib.:

2015.02.17

Start Time: 19:55:47

End Time:

09:11:46

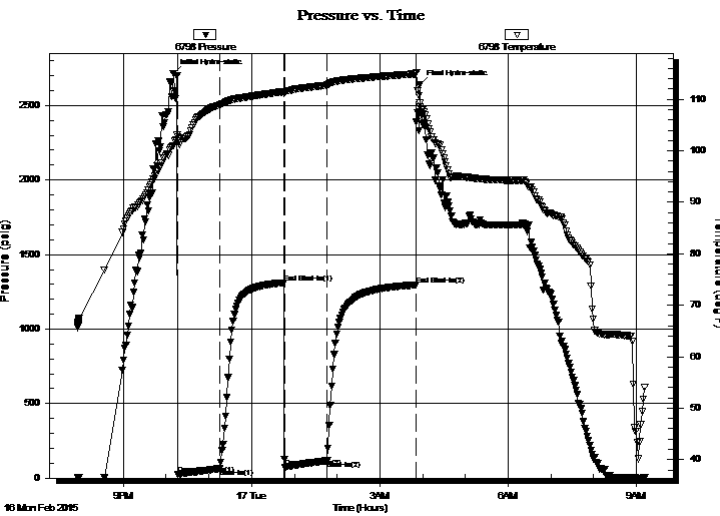
Time On Btm:

2015.02.16 @ 22:10:01

Time Off Btm:

2015.02.17 @ 03:55:46

TEST COMMENT: IF: Weak Blow , BOB in 26 minutes
IS: No Blow Back
FF: Strong Blow , BOB in 1 minute
FS: 3 inch Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2715.92	101.00	Initial Hydro-static
7	23.45	102.69	Open To Flow (1)
66	64.06	108.91	Shut-In(1)
156	1311.20	111.47	End Shut-In(1)
157	69.97	111.38	Open To Flow (2)
216	117.88	112.73	Shut-In(2)
341	1296.74	114.94	End Shut-In(2)
346	2640.83	109.28	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	4556 GIP	0.00
62.00	GSY OMCW 20%G 2%O 24%M 54%W	0.87
174.00	GSY MWCO 24%G 14%M 30%W 32%O	2.44

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Vincent Oil Corporation

21-28S-23W Ford

155 N Market Ste 700
Wichita, KS 67202

Malone 5-21

Job Ticket: 59753

DST#: 4

ATTN: Ken LeBlanc

Test Start: 2015.02.16 @ 19:55:46

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 48.00 sec/qt
Water Loss: 8.77 in³
Resistivity: ohm.m
Salinity: 9000.00 ppm
Filter Cake: 0.02 inches

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

Oil API: deg API
Water Salinity: 60000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	4556 GIP	0.000
62.00	GSY OMCW 20%G 2%O 24%M 54%W	0.870
174.00	GSY MWCO 24%G 14%M 30%W 32%O	2.441

