KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1089894

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 30458
Name: RJM Company
Address 1: PO BOX 256
Address 2:
City: CLAFLIN State: KS Zip: 67525 + 0256
Contact Person: Chris Hoffman
Phone: (620) 786-8744
CONTRACTOR: License # 33905
Name: Royal Drilling Inc
Wellsite Geologist: James C Musgrove
Purchaser: Coffeyville

Designate Type of Completion:

- [x] New Well
- [ ] Re-Entry
- [ ] Workover

- [x] 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
- [ ] Conv. to GSW
- [ ] Plug Back: Plug Back Total Depth
- [ ] Commingled Permit #:
- [ ] Dual Completion Permit #:
- [ ] SWD Permit #:
- [ ] ENHR Permit #:
- [ ] GSW Permit #:

06/12/2012	06/21/2012	07/06/2012
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-009-25701-00-00
Spot Description:
_ - NW - SE - NW Sec. 18 Twp. 19 S. R. 11 [ ] East [x] West
1650 Feet from [x] North / [ ] South Line of Section
1650 Feet from [ ] East / [x] West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- [ ] NE
- [x] NW
- [ ] SE
- [ ] SW

County: Barton
Lease Name: Robl Farms Well #: 1
Field Name:
Producing Formation: Lansing/Arbuckle
Elevation: Ground: 1790 Kelly Bushing: 1799
Total Depth: 3425 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 263 Feet
Multiple Stage Cementing Collar Used? [ ] Yes [x] 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: 86000 ppm Fluid volume: 600 bbls
Dewatering method used: Evaporated

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

- [ ] **Letter of Confidentiality Received**
  Date:
- [ ] **Confidential Release Date:**
- [x] **Wireline Log Received**
- [ ] **Geologist Report Received**
- [ ] **UIC Distribution**

ALT [x] I [ ] II [ ] III **Approved by:** Deanna Garrison **Date:** 09/05/2012

Side Two

1089894

Operator Name: RJM Company Lease Name: Robl Farms Well #: 1

Sec. 18 Twp. 19 S. R. 11 ☐ East ☑ West County: Barton

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

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

Electric Log Submitted Electronically ☑ Yes ☐ No
(If no, Submit Copy)

List All E. Logs Run:
Attached

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

Name	Top	Datum
Toronto	-1169	KB
Lansing	-1284	KB
Arbuckle	-1559	KB

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	12.25	8.60	20	263	Common	180	3% cc 2% gel
Production	7.75	5.50	15.50	3424	Common	180	10% salt 5% gilsonite 500 gal mud clea

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:
☐ Perforate
☐ Protect Casing
☐ Plug Back TD
☐ Plug Off Zone

Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
-			
-			

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
6	3086-3096	1000 gal 15% acid	
6	3108-3116	1000 gal 15% acid	
6	3356 - 3372	750 gal 28% acid	

TUBING RECORD: Size: 2 7/8 Set At: 3400 Packer At:

Liner Run: ☐ Yes ☑ No

Date of First, Resumed Production, SWD or ENHR. 07/08/2012

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

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	102		0		40

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:

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	RJM Company
Well Name	Robl Farms 1
Doc ID	1089894

All Electric Logs Run

Dual induction
Dual compensated
porosity
micro and sonic

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025 Home Office P.O. Box 32 Russell, KS 67665 No. 446

Cell 785-324-1041

Date	Sec.	Twp.	Range	County	State	On Location	Finish
6-21-12	18	19	11	Barton	Ks		2:00 PM

Lease Robb Farms Well No. #1 Location Ellinwood, Ks - West side, 2½ N, E/S

Contractor Southwind #4

Type Job Production

Hole Size 7 7/8" T.D. 3425'

Csg. 5½" 15.50# New Depth 3425.76'

Tbg. Size Depth

Tool Depth

Cement Left in Csg. 22.56' Shoe Joint 22.56'

Meas Line Displace 81 BLS

Owner

To Quality Oilwell Cementing, Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Charge To RJM Company

Street

City State

The above was done to satisfaction and supervision of owner agent or contractor.

Cement Amount Ordered 180 sx Common 10% Salt 5% Gilsonite - 500 gal mud Clear 48

EQUIPMENT

Pumptrk 9	No.	Cementer Helper	Matt
Bulktrk 8	No.	Driver Driver	Lonnie
~~Bulktrk~~ P.U.	No.	Driver Driver	Rick

JOB SERVICES & REMARKS

Remarks:

Rat Hole 30 sx

Mouse Hole N/A

Centralizers 1-9

Baskets 2, 5

D/V or Port Collar

Pipe on bottom, break Circulation, pump 500 gal mud Clear 48, plug Rathole w/ 30 sx, Hook to 5½" Casing + mix 150 sx Common 10% Salt 5% Gilsonite, shut down wash pump + lines, Released plug + Displaced with 81 BLS of water. Released + held, Lift pressure 650 #, Land plug to 1100 #

Common	
Poz. Mix	
Gel.	
Calcium	
Hulls	
Salt	16
Flowseal	
Kol-Seal	900#
Mud CLR 48	500 gal
CFL-117 or CD110 CAF 38	
Sand	
Handling	
Mileage	

FLOAT EQUIPMENT

Guide Shoe	1
Centralizer	9 turbo's
Baskets	2
AFU Inserts	1
Float Shoe	
Latch Down	

1 - Rubber plug
1 - Rotating head Assy

Pumptrk Charge	prod Long String
Mileage	16
Tax	
Discount	
Total Charge	

X Signature Robert Henderson

GENERAL TERMS AND CONDITIONS

DEFINITIONS: In these terms and conditions, "Quality" shall mean Quality Oilwell Cementing, Inc., and "Customer" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

– TERMS: Unless satisfactory credit has been established, "CUSTOMER" must tender full cash payment to "QUALITY" before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, "CUSTOMER" agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing in no event shall this Contract provide for interest exceeding the maximum rate of interest that "CUSTOMER" may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the "CUSTOMER" or at the option of "QUALITY," refunded directly to "CUSTOMER." For purposes of this paragraph, QUALITY and CUSTOMER agree that KANSAS law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

– ATTORNEY FEES: In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the term of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limit to, a reasonable sum as and attorney's fees.

– PRICES AND TAXES: All merchandise listed in "QUALITY'S" current price shall schedule are F.O.B. QUALITY'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by QUALITY shall be added to the quoted prices charged to CUSTOMER.

– TOWING CHARGES: QUALITY will make a reasonable attempt to get to and from each job site using its own equipment. Should QUALITY be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by QUALITY, will be charged to and paid by CUSTOMER.

– PREPARATION CHARGES: If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay QUALITY for the expenses incurred by QUALITY as a result of the cancellation.

– DEADHAUL, CHARGES: Unless otherwise specified on the front of this Contract, a deadhaul charges as set forth in QUALITY'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.

– SERVICE CONDITIONS AND LIABILITIES: 1. QUALITY carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond QUALITY'S control, QUALITY shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. Customer shall be responsible for and indemnify, defend, and hold harmless QUALITY, its officers, agents and employees, from and against any and all claims or suits for:

(A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:

(B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with QUALITY'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of QUALITY or its employees.

2. With respect to any of QUALITY'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to QUALITY at the landing, CUSTOMER shall either recover the lost item without cost to QUALITY or reimburse QUALITY the current replacement cost of the item unless the loss or damage results from the sole negligence of QUALITY or its employees.

3. QUALITY does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

WARRANTIES: 1. QUALITY warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. QUALITY'S obligation under this warranty is expressly limited to repair replacement, or allowance for credit, at its option, for any merchandise which is determined by QUALITY to be defective. THIS IS THE SOLE WARRANTY OF QUALITY AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and QUALITY shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.

2. More specifically:

(A) Nothing in this contract shall be constructed as a warranty by QUALITY of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.

(B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by QUALITY or any interpretation of test, meter readings, chart information, analysis or research, or recommendations made by QUALITY, unless the inaccuracy or incorrectness is caused by the willful misconduct or gross negligence of QUALITY or its employees in the preparation or furnishing of such facts, information or data. (C) Work done by QUALITY shall be under the direct supervision and control of the CUSTOMER or his agent and QUALITY will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 4609

Date	Sec.	Twp.	Range	County	State	On Location	Finish
6-12-12	18	19	11	Barton	KS		7:00pm

Lease Bobl Farms Well No. #1 Location Ellinwood 3N E into

Contractor

Type Job Surface

Hole Size 12 1/4 T.D. 263

Csg. 8 5/8 Depth 263

Tbg. Size Depth

Tool Depth

Cement Left in Csg. 15ft Shoe Joint 15ft

Meas Line Displace 15 3/4 B

Owner RJM Company

To Quality Oilwell Cementing, Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Charge To RJM Company

Street PO Box 256

City Chaffin State KS

The above was done to satisfaction and supervision of owner agent or contractor.

Cement Amount Ordered 200 3% CC 2% Gel

EQUIPMENT

Pumptrk #15	No.	Cementer	
		Helper	Matt
Bulktrk #14	No.	Driver	
		Driver	Doug
~~Bulktrk~~ PU	No.	Driver	
		Driver	Rick

JOB SERVICES & REMARKS

Remarks:

Rat Hole

Mouse Hole

Centralizers

Baskets

D/V or Port Collar

Cement did circulate

Common	180
Poz. Mix	
Gel.	3
Calcium	6
Hulls	
Salt	
Flowseal	
Kol-Seal	
Mud CLR 48	
CFL-117 or CD110 CAF 38	
Sand	
Handling	189
Mileage	

FLOAT EQUIPMENT

Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	
	Wood plug
Pumptrk Charge	Surface
Mileage	16
Tax	
Discount	
Total Charge	

x Signature Robert Stevenson

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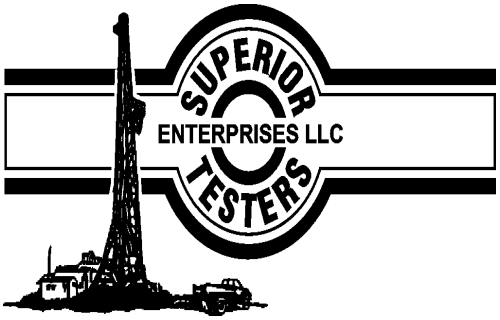


DRILL STEM TEST REPORT

Prepared For: **RJM Company**

Po Box 256 Claflin Kansas 67525

ATTN: Jim Musgrove

Robl Farms #1

18-19s-11w

Start Date: 2012.06.16 @ 04:07:00

End Date: 2012.06.16 @ 10:38:30

Job Ticket #: 17683 DST #: 1

Superior Testers Enterprises LLC

PO Box 138 Great Bend KS 67530

1-800-792-6902

Printed: 2012.06.19 @ 22:50:08

DRILL STEM TEST REPORT

RJM Company

Po Box 256 Claflin Kansas 67525

ATTN: Jim Musgrove

18-19s-11w

Robl Farms #1

Job Ticket: 17683 **DST#: 1**

Test Start: 2012.06.16 @ 04:07:00

GENERAL INFORMATION:

Formation: **Kansas City**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 05:48:30
Time Test Ended: 10:38:30

Test Type: Conventional Bottom Hole (Initial)
Tester: Dustin Ellis
Unit No: 3315-Great Bend-30

Interval: 3068.00 ft (KB) To 3120.00 ft (KB) (TVD)
Total Depth: 3120.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

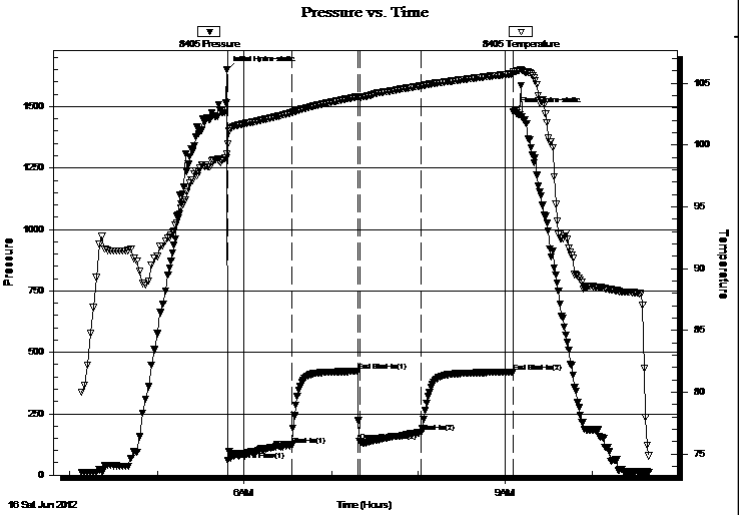
Reference Elevations: 1799.00 ft (KB)
1792.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 8405 **Outside**

Press@RunDepth: 173.72 psig @ 3117.22 ft (KB)
Start Date: 2012.06.16 End Date: 2012.06.16
Start Time: 04:08:00 End Time: 10:38:30

Capacity: 5000.00 psig
Last Calib.: 2012.06.16
Time On Btm: 2012.06.16 @ 05:48:00
Time Off Btm: 2012.06.16 @ 09:05:30