Total Length: 236.00 ft Total Volume: 3.311 bbl

Num Fluid Samples: 0

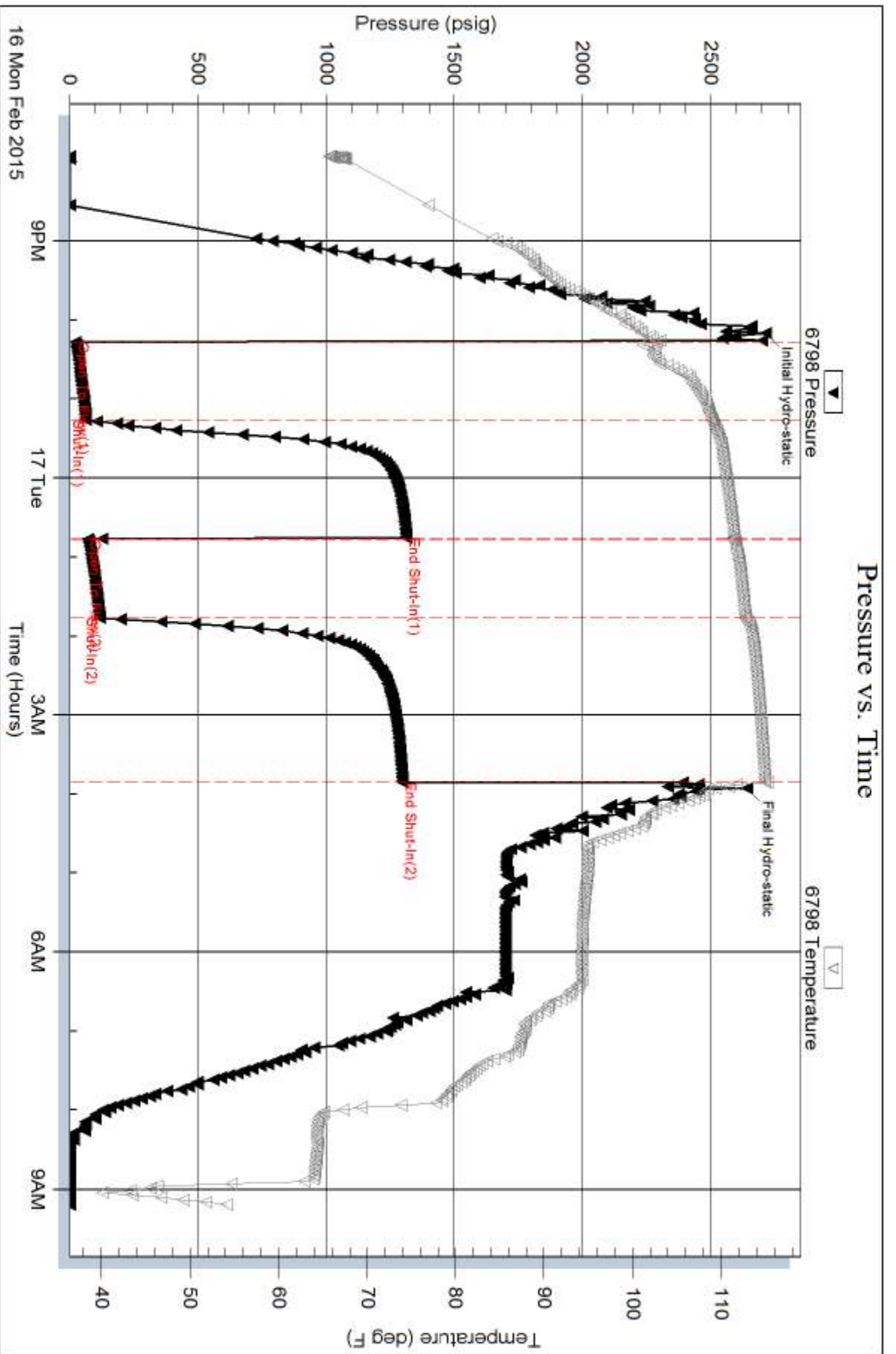
Num Gas Bombs: 0

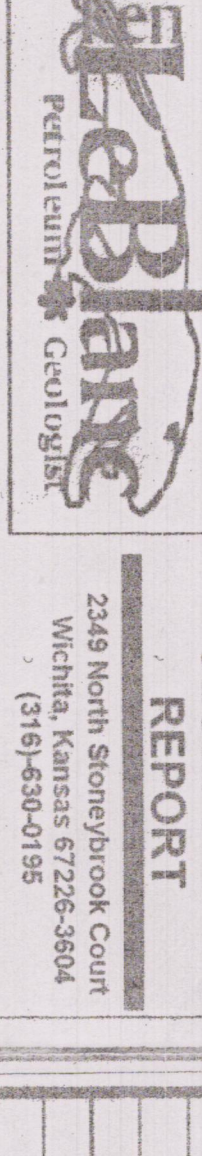
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW w as .25@ 36 degrees





GEOLOGICAL REPORT

2324 North, Shawnee, Oklahoma
313-930-1815

COMPANY: VINCENT OIL CORP (5054)
LEASE: MAJOR 5.21
SECTION: 21 TOWNSHIP: 28S RANGE: 23W

LOCATION: 1030 S.W. 25th Well
ELEVATIONS: 2424 FEET
APRIL-SEP-2016

COUNTY: FOED STATE: KANSAS
CONTRACTOR: JAMES DOLA INC. (5052)
COMPLETED DRILLING: FEBRUARY 15, 2015

COMPLETED DRILLING: FEBRUARY 15, 2015
CUMULATIVE DEPTH: 5250 FEET
CUMULATIVE TIME: 3900.27 HOURS

DEPTH: 4100 FEET TO 5250 FEET
CAMPERS EXAMINED FROM: 4100 FEET TO 5250 FEET
CAMPERS EXAMINED FROM: 4100 FEET TO 5250 FEET