TEST COMMENT: 1st Open 45 minutes Fair building blow built to bottom bucket 7 minutes
1st Shut in 45 minutes Yes blow back
2nd Open 45 minutes Strong blow blew bottom bucket instantly.
2nd Shut in 60 minutes Yes blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1648.26	99.26	Initial Hydro-static
1	59.45	100.06	Open To Flow (1)
46	122.85	102.63	Shut-In(1)
90	422.15	103.91	End Shut-In(1)
92	136.99	103.88	Open To Flow (2)
134	173.72	104.79	Shut-In(2)
197	418.95	105.77	End Shut-In(2)
198	1478.70	105.97	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
72.00	Oil cut mud Oil 10% Mud 90%	0.35
72.00	Gassy oil cut mud	0.35
0.00	Gas 70% Oil 25% Mud 5%	0.00
72.00	Oil 75%gas Gas 75% Oil 25%	0.88
72.00	Oil cut mud 90%Oil 10%Mud	1.01
72.00	Oil Pluse gas Gas70% Oil30%	1.01

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (m³/d)
First Gas Rate	0.13		
Last Gas Rate	0.25		

DRILL STEM TEST REPORT

RJM Company

Po Box 256 Claflin Kansas 67525

ATTN: Jim Musgrove

18-19s-11w

Robl Farms #1

Job Ticket: 17683 **DST#: 1**

Test Start: 2012.06.16 @ 04:07:00

GENERAL INFORMATION:

Formation: **Kansas City**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 05:48:30
Time Test Ended: 10:38:30

Test Type: Conventional Bottom Hole (Initial)
Tester: Dustin Ellis
Unit No: 3315-Great Bend-30

Interval: 3068.00 ft (KB) To 3120.00 ft (KB) (TVD)
Total Depth: 3120.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

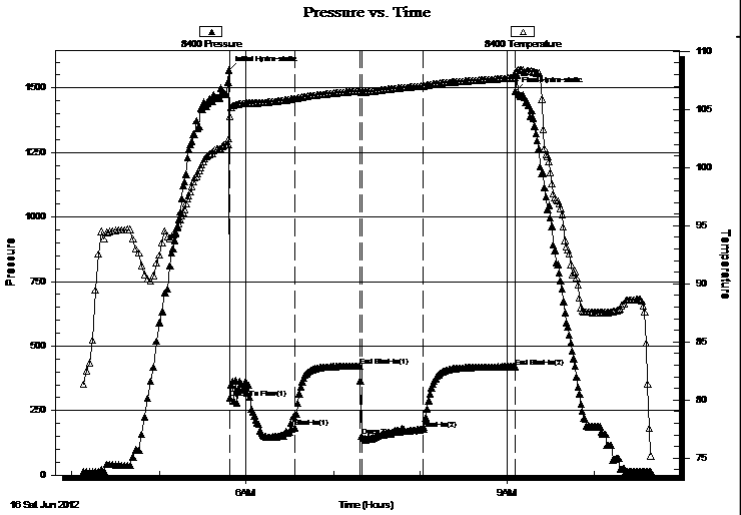
Reference Elevations: 1799.00 ft (KB)
1792.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 8400 **Inside**

Press@RunDepth: 420.25 psig @ 3116.22 ft (KB)
Start Date: 2012.06.16 End Date: 2012.06.16
Start Time: 04:08:00 End Time: 10:39:00

Capacity: 5000.00 psig
Last Calib.: 2012.06.16
Time On Btm: 2012.06.16 @ 05:48:00
Time Off Btm: 2012.06.16 @ 09:05:30

TEST COMMENT: 1st Open 45 minutes Fair building blow built to bottom bucket 7 minutes
1st Shut in 45 minutes Yes blow back
2nd Open 45 minutes Strong blow blew bottom bucket instantly.
2nd Shut in 60 minutes Yes blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1568.76	102.48	Initial Hydro-static
1	299.33	104.42	Open To Flow (1)
46	183.80	105.91	Shut-In(1)
90	422.73	106.58	End Shut-In(1)
92	149.39	106.48	Open To Flow (2)
134	179.36	107.02	Shut-In(2)
197	420.25	107.72	End Shut-In(2)
198	1485.95	108.20	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
72.00	Oil cut mud Oil 10% Mud 90%	0.35
72.00	Gassy oil cut mud	0.35
0.00	Gas 70% Oil 25% Mud 5%	0.00
72.00	Oil 75%gas Gas 75% Oil 25%	0.88
72.00	Oil cut mud 90%Oil 10%Mud	1.01
72.00	Oil Pluse gas Gas70% Oil30%	1.01

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (m³/d)
First Gas Rate	0.13		
Last Gas Rate	0.25		

DRILL STEM TEST REPORT

TOOL DIAGRAM

RJM Company

Po Box 256 Claflin Kansas 67525

ATTN: Jim Musgrove

18-19s-11w

Robl Farms #1

Job Ticket: 17683 **DST#: 1**

Test Start: 2012.06.16 @ 04:07:00

Tool Information

Drill Pipe:	Length:	2897.00 ft	Diameter:	3.80	inches	Volume:	40.64	bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00	inches	Volume:	0.00	bbl	
Drill Collar:	Length:	158.79 ft	Diameter:	2.25	inches	Volume:	0.78	bbl	
						Total Volume:	41.42	bbl	

Drill Pipe Above KB:	7.79 ft
Depth to Top Packer:	3068.00 ft
Depth to Bottom Packer:	ft
Interval between Packers:	52.22 ft
Tool Length:	72.22 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	2000.00 lb
Weight set on Packer:	20000.00 lb
Weight to Pull Loose:	64000.00 lb
Tool Chased	6.00 ft
String Weight: Initial	40000.00 lb
Final	40000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut-In Tool	5.00			3053.00		
Hydrolic Tool	5.00			3058.00		
Packer	5.00			3063.00	20.00	Bottom Of Top Packer
Packer	5.00			3068.00		
Perforations	0.00			3068.00		
Change Over Sub	0.75			3068.75		
Drill Pipe	31.72			3100.47		
Change Over Sub	0.75			3101.22		
Perforations	14.00			3115.22		
Recorder	1.00	8400	Inside	3116.22		
Recorder	1.00	8405	Outside	3117.22		
Bull Plug	3.00			3120.22	52.22	Bottom Packers & Anchor
Total Tool Length:	**72.22**					

DRILL STEM TEST REPORT

FLUID SUMMARY

RJM Company

Po Box 256 Claflin Kansas 67525

ATTN: Jim Musgrove

18-19s-11w

Robl Farms #1

Job Ticket: 17683 **DST#: 1**

Test Start: 2012.06.16 @ 04:07:00

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:	8.79 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	6000.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
72.00	Oil cut mud Oil 10% Mud 90%	0.354
72.00	Gassy oil cut mud	0.354
0.00	Gas 70% Oil 25% Mud 5%	0.000
72.00	Oil 75%gas Gas 75% Oil 25%	0.875
72.00	Oil cut mud 90%Oil 10%Mud	1.010
72.00	Oil Pluse gas Gas70% Oil30%	1.010

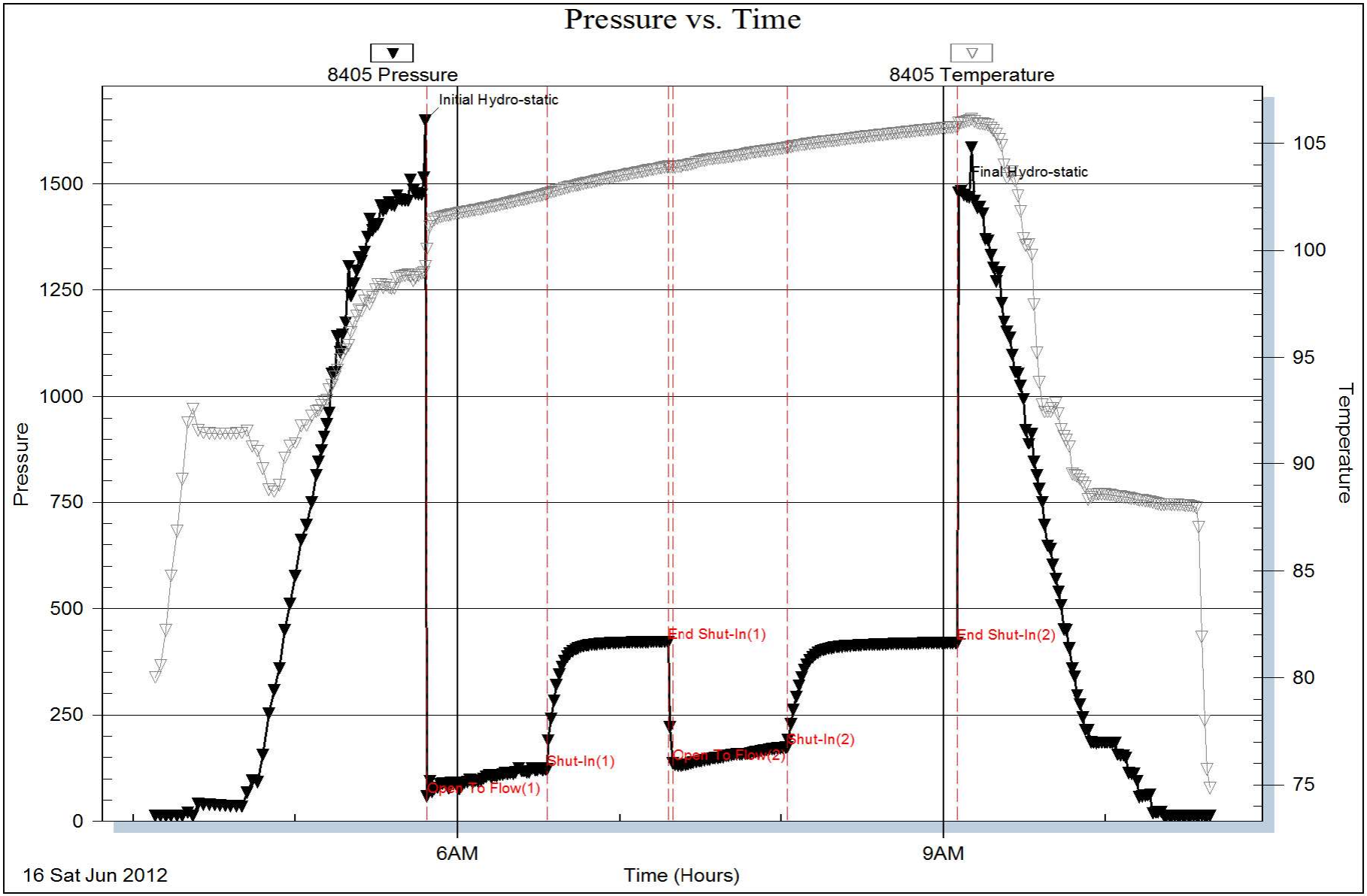
Total Length: 360.00 ft Total Volume: 3.603 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

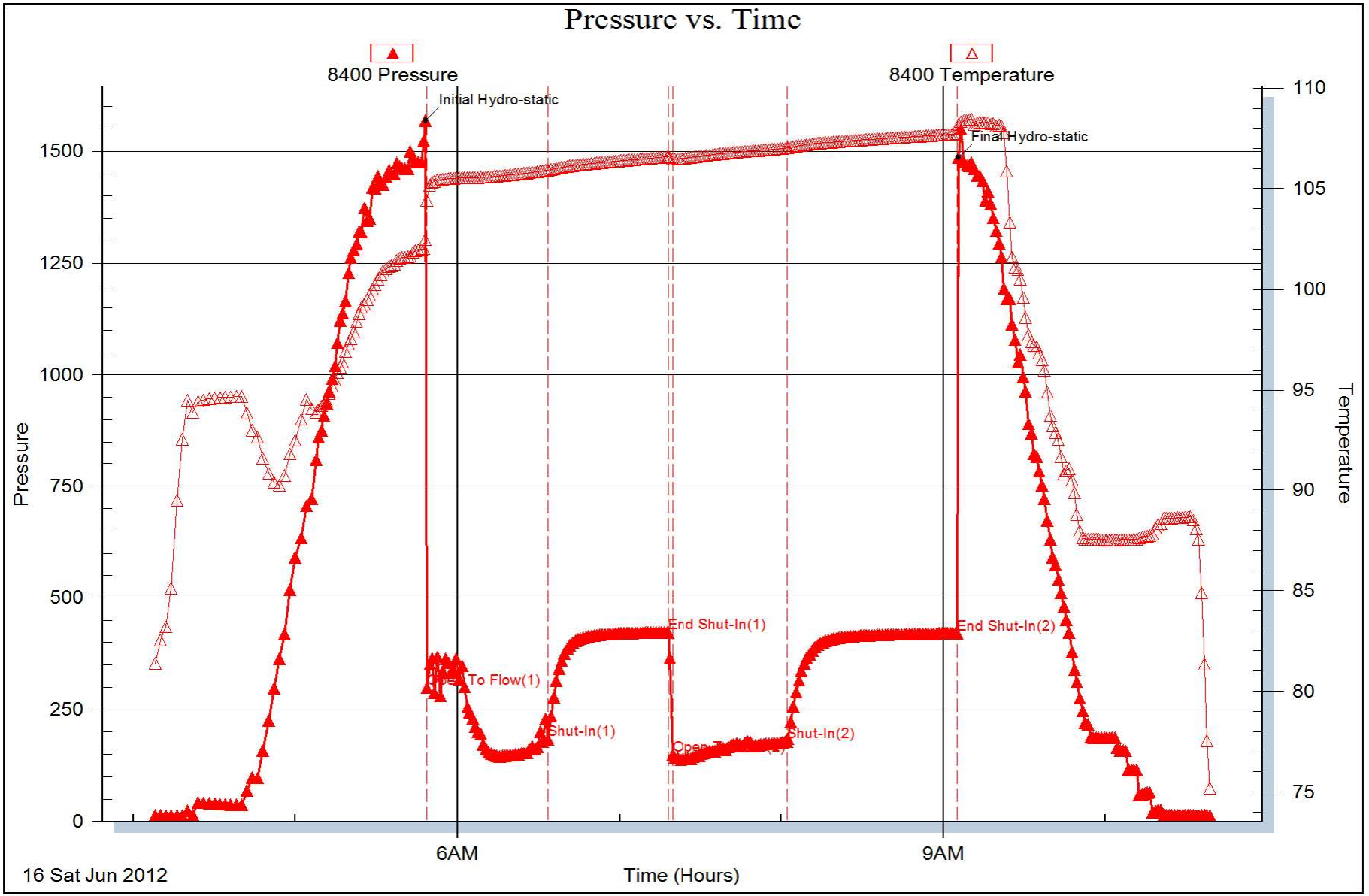
Recovery Comments:

Serial #: 8405 **Outside** RJM Company Robl Farms #1 DST Test Number: 1

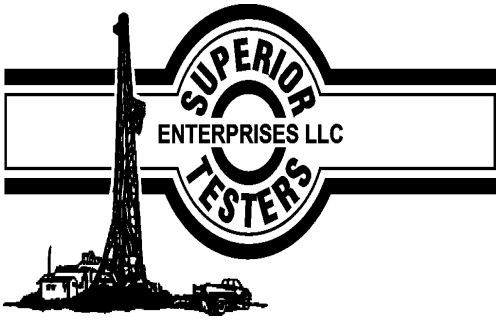


Superior Testers Enterprises LLC Ref. No: 17683 Printed: 2012.06.19 @ 22:50:09

Serial #: 8400 **Inside** RJM Company Robl Farms #1 DST Test Number: 1



Superior Testers Enterprises LLC Ref. No: 17683 Printed: 2012.06.19 @ 22:50:09



DRILL STEM TEST REPORT

Prepared For: **RJM Company**

Po Box 256 Claflin Kansas 67525

ATTN: Jim Musgrove

Robl Farms #1

18-19s-11w

Start Date: 2012.06.17 @ 08:16:00

End Date: 2012.06.17 @ 15:07:30

Job Ticket #: 17684 DST #: 2

Superior Testers Enterprises LLC

PO Box 138 Great Bend KS 67530

1-800-792-6902

Printed: 2012.06.19 @ 22:52:07

DRILL STEM TEST REPORT

RJM Company

Po Box 256 Claflin Kansas 67525

ATTN: Jim Musgrove

18-19s-11w

Robl Farms #1

Job Ticket: 17684 **DST#: 2**

Test Start: 2012.06.17 @ 08:16:00

GENERAL INFORMATION:

Formation: **Lancing F**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 09:54:00
Time Test Ended: 15:07:30

Test Type: Conventional Bottom Hole (Initial)
Tester: Dustin Ellis
Unit No: 3315-GB-30

Interval: 3125.00 ft (KB) To 3160.00 ft (KB) (TVD)
Total Depth: 3160.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

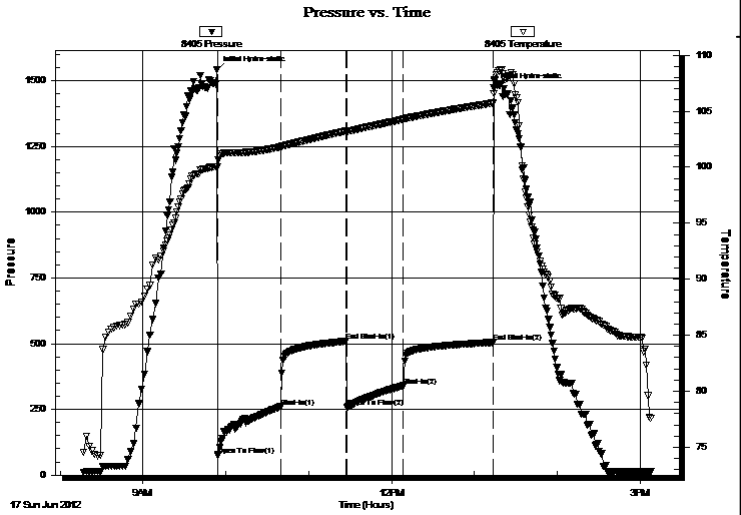
Reference Elevations: 1799.00 ft (KB)
1792.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 8405 **Inside**

Press@RunDepth: 340.33 psig @ 3156.00 ft (KB)
Start Date: 2012.06.17 End Date: 2012.06.17
Start Time: 08:17:00 End Time: 15:07:30

Capacity: 5000.00 psig
Last Calib.: 2012.06.17
Time On Btm: 2012.06.17 @ 09:53:30
Time Off Btm: 2012.06.17 @ 13:14:00

TEST COMMENT: 1st Open 45 minutes Strong blow built to bottom bucket 5 minutes
1st Shut in 45 minutes Yes blow back
2nd Open 45 minutes Strong blow bottom bucket 20 minutes .
2nd Shut in 60 minutes Yes blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1540.14	100.05	Initial Hydro-static
1	75.19	100.01	Open To Flow (1)
46	259.78	101.82	Shut-In(1)
94	508.65	103.22	End Shut-In(1)
94	259.31	103.20	Open To Flow (2)
135	340.33	104.28	Shut-In(2)
200	504.75	105.73	End Shut-In(2)
201	1472.08	106.57	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
244.00	Oil cut muddy w ater	1.98
0.00	Oil 5%Mud 40% Water 30%	0.00
244.00	Oil&Gas cut muddy w ater	3.42
0.00	Gas 5% Oil 10% Mud 40% Water 30%	0.00
238.00	Oil &Gas cut w ater	3.34
0.00	Gas 5% Oil 10% Water 85%	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (m³/d)

DRILL STEM TEST REPORT

RJM Company

Po Box 256 Claflin Kansas 67525

ATTN: Jim Musgrove

18-19s-11w

Robl Farms #1

Job Ticket: 17684 **DST#: 2**

Test Start: 2012.06.17 @ 08:16:00

GENERAL INFORMATION:

Formation: **Lancing F**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 09:54:00
Time Test Ended: 15:07:30

Test Type: Conventional Bottom Hole (Initial)
Tester: Dustin Ellis
Unit No: 3315-GB-30

Interval: 3125.00 ft (KB) To 3160.00 ft (KB) (TVD)
Total Depth: 3160.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

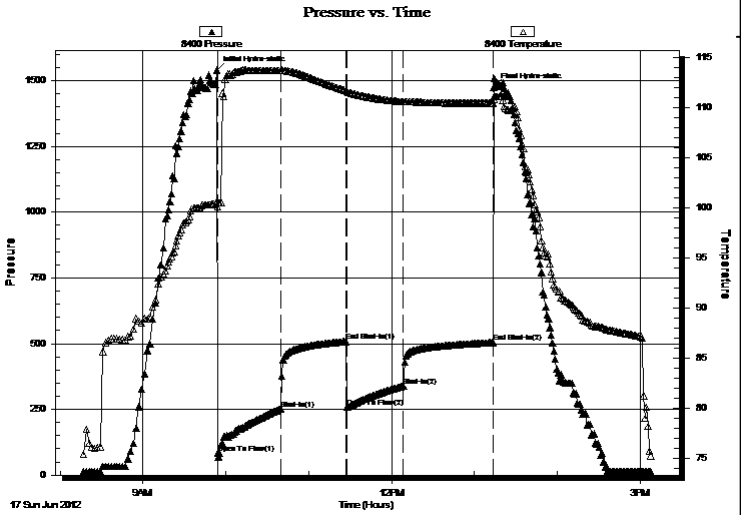
Reference Elevations: 1799.00 ft (KB)
1792.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 8400 **Outside**

Press@RunDepth: 504.20 psig @ 3127.56 ft (KB)
Start Date: 2012.06.17 End Date: 2012.06.17
Start Time: 08:17:00 End Time: 15:07:30

Capacity: 5000.00 psig
Last Calib.: 2012.06.17
Time On Btm: 2012.06.17 @ 09:53:30
Time Off Btm: 2012.06.17 @ 13:14:00

TEST COMMENT: 1st Open 45 minutes Strong blow built to bottom bucket 5 minutes
1st Shut in 45 minutes Yes blow back
2nd Open 45 minutes Strong blow bottom bucket 20 minutes .
2nd Shut in 60 minutes Yes blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1539.86	100.50	Initial Hydro-static
1	83.10	100.08	Open To Flow (1)
46	252.29	113.67	Shut-In(1)
94	508.28	111.67	End Shut-In(1)
94	258.31	111.54	Open To Flow (2)
135	339.58	110.55	Shut-In(2)
201	504.20	110.43	End Shut-In(2)
201	1475.26	110.82	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
244.00	Oil cut muddy w ater	1.98
0.00	Oil 5%Mud 40% Water 30%	0.00
244.00	Oil&Gas cut muddy w ater	3.42
0.00	Gas 5% Oil 10% Mud 40% Water 30%	0.00
238.00	Oil &Gas cut w ater	3.34
0.00	Gas 5% Oil 10% Water 85%	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (m³/d)

DRILL STEM TEST REPORT

TOOL DIAGRAM

RJM Company

Po Box 256 Claflin Kansas 67525

ATTN: Jim Musgrove

18-19s-11w

Robl Farms #1

Job Ticket: 17684 **DST#: 2**

Test Start: 2012.06.17 @ 08:16:00

Tool Information

Drill Pipe:	Length:	2959.00 ft	Diameter:	3.80	inches	Volume:	41.51	bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00	inches	Volume:	0.00	bbl	
Drill Collar:	Length:	158.79 ft	Diameter:	2.25	inches	Volume:	0.78	bbl	
						Total Volume:	42.29	bbl	

Drill Pipe Above KB:	12.79 ft
Depth to Top Packer:	3125.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	35.00 ft
Tool Length:	55.00 ft
Number of Packers:	2
Diameter:	6.75 inches

Tool Weight:		2000.00 lb
Weight set on Packer:		20000.00 lb
Weight to Pull Loose:		51000.00 lb
Tool Chased		4.00 ft
String Weight:	Initial	41000.00 lb
	Final	42000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut-In Tool	5.00			3110.00		
Hydrolic Tool	5.00			3115.00		
Packer	5.00			3120.00	20.00	Bottom Of Top Packer
Packer	5.00			3125.00		
Perforations	30.00			3155.00		
Recorder	1.00	8405	Inside	3156.00		
Recorder	1.00	8500	Outside	3157.00		
Bull Plug	3.00			3160.00	35.00	Bottom Packers & Anchor
Total Tool Length:	**55.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

RJM Company

Po Box 256 Claflin Kansas 67525

ATTN: Jim Musgrove

18-19s-11w

Robl Farms #1

Job Ticket: 17684 **DST#: 2**

Test Start: 2012.06.17 @ 08:16:00

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:	8.79 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	6000.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
244.00	Oil cut muddy w ater	1.976
0.00	Oil 5%Mud 40% Water 30%	0.000
244.00	Oil&Gas cut muddy w ater	3.423
0.00	Gas 5% Oil 10% Mud 40% Water 30%	0.000
238.00	Oil &Gas cut w ater	3.339
0.00	Gas 5% Oil 10% Water 85%	0.000

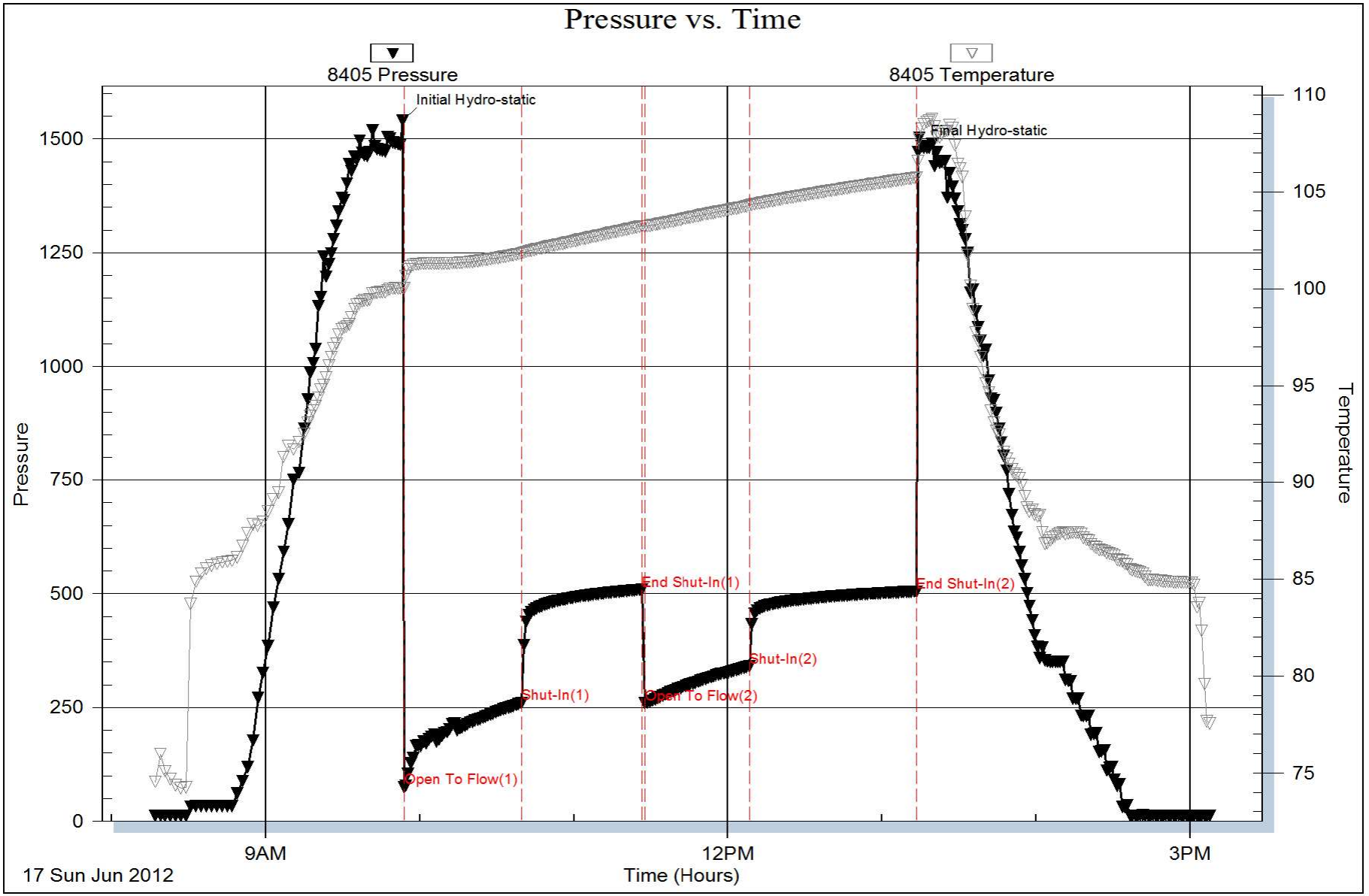
Total Length: 726.00 ft Total Volume: 8.738 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