DRILLING TIME KEPT FROM: 4100 FEET TO 5250 FEET
CAMPERS EXAMINED FROM: 4100 FEET TO 5250 FEET
CAMPERS EXAMINED FROM: 4100 FEET TO 5250 FEET

DRILLING TIME KEPT FROM: 4100 FEET TO 5250 FEET
CAMPERS EXAMINED FROM: 4100 FEET TO 5250 FEET
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DRILLING TIME KEPT FROM: 4100 FEET TO 5250 FEET
CAMPERS EXAMINED FROM: 4100 FEET TO 5250 FEET
CAMPERS EXAMINED FROM: 4100 FEET TO 5250 FEET

Remarks:

AS AN IN-FILL DEVELOPMENT WELL ON THE MAJOR 5.21 PASSENET 100 FT PLUS WITHIN THE MISS FOUN (4) DIST WIDE - FATHER CONTING SIGNIFICANT SAMPLING - THIS IS MAY BE EVALUATED FOR COMMERCIAL FEASIBILITY THROUGH "GAS"

Ken LeBlond
Bitter Root
134 W. 1st St. Suite 100
Billings, MT 59101

Daily Penetration
Date Depth
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12-31-15 1415

Formation Tops

Table with 4 columns: Sample, Sample Top, Electric Top, Subsea Datum. Rows include: Base 500' C&S, HERRICK SHALE, BAY LS, LANSING, LANSING, BKC, PAWNEE, CHADDOCK SHALE, B/VENUS LS, RFD LAND, 5250, 5082, 5084, 5086, 5088, 5090, 5092, 5094, 5096, 5098, 5100, 5102, 5104, 5106, 5108, 5110, 5112, 5114, 5116, 5118, 5120, 5122, 5124, 5126, 5128, 5130, 5132, 5134, 5136, 5138, 5140, 5142, 5144, 5146, 5148, 5150, 5152, 5154, 5156, 5158, 5160, 5162, 5164, 5166, 5168, 5170, 5172, 5174, 5176, 5178, 5180, 5182, 5184, 5186, 5188, 5190, 5192, 5194, 5196, 5198, 5200, 5202, 5204, 5206, 5208, 5210, 5212, 5214, 5216, 5218, 5220, 5222, 5224, 5226, 5228, 5230, 5232, 5234, 5236, 5238, 5240, 5242, 5244, 5246, 5248, 5250.

LEGEND

Legend table with 4 columns: SANDSTONE, LIMESTONE, CHERT, CARB. SH./COAL, SILTSTONE, DOLOMITE, GRANITE WASH, CONGLOMERATE, SHALE, ANHYDRITE/GYPSUM, GRANITE, OOLITIC/OOLMOLIC.

FOOD COUNTY, KANSAS

DRILLING RATE MINUTES/FOOT

DEPTH

SAMPLE DESCRIPTIONS

Detailed sample descriptions including lithology, fossil content, and mineralogical observations. Includes terms like 'LS cream-ton in xun', 'shales black', 'dolomite', etc.

HOT WIRE CHROMATOGRAPH

DRILLING RATE MINUTES/FOOT

DEPTH

SAMPLE DESCRIPTIONS

Sample descriptions for DST 1: 4916-4950 (Marathon Sandstone).

HOT WIRE CHROMATOGRAPH

DRILLING RATE MINUTES/FOOT

DEPTH

SAMPLE DESCRIPTIONS

Sample descriptions for DST 2: 5082-5085 (Mississippian Dolomite).

HOT WIRE CHROMATOGRAPH

DRILLING RATE MINUTES/FOOT

DEPTH

SAMPLE DESCRIPTIONS

Sample descriptions for DST 3: 5092-5095 (Mississippian Dolomite).

HOT WIRE CHROMATOGRAPH

DRILLING RATE MINUTES/FOOT

DEPTH

SAMPLE DESCRIPTIONS

Sample descriptions for DST 4: 5120-5130 (Mississippian Dolomite).

HOT WIRE CHROMATOGRAPH