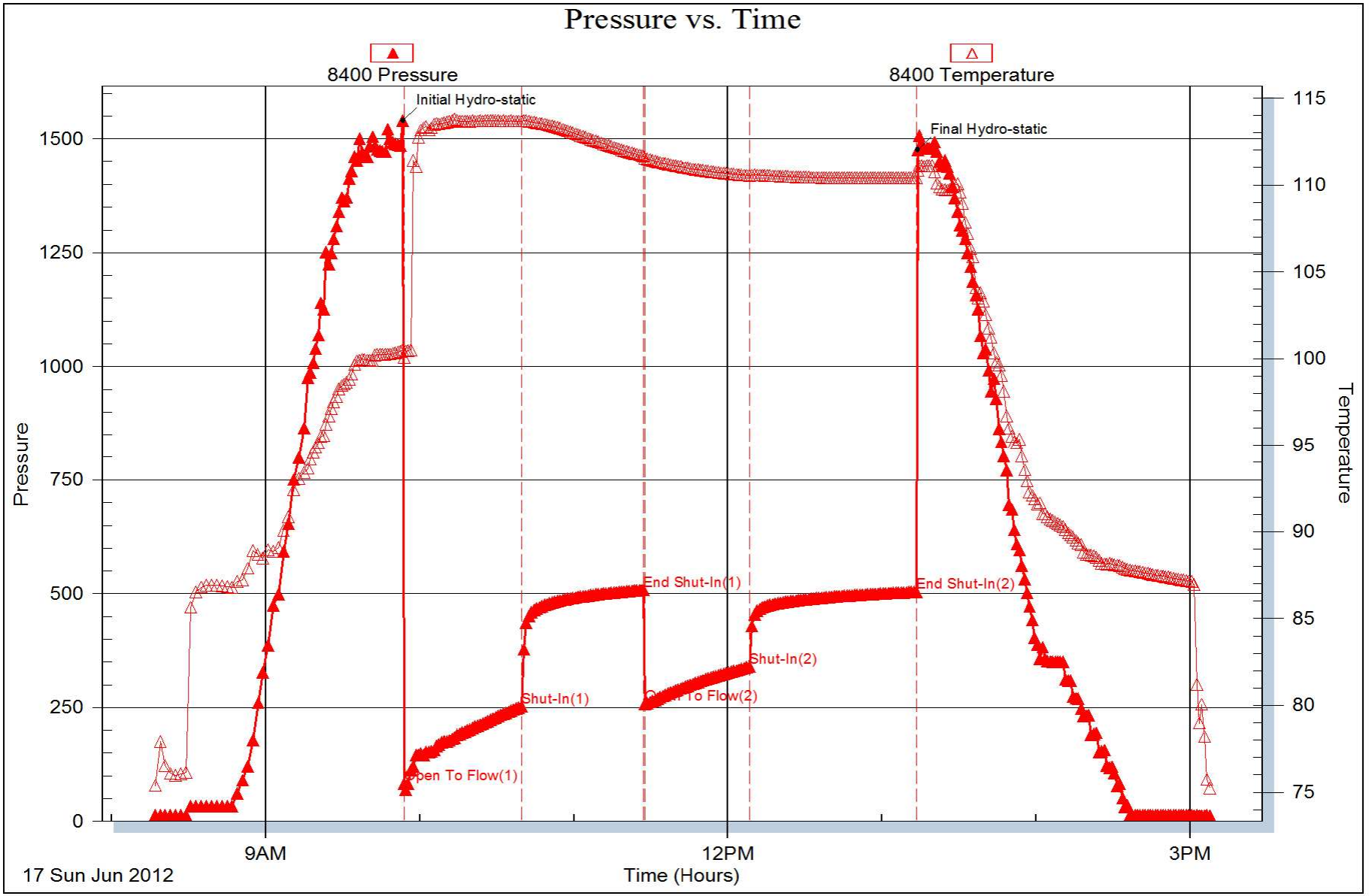
Recovery Comments:

Serial #: 8405 **Inside** RJM Company Robl Farms #1 DST Test Number: 2

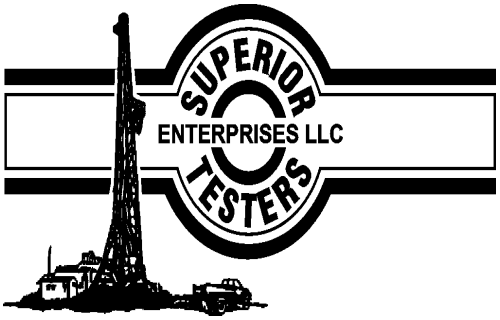


Superior Testers Enterprises LLC Ref. No: 17684 Printed: 2012.06.19 @ 22:52:08

Serial #: 8400 **Outside** RJM Company Robl Farms #1 DST Test Number: 2



Superior Testers Enterprises LLC Ref. No: 17684 Printed: 2012.06.19 @ 22:52:09



DRILL STEM TEST REPORT

Prepared For: **RJM Company**

Po Box 256 Claflin Kansas 67525

ATTN: Jim Musgrove

Robl Farms #1

18-19s-11w

Start Date: 2012.06.16 @ 09:16:00

End Date: 2012.06.16 @ 16:22:30

Job Ticket #: 17685 DST #: 3

Superior Testers Enterprises LLC

PO Box 138 Great Bend KS 67530

1-800-792-6902

Printed: 2012.06.20 @ 13:11:01

DRILL STEM TEST REPORT

RJM Company

Po Box 256 Claflin Kansas 67525

ATTN: Jim Musgrove

18-19s-11w

Robl Farms #1

Job Ticket: 17685 **DST#: 3**

Test Start: 2012.06.16 @ 09:16:00

GENERAL INFORMATION:

Formation: **Lancing G-H**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 10:41:00
Time Test Ended: 16:22:30

Test Type: Conventional Bottom Hole (Initial)
Tester: Dustin Ellis
Unit No: 3315-GB-30

Interval: 3160.00 ft (KB) To 3180.00 ft (KB) (TVD)
Total Depth: 3180.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

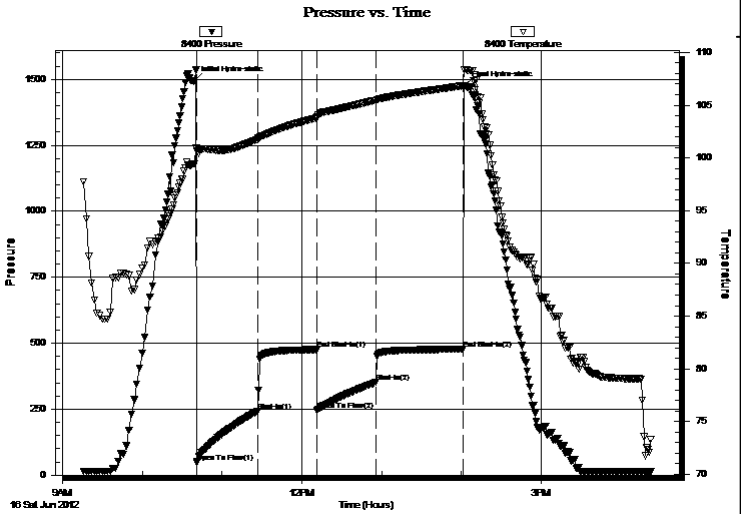
Reference Elevations: 1799.00 ft (KB)
1792.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 8400 **Inside**

Press@RunDepth: 351.17 psig @ 3176.00 ft (KB)
Start Date: 2012.06.16 End Date: 2012.06.16
Start Time: 09:16:00 End Time: 16:22:30

Capacity: 5000.00 psig
Last Calib.: 2012.06.19
Time On Btm: 2012.06.16 @ 10:39:30
Time Off Btm: 2012.06.16 @ 14:02:30

TEST COMMENT: 1st Open 45 minutes Strong building blow blew bottom bucket 7 minutes
1st Shut in 45 minutes No blow back
2nd Open 45 minutes Strong building blow buit to bottom bucket in 13 minutes.
2nd Shut in 60 minutes No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1494.17	99.45	Initial Hydro-static
2	47.59	100.68	Open To Flow (1)
48	243.51	101.79	Shut-In(1)
92	476.20	103.79	End Shut-In(1)
92	247.28	103.88	Open To Flow (2)
136	351.17	105.46	Shut-In(2)
202	476.70	106.84	End Shut-In(2)
204	1475.10	108.39	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
91.00	Oil cut mud 5%oil95%mud	0.45
91.00	Mudy w ater 100%	0.66
549.00	Water 100%	7.70

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (m³/d)

DRILL STEM TEST REPORT

RJM Company

Po Box 256 Claflin Kansas 67525

ATTN: Jim Musgrove

18-19s-11w

Robl Farms #1

Job Ticket: 17685 **DST#: 3**

Test Start: 2012.06.16 @ 09:16:00

GENERAL INFORMATION:

Formation: **Lancing G-H**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 10:41:00
Time Test Ended: 16:22:30

Test Type: Conventional Bottom Hole (Initial)
Tester: Dustin Ellis
Unit No: 3315-GB-30

Interval: 3160.00 ft (KB) To 3180.00 ft (KB) (TVD)
Total Depth: 3180.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

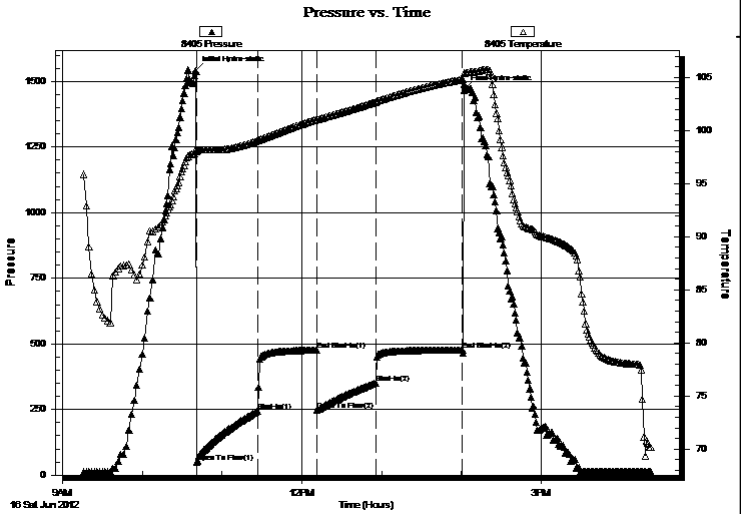
Reference Elevations: 1799.00 ft (KB)
1792.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 8405 **Inside**

Press@RunDepth: 477.32 psig @ 3176.00 ft (KB)
Start Date: 2012.06.16 End Date: 2012.06.16
Start Time: 09:16:00 End Time: 16:23:00

Capacity: 5000.00 psig
Last Calib.: 2012.06.19
Time On Btm: 2012.06.16 @ 10:40:00
Time Off Btm: 2012.06.16 @ 14:02:00

TEST COMMENT: 1st Open 45 minutes Strong building blow blew bottom bucket 7 minutes
1st Shut in 45 minutes No blow back
2nd Open 45 minutes Strong building blow buit to bottom bucket in 13 minutes.
2nd Shut in 60 minutes No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1539.81	98.15	Initial Hydro-static
1	47.99	98.04	Open To Flow (1)
47	243.87	99.04	Shut-In(1)
91	476.32	101.04	End Shut-In(1)
92	247.42	101.01	Open To Flow (2)
136	351.17	102.69	Shut-In(2)
201	477.32	104.81	End Shut-In(2)
202	1466.43	105.33	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
91.00	Oil cut mud 5%oil95%mud	0.45
91.00	Mudy w ater 100%	0.66
549.00	Water 100%	7.70

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (m³/d)

DRILL STEM TEST REPORT

TOOL DIAGRAM

RJM Company

Po Box 256 Claflin Kansas 67525

ATTN: Jim Musgrove

18-19s-11w

Robl Farms #1

Job Ticket: 17685 **DST#: 3**

Test Start: 2012.06.16 @ 09:16:00

Tool Information

Drill Pipe:	Length:	2989.00 ft	Diameter:	3.80	inches	Volume:	41.93	bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00	inches	Volume:	0.00	bbl	
Drill Collar:	Length:	158.79 ft	Diameter:	2.25	inches	Volume:	0.78	bbl	
						Total Volume:	42.71	bbl	

Drill Pipe Above KB:	7.79 ft
Depth to Top Packer:	3160.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	20.00 ft
Tool Length:	40.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	2000.00 lb
Weight set on Packer:	20000.00 lb
Weight to Pull Loose:	64000.00 lb
Tool Chased	3.00 ft
String Weight: Initial	41000.00 lb
Final	42000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut-In Tool	5.00			3145.00		
Hydrolic Tool	5.00			3150.00		
Packer	5.00			3155.00	20.00	Bottom Of Top Packer
Packer	5.00			3160.00		
Perforations	15.00			3175.00		
Recorder	1.00	8400	Inside	3176.00		
Recorder	1.00	8500	Outside	3177.00		
Bull Plug	3.00			3180.00	20.00	Bottom Packers & Anchor
Total Tool Length:	**40.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

RJM Company

Po Box 256 Claflin Kansas 67525

ATTN: Jim Musgrove

18-19s-11w

Robl Farms #1

Job Ticket: 17685 **DST#: 3**

Test Start: 2012.06.16 @ 09:16:00

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:	43.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	14.96 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	10000.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
91.00	Oil cut mud 5%oil95%mud	0.448
91.00	Mudy w ater 100%	0.659
549.00	Water 100%	7.701

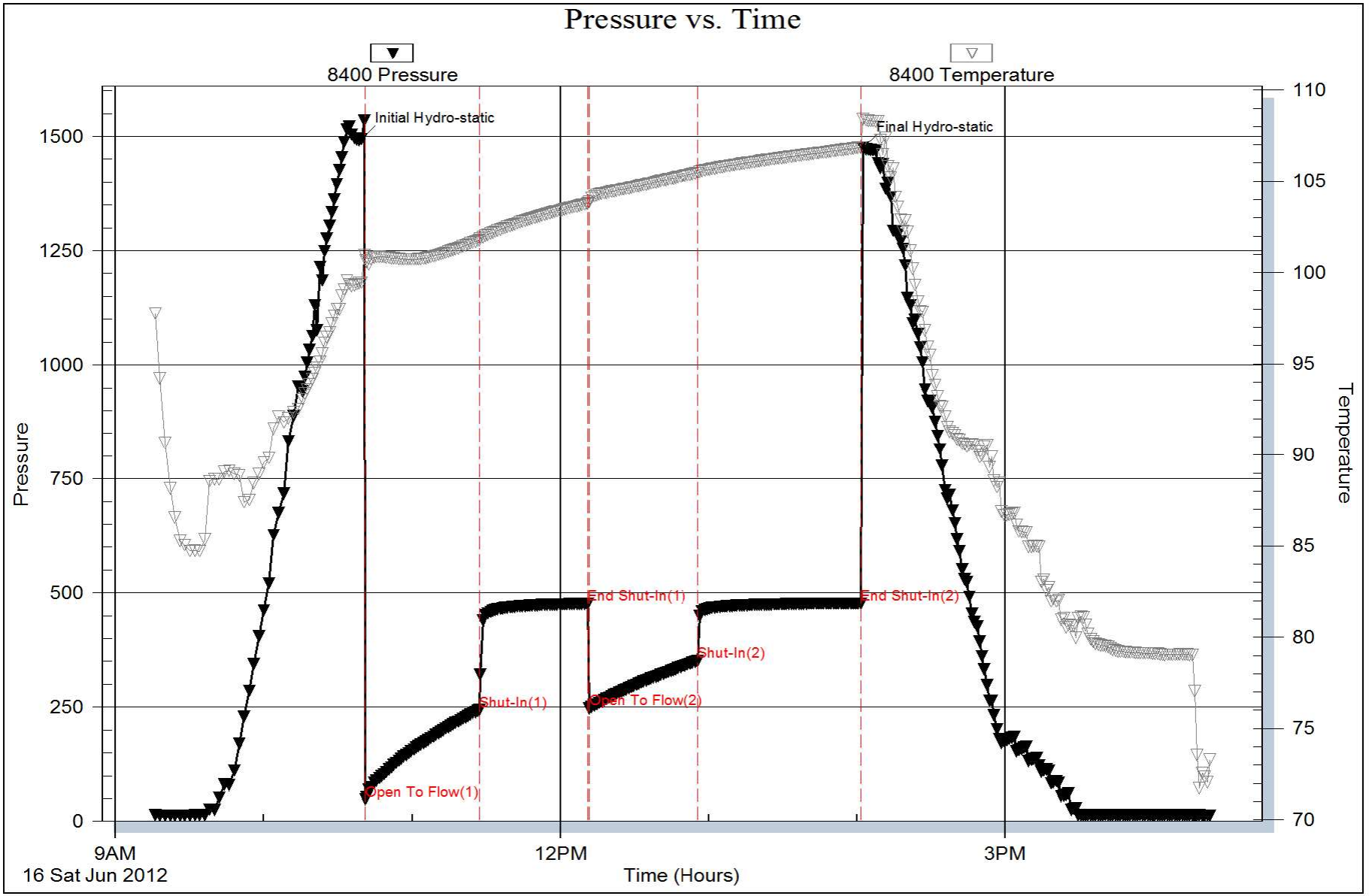
Total Length: 731.00 ft Total Volume: 8.808 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

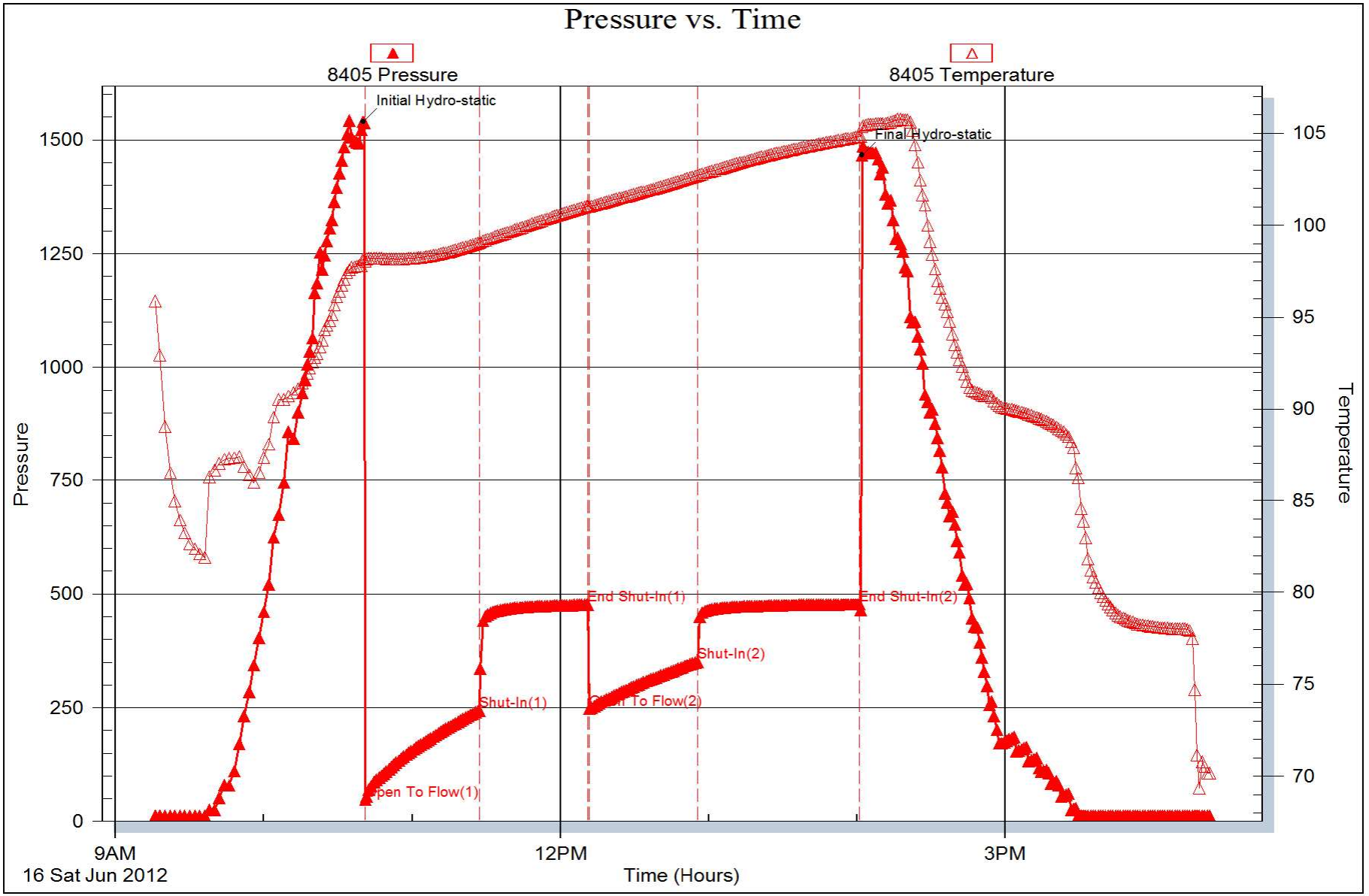
Recovery Comments:

Serial #: 8400 **Inside** RJM Company Robl Farms #1 DST Test Number: 3

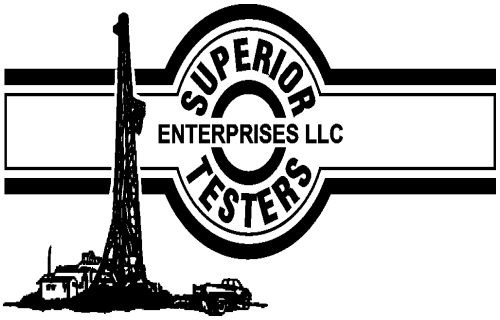


Superior Testers Enterprises LLC Ref. No: 17685 Printed: 2012.06.20 @ 13:11:02

Serial #: 8405 **Inside** RJM Company Robl Farms #1 DST Test Number: 3



Superior Testers Enterprises LLC Ref. No: 17685 Printed: 2012.06.20 @ 13:11:03



DRILL STEM TEST REPORT

Prepared For: **RJM Company**

Po Box 256 Claflin Kansas 67525

ATTN: Jim Musgrove

Robl Farms #1

18-19s-11w

Start Date: 2012.06.18 @ 14:42:00

End Date: 2012.06.18 @ 21:10:30

Job Ticket #: 17686 DST #: 4

Superior Testers Enterprises LLC

PO Box 138 Great Bend KS 67530

1-800-792-6902

Printed: 2012.06.20 @ 13:09:45

DRILL STEM TEST REPORT

RJM Company

Po Box 256 Claflin Kansas 67525

ATTN: Jim Musgrove

18-19s-11w

Robl Farms #1

Job Ticket: 17686 **DST#: 4**

Test Start: 2012.06.18 @ 14:42:00

GENERAL INFORMATION:

Formation: **Lancing J-K**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 16:07:30
Time Test Ended: 21:10:30

Test Type: Conventional Bottom Hole (Initial)
Tester: Dustin Ellis
Unit No: 3315-GB-30

Interval: 3207.00 ft (KB) To 3276.00 ft (KB) (TVD)
Total Depth: 3276.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

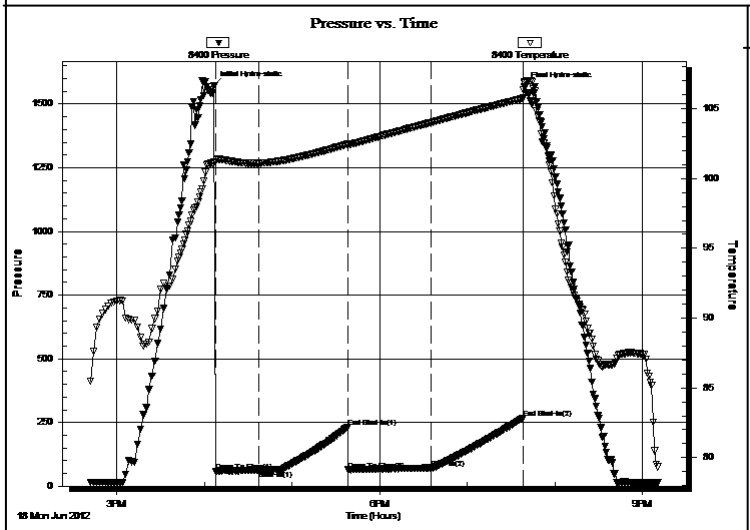
Reference Elevations: 1799.00 ft (KB)
1792.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 8400 **Outside**

Press@RunDepth: 70.53 psig @ 3273.25 ft (KB)
Start Date: 2012.06.18 End Date: 2012.06.18
Start Time: 14:42:00 End Time: 21:10:30

Capacity: 5000.00 psig
Last Calib.: 2012.06.20
Time On Btm: 2012.06.18 @ 16:06:30
Time Off Btm: 2012.06.18 @ 19:39:00

TEST COMMENT: 1st Open 45 minutes Fair building blow blew 4.5 inches.
1st Shut in 45 minutes No blow back
2nd Open 45 minutes Fair building blow reach bottom bucket 43 minutes
2nd Shut in 60 minutes No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1572.70	101.16	Initial Hydro-static
1	57.10	101.20	Open To Flow (1)
31	62.65	101.10	Shut-In(1)
92	232.32	102.46	End Shut-In(1)
92	63.56	102.40	Open To Flow (2)
149	70.53	104.02	Shut-In(2)
212	267.56	105.72	End Shut-In(2)
213	1567.20	106.84	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Oil cut mud 1%oil 99%mud	0.05

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (m³/d)

DRILL STEM TEST REPORT

RJM Company

Po Box 256 Claflin Kansas 67525

ATTN: Jim Musgrove

18-19s-11w

Robl Farms #1

Job Ticket: 17686 **DST#: 4**

Test Start: 2012.06.18 @ 14:42:00

GENERAL INFORMATION:

Formation: **Lancing J-K**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 16:07:30
Time Test Ended: 21:10:30

Test Type: Conventional Bottom Hole (Initial)
Tester: Dustin Ellis
Unit No: 3315-GB-30

Interval: 3207.00 ft (KB) To 3276.00 ft (KB) (TVD)
Total Depth: 3276.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

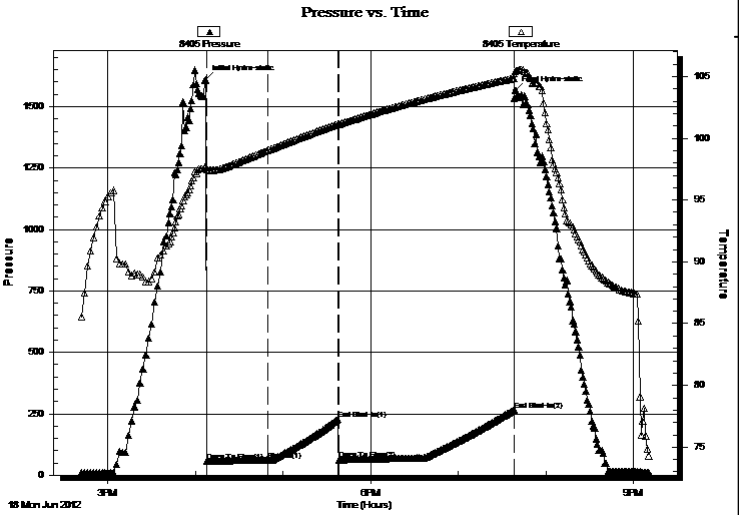
Reference Elevations: 1799.00 ft (KB)
1792.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 8405 **Inside**

Press@RunDepth: 266.17 psig @ 3272.25 ft (KB)
Start Date: 2012.06.18 End Date: 2012.06.18
Start Time: 14:42:00 End Time: 21:10:30

Capacity: 5000.00 psig
Last Calib.: 2012.06.20
Time On Btm: 2012.06.18 @ 16:07:00
Time Off Btm: 2012.06.18 @ 19:39:00

TEST COMMENT: 1st Open 45 minutes Fair building blow blew 4.5 inches.
1st Shut in 45 minutes No blow back
2nd Open 45 minutes Fair building blow reach bottom bucket 43 minutes
2nd Shut in 60 minutes No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1610.15	97.73	Initial Hydro-static
1	55.43	97.44	Open To Flow (1)
43	62.14	99.02	Shut-In(1)
91	228.40	101.15	End Shut-In(1)
92	62.42	101.15	Open To Flow (2)
211	266.17	104.85	End Shut-In(2)
212	1565.35	105.39	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Oil cut mud 1%oil 99%mud	0.05

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (m³/d)

DRILL STEM TEST REPORT

TOOL DIAGRAM

RJM Company

Po Box 256 Claflin Kansas 67525

ATTN: Jim Musgrove

18-19s-11w

Robl Farms #1

Job Ticket: 17686 **DST#: 4**

Test Start: 2012.06.18 @ 14:42:00

Tool Information

Drill Pipe:	Length:	3088.00 ft	Diameter:	3.80 inches	Volume:	43.32 bbl	Tool Weight:		2000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:		20000.00 lb
Drill Collar:	Length:	118.79 ft	Diameter:	2.25 inches	Volume:	0.58 bbl	Weight to Pull Loose:		53000.00 lb
					Total Volume:	43.90 bbl	Tool Chased		2.00 ft
Drill Pipe Above KB:		19.79 ft					String Weight:	Initial	44000.00 lb
Depth to Top Packer:		3207.00 ft						Final	44000.00 lb
Depth to Bottom Packer:		ft							
Interval betw een Packers:		69.25 ft							
Tool Length:		89.25 ft							
Number of Packers:		2	Diameter:	6.75 inches					

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut-In Tool	5.00			3192.00		
Hydrolic Tool	5.00			3197.00		
Packer	5.00			3202.00	20.00	Bottom Of Top Packer
Packer	5.00			3207.00		
Anchor	10.00			3217.00		
Change Over Sub	0.75			3217.75		
Drill Pipe	31.75			3249.50		
Change Over Sub	0.75			3250.25		
Anchor	21.00			3271.25		
Recorder	1.00	8405	Inside	3272.25		
Recorder	1.00	8400	Outside	3273.25		
Bull Plug	3.00			3276.25	69.25	Bottom Packers & Anchor
Total Tool Length:	**89.25**					

DRILL STEM TEST REPORT

FLUID SUMMARY

RJM Company

Po Box 256 Claflin Kansas 67525

ATTN: Jim Musgrove

18-19s-11w

Robl Farms #1

Job Ticket: 17686 **DST#: 4**

Test Start: 2012.06.18 @ 14:42:00

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:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	10000.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Oil cut mud 1%oil 99%mud	0.049

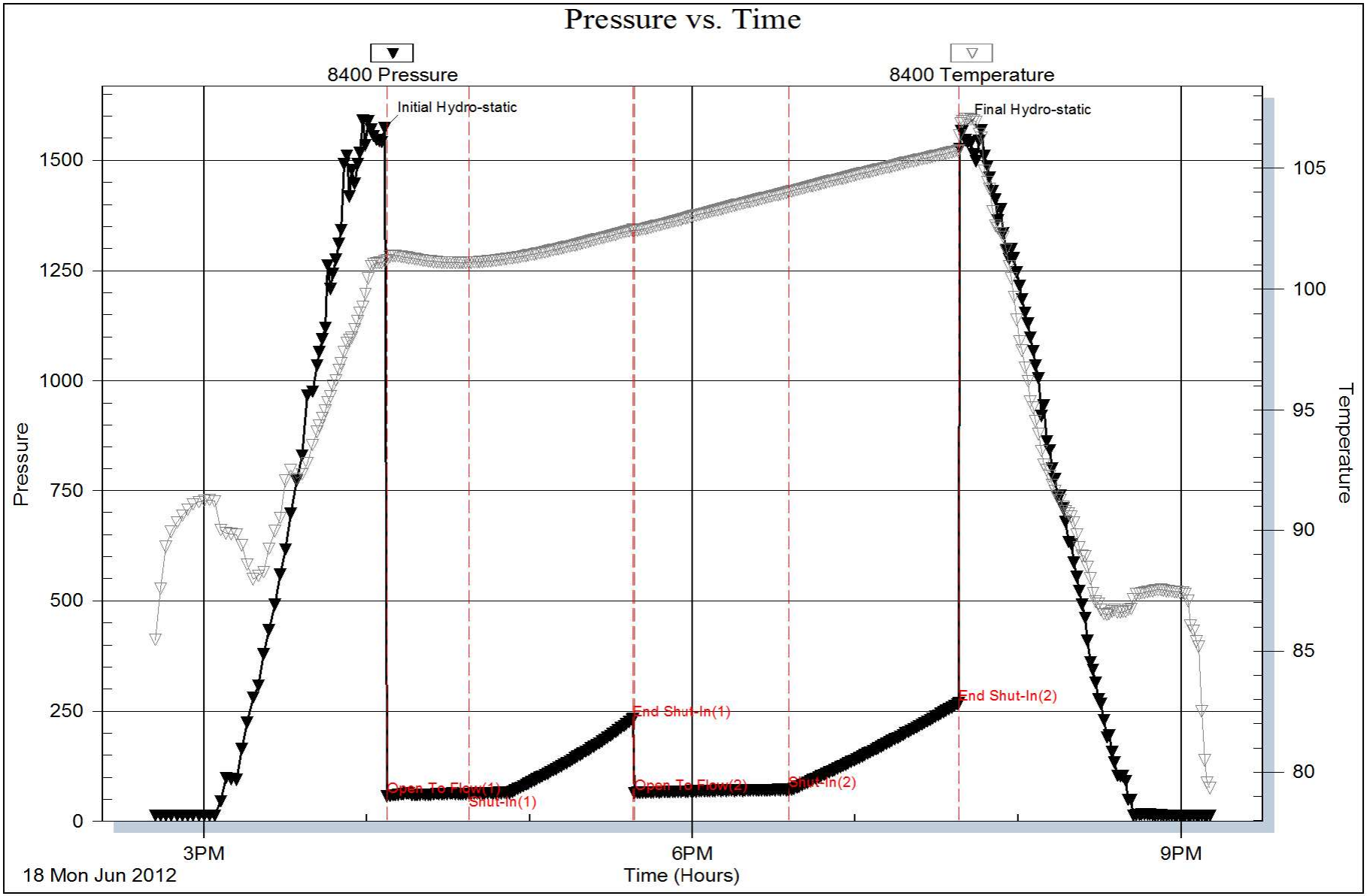
Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

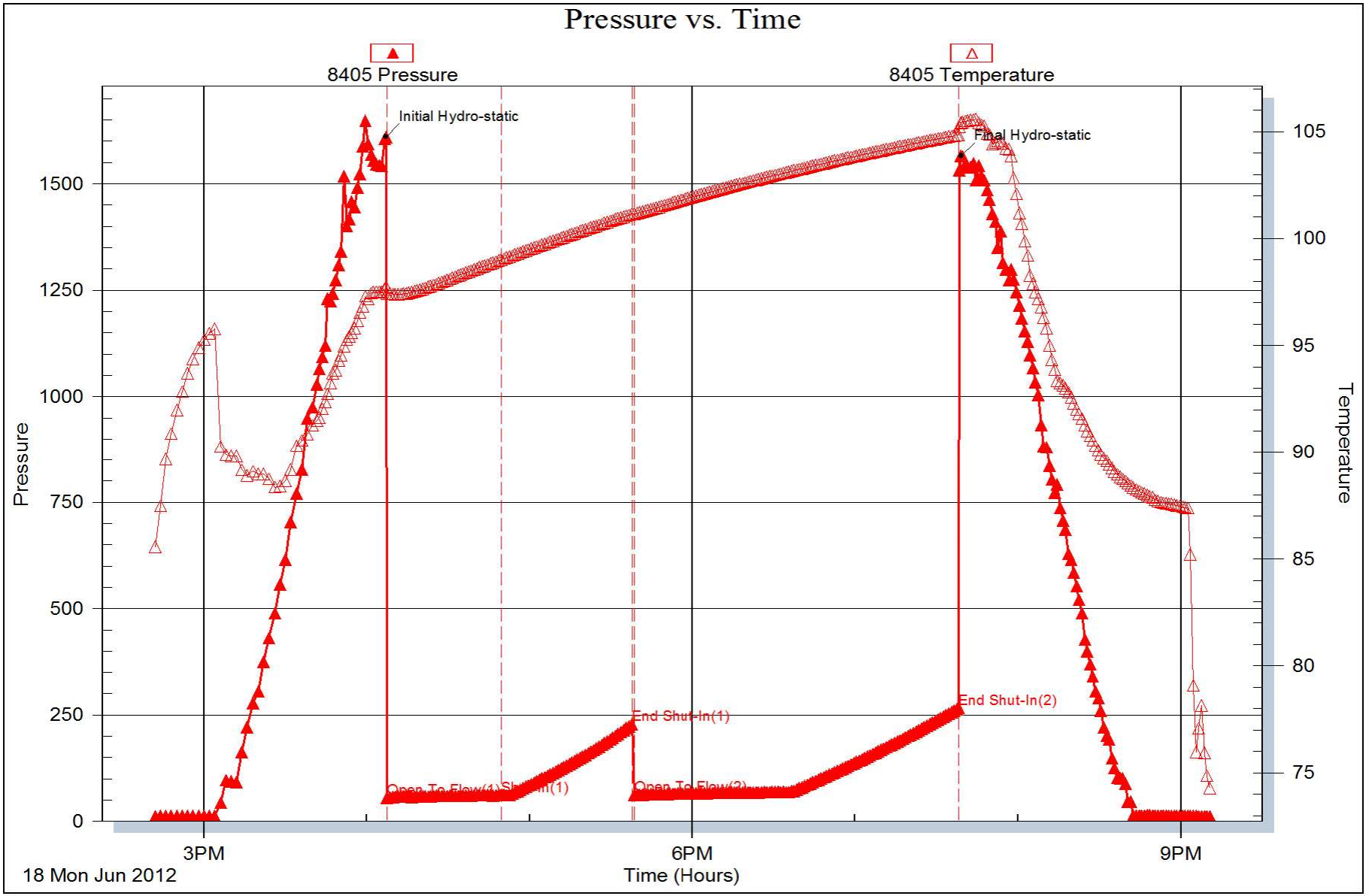
Recovery Comments:

Serial #: 8400 **Outside** RJM Company Robl Farms #1 DST Test Number: 4

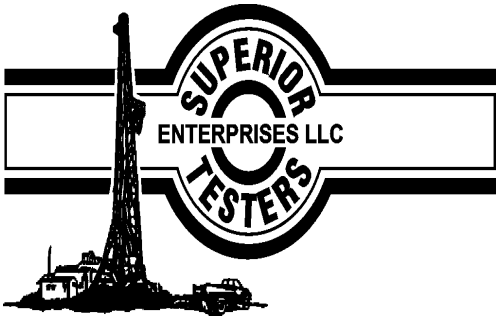


Superior Testers Enterprises LLC Ref. No: 17686 Printed: 2012.06.20 @ 13:09:46

Serial #: 8405 **Inside** RJM Company Robl Farms #1 DST Test Number: 4



Superior Testers Enterprises LLC Ref. No: 17686 Printed: 2012.06.20 @ 13:09:46



DRILL STEM TEST REPORT

Prepared For: **RJM Company**

Po Box 256 Claflin Kansas 67525

ATTN: Jim Musgrove

Robl Farms #1

18-19s-11w

Start Date: 2012.06.19 @ 09:10:00

End Date: 2012.06.19 @ 15:59:00

Job Ticket #: 17687 DST #: 5

Superior Testers Enterprises LLC

PO Box 138 Great Bend KS 67530

1-800-792-6902

Printed: 2012.06.19 @ 22:53:42

DRILL STEM TEST REPORT

RJM Company

Po Box 256 Claflin Kansas 67525

ATTN: Jim Musgrove

18-19s-11w

Robl Farms #1

Job Ticket: 17687 **DST#: 5**

Test Start: 2012.06.19 @ 09:10:00

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 10:55:00
Time Test Ended: 15:59:00

Test Type: Conventional Bottom Hole (Initial)
Tester: Dustin Ellis
Unit No: 3315-GB-30

Interval: 3340.00 ft (KB) To 3375.00 ft (KB) (TVD)
Total Depth: 3375.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

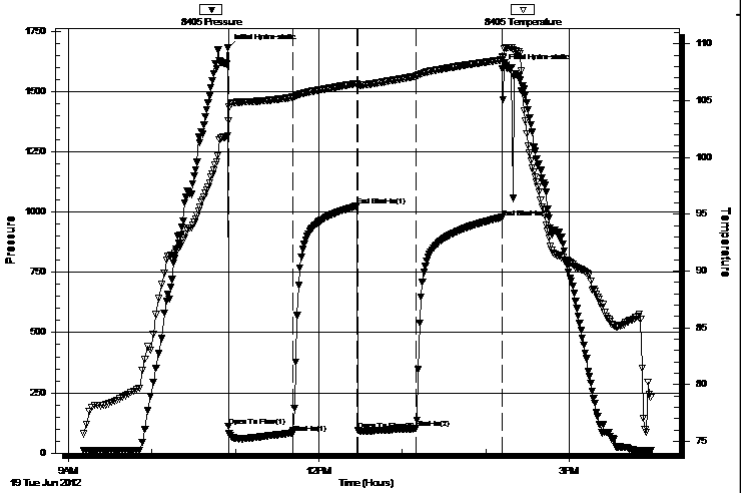
Reference Elevations: 1799.00 ft (KB)
1792.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 8405 **Outside**

Press@RunDepth: 102.25 psig @ 3342.56 ft (KB)
Start Date: 2012.06.19 End Date: 2012.06.19
Start Time: 09:11:00 End Time: 15:59:00

Capacity: 5000.00 psig
Last Calib.: 2012.06.19
Time On Btm: 2012.06.19 @ 10:54:30
Time Off Btm: 2012.06.19 @ 14:12:00

TEST COMMENT: 1st Open 45 minutes Fair building blow blew 3.5 inches.
1st Shut in 45 minutes No blow back.
2nd Open 45 minutes Fair building blow blew 3.5 inches
2nd Shut in 60 minutes No blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1679.94	101.91	Initial Hydro-static
1	109.90	103.23	Open To Flow (1)
47	83.98	105.28	Shut-In(1)
93	1024.97	106.52	End Shut-In(1)
94	94.60	106.35	Open To Flow (2)
136	102.25	107.14	Shut-In(2)
197	977.67	108.57	End Shut-In(2)
198	1596.58	108.85	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Clean oil 100%	0.15
60.00	Oil cut mud 40%Oil 60%Mud	0.30
60.00	Oil cut mud 25%Oil 75%Mud	0.58
0.00	Gravity of oil 36 corrected	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (m³/d)

DRILL STEM TEST REPORT

RJM Company

Po Box 256 Claflin Kansas 67525

ATTN: Jim Musgrove

18-19s-11w

Robl Farms #1

Job Ticket: 17687 **DST#: 5**

Test Start: 2012.06.19 @ 09:10:00

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 10:55:00
Time Test Ended: 15:59:00

Test Type: Conventional Bottom Hole (Initial)
Tester: Dustin Ellis
Unit No: 3315-GB-30

Interval: 3340.00 ft (KB) To 3375.00 ft (KB) (TVD)
Total Depth: 3375.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

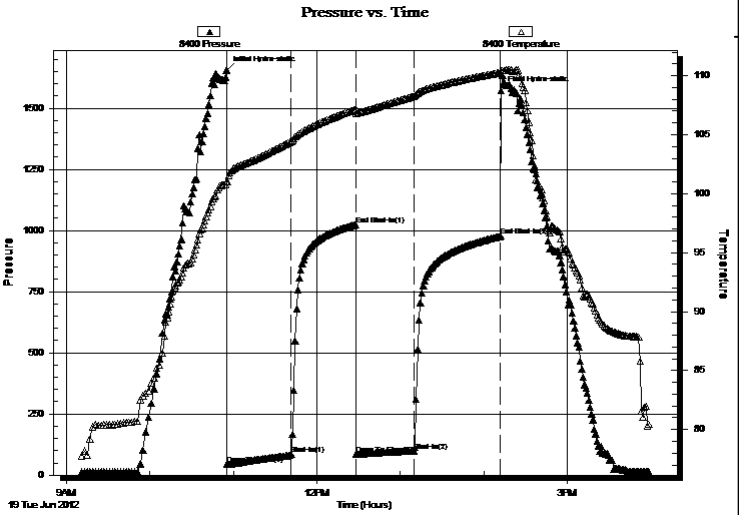
Reference Elevations: 1799.00 ft (KB)
1792.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 8400 **Outside**

Press@RunDepth: 977.02 psig @ 3342.56 ft (KB)
Start Date: 2012.06.19 End Date: 2012.06.19
Start Time: 09:11:00 End Time: 15:59:00

Capacity: 5000.00 psig
Last Calib.: 2012.06.19
Time On Btm: 2012.06.19 @ 10:55:00
Time Off Btm: 2012.06.19 @ 14:12:30

TEST COMMENT: 1st Open 45 minutes Fair building blow blew 3.5 inches.
1st Shut in 45 minutes No blow back.
2nd Open 45 minutes Fair building blow blew 3.5 inches
2nd Shut in 60 minutes No blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1655.42	101.04	Initial Hydro-static
1	42.64	101.05	Open To Flow (1)
47	84.47	104.44	Shut-In(1)
93	1024.10	107.17	End Shut-In(1)
94	84.00	106.84	Open To Flow (2)
135	99.27	108.26	Shut-In(2)
197	977.02	110.27	End Shut-In(2)
198	1573.20	110.42	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Clean oil 100%	0.15
60.00	Oil cut mud 40%Oil 60%Mud	0.30
60.00	Oil cut mud 25%Oil 75%Mud	0.58
0.00	Gravity of oil 36 corrected	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (m³/d)

DRILL STEM TEST REPORT

TOOL DIAGRAM

RJM Company

Po Box 256 Claflin Kansas 67525

ATTN: Jim Musgrove

18-19s-11w

Robl Farms #1

Job Ticket: 17687 **DST#: 5**

Test Start: 2012.06.19 @ 09:10:00

Tool Information

Drill Pipe:	Length:	3216.00 ft	Diameter:	3.80	inches	Volume:	45.11	bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00	inches	Volume:	0.00	bbl	
Drill Collar:	Length:	118.79 ft	Diameter:	2.25	inches	Volume:	0.58	bbl	
						Total Volume:	45.69	bbl	

Drill Pipe Above KB:	14.79 ft
Depth to Top Packer:	3340.00 ft
Depth to Bottom Packer:	ft
Interval between Packers:	35.00 ft
Tool Length:	55.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:		2000.00 lb
Weight set on Packer:		20000.00 lb
Weight to Pull Loose:		65000.00 lb
Tool Chased		2.00 ft
String Weight:	Initial	44000.00 lb
	Final	45000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut-In Tool	5.00			3325.00		
Hydrolic Tool	5.00			3330.00		
Packer	5.00			3335.00	20.00	Bottom Of Top Packer
Packer	5.00			3340.00		
Perforations	30.00			3370.00		
Recorder	1.00		Inside	3371.00		
Recorder	1.00		Outside	3372.00		
Bull Plug	3.00			3375.00	35.00	Bottom Packers & Anchor
Total Tool Length:	**55.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

RJM Company

Po Box 256 Claflin Kansas 67525

ATTN: Jim Musgrove

18-19s-11w

Robl Farms #1

Job Ticket: 17687 **DST#: 5**

Test Start: 2012.06.19 @ 09:10:00

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:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	10000.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	Clean oil 100%	0.148
60.00	Oil cut mud 40%Oil 60%Mud	0.295
60.00	Oil cut mud 25%Oil 75%Mud	0.579
0.00	Gravity of oil 36 corrected	0.000

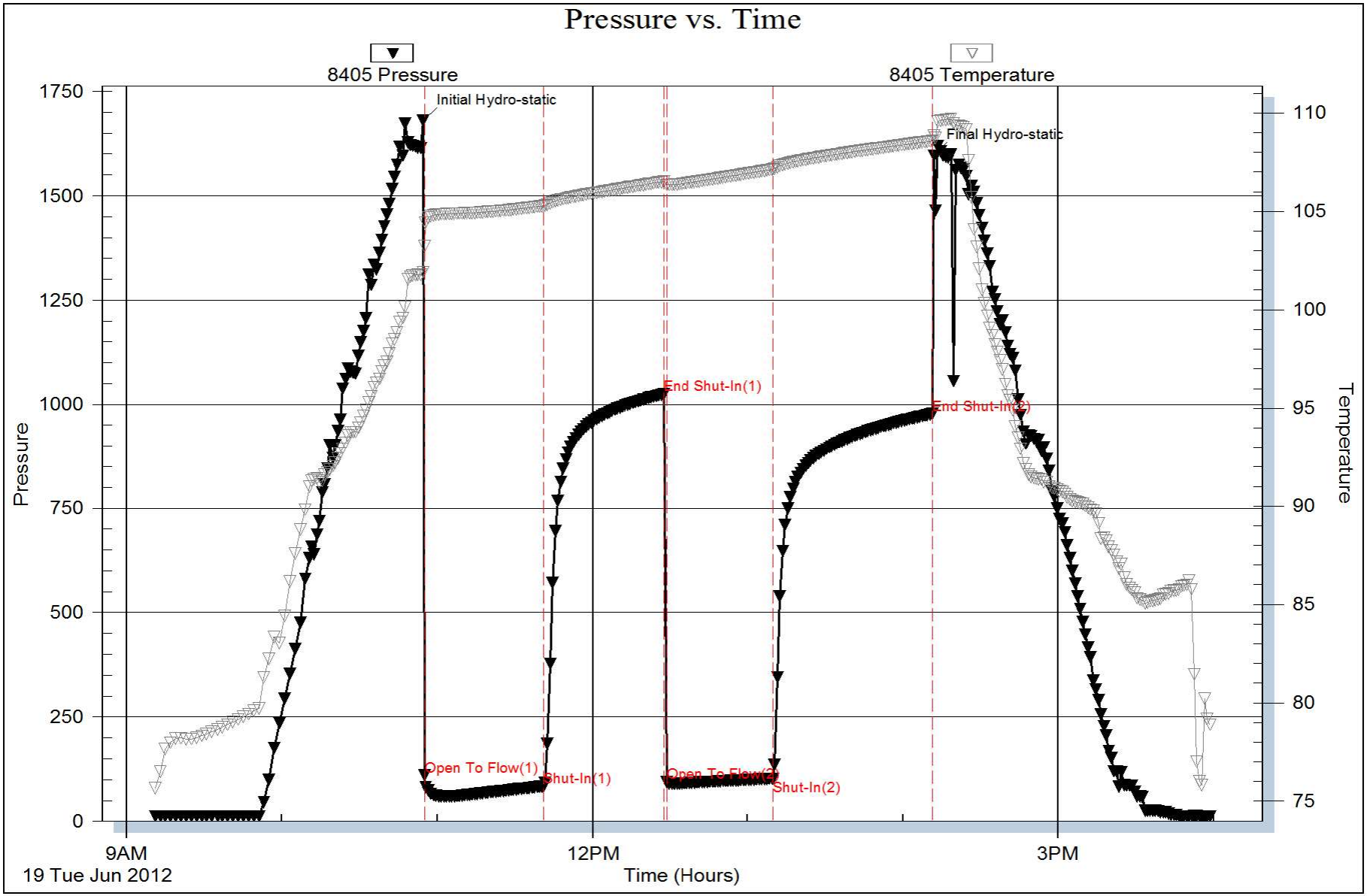
Total Length: 150.00 ft Total Volume: 1.022 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

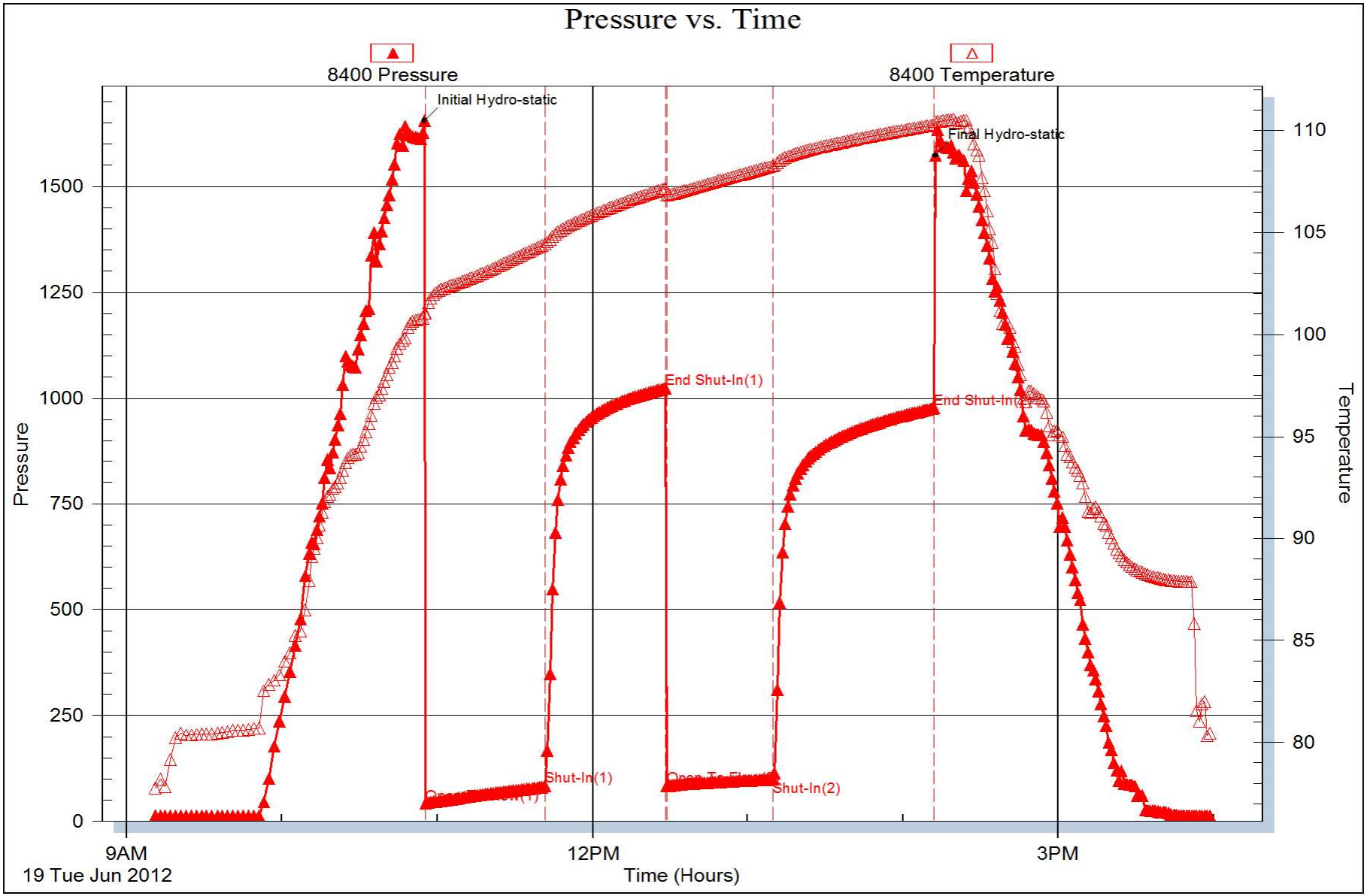
Recovery Comments:

Serial #: 8405 **Outside** RJM Company Robl Farms #1 DST Test Number: 5

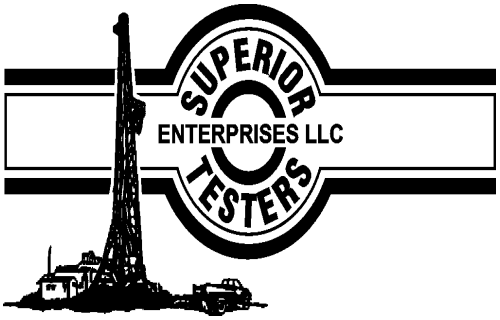


Superior Testers Enterprises LLC Ref. No: 17687 Printed: 2012.06.19 @ 22:53:43

Serial #: 8400 **Outside** RJM Company Robl Farms #1 DST Test Number: 5



Superior Testers Enterprises LLC Ref. No: 17687 Printed: 2012.06.19 @ 22:53:44



DRILL STEM TEST REPORT

Prepared For: **RJM Company**

Po Box 256 Claflin Kansas 67525

ATTN: Jim Mustrove

Robl Farms #1

18-19s-11w

Start Date: 2012.06.19 @ 09:25:00

End Date: 2012.06.19 @ 15:55:53

Job Ticket #: 17688 DST #: 6

Superior Testers Enterprises LLC

PO Box 138 Great Bend KS 67530

1-800-792-6902

Printed: 2012.06.20 @ 11:22:36

DRILL STEM TEST REPORT

RJM Company

Po Box 256 Claflin Kansas 67525

ATTN: Jim Mustrove

18-19s-11w

Robl Farms #1

Job Ticket: 17688 **DST#: 6**

Test Start: 2012.06.19 @ 09:25:00

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 10:53:53
Time Test Ended: 15:55:53

Test Type: Conventional Bottom Hole (Initial)
Tester: Dustin Ellis
Unit No: 3315-GB30

Interval: 3374.00 ft (KB) To 3379.00 ft (KB) (TVD)
Total Depth: 3379.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

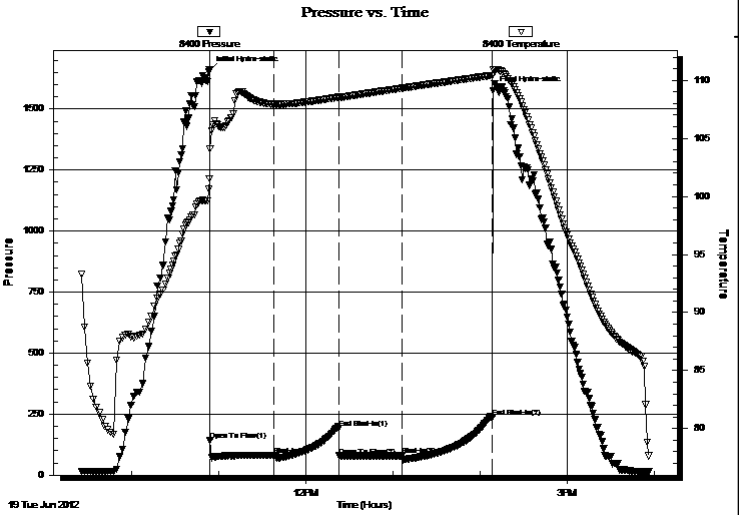
Reference Elevations: 1799.00 ft (KB)
1792.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 8400 **Inside**

Press@RunDepth: 79.29 psig @ 3376.00 ft (KB)
Start Date: 2012.06.19 End Date: 2012.06.19
Start Time: 09:25:23 End Time: 15:55:53

Capacity: 5000.00 psig
Last Calib.: 2012.06.20
Time On Btm: 2012.06.19 @ 10:53:23
Time Off Btm: 2012.06.19 @ 14:08:53

TEST COMMENT: 1st Open 45 minutes Fair building blow blew 2 inches .
1st Shut in 45 minutes No blow back
2nd Open 45 minutes Weak blow then died off
2nd Shut in 60 minutes No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1658.85	101.54	Initial Hydro-static
1	143.85	104.11	Open To Flow (1)
45	80.80	107.95	Shut-In(1)
89	190.55	108.55	End Shut-In(1)
90	78.80	108.51	Open To Flow (2)
133	79.29	109.32	Shut-In(2)
195	238.28	110.44	End Shut-In(2)
196	1576.43	110.94	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Very lightly oil spotted 1%oil 99%mud	0.05
61.00	Mudd 100%	0.30

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (m³/d)

DRILL STEM TEST REPORT

RJM Company

Po Box 256 Claflin Kansas 67525

ATTN: Jim Mustrove

18-19s-11w

Robl Farms #1

Job Ticket: 17688 **DST#: 6**

Test Start: 2012.06.19 @ 09:25:00

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 10:53:53
Time Test Ended: 15:55:53

Test Type: Conventional Bottom Hole (Initial)
Tester: Dustin Ellis
Unit No: 3315-GB30

Interval: 3374.00 ft (KB) To 3379.00 ft (KB) (TVD)
Total Depth: 3379.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

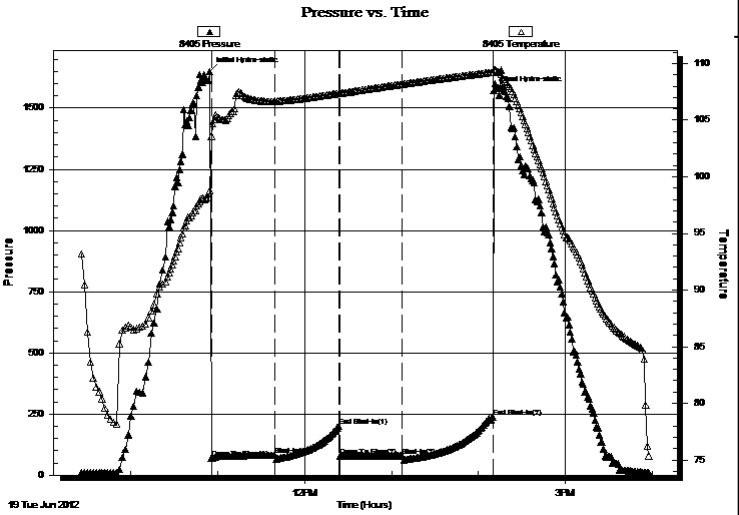
Reference Elevations: 1799.00 ft (KB)
1792.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 8405 **Outside**

Press@RunDepth: 235.55 psig @ 3375.00 ft (KB)
Start Date: 2012.06.19 End Date: 2012.06.19
Start Time: 09:26:00 End Time: 15:57:30

Capacity: 5000.00 psig
Last Calib.: 2012.06.20
Time On Btm: 2012.06.19 @ 10:54:30
Time Off Btm: 2012.06.19 @ 14:10:30

TEST COMMENT: 1st Open 45 minutes Fair building blow blew 2 inches .
1st Shut in 45 minutes No blow back
2nd Open 45 minutes Weak blow then died off
2nd Shut in 60 minutes No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1649.90	98.82	Initial Hydro-static
1	70.78	103.58	Open To Flow (1)
45	80.08	106.66	Shut-In(1)
89	200.82	107.37	End Shut-In(1)
90	78.49	107.36	Open To Flow (2)
133	78.47	108.18	Shut-In(2)
196	235.55	109.23	End Shut-In(2)
196	1570.93	109.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Very lightly oil spotted 1%oil 99%mud	0.05
61.00	Mudd 100%	0.30

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (m³/d)

DRILL STEM TEST REPORT

TOOL DIAGRAM

RJM Company

Po Box 256 Claflin Kansas 67525

ATTN: Jim Mustrove

18-19s-11w

Robl Farms #1

Job Ticket: 17688 **DST#: 6**

Test Start: 2012.06.19 @ 09:25:00

Tool Information

Drill Pipe:	Length:	3255.00 ft	Diameter:	3.80 inches	Volume:	45.66 bbl	Tool Weight:		2000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:		2000.00 lb
Drill Collar:	Length:	118.79 ft	Diameter:	2.25 inches	Volume:	0.58 bbl	Weight to Pull Loose:		52000.00 lb
					Total Volume:	46.24 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		19.79 ft					String Weight:	Initial	42000.00 lb
Depth to Top Packer:		3374.00 ft						Final	42000.00 lb
Depth to Bottom Packer:		ft							
Interval betw een Packers:		5.00 ft							
Tool Length:		25.00 ft							
Number of Packers:		2	Diameter:	6.75 inches					

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut-In Tool	5.00			3359.00		
Hydrolic Tool	5.00			3364.00		
Packer	5.00			3369.00	20.00	Bottom Of Top Packer
Packer	5.00			3374.00		
Anchor	0.00			3374.00		
Recorder	1.00	8405	Outside	3375.00		
Recorder	1.00	8400	Inside	3376.00		
Bull Plug	3.00			3379.00	5.00	Bottom Packers & Anchor
Total Tool Length:	**25.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

RJM Company

Po Box 256 Claflin Kansas 67525

ATTN: Jim Mustrove

18-19s-11w

Robl Farms #1

Job Ticket: 17688 **DST#: 6**

Test Start: 2012.06.19 @ 09:25:00

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:	15.18 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	18000.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Very lightly oil spotted 1%oil 99%mud	0.049
61.00	Mudd 100%	0.300

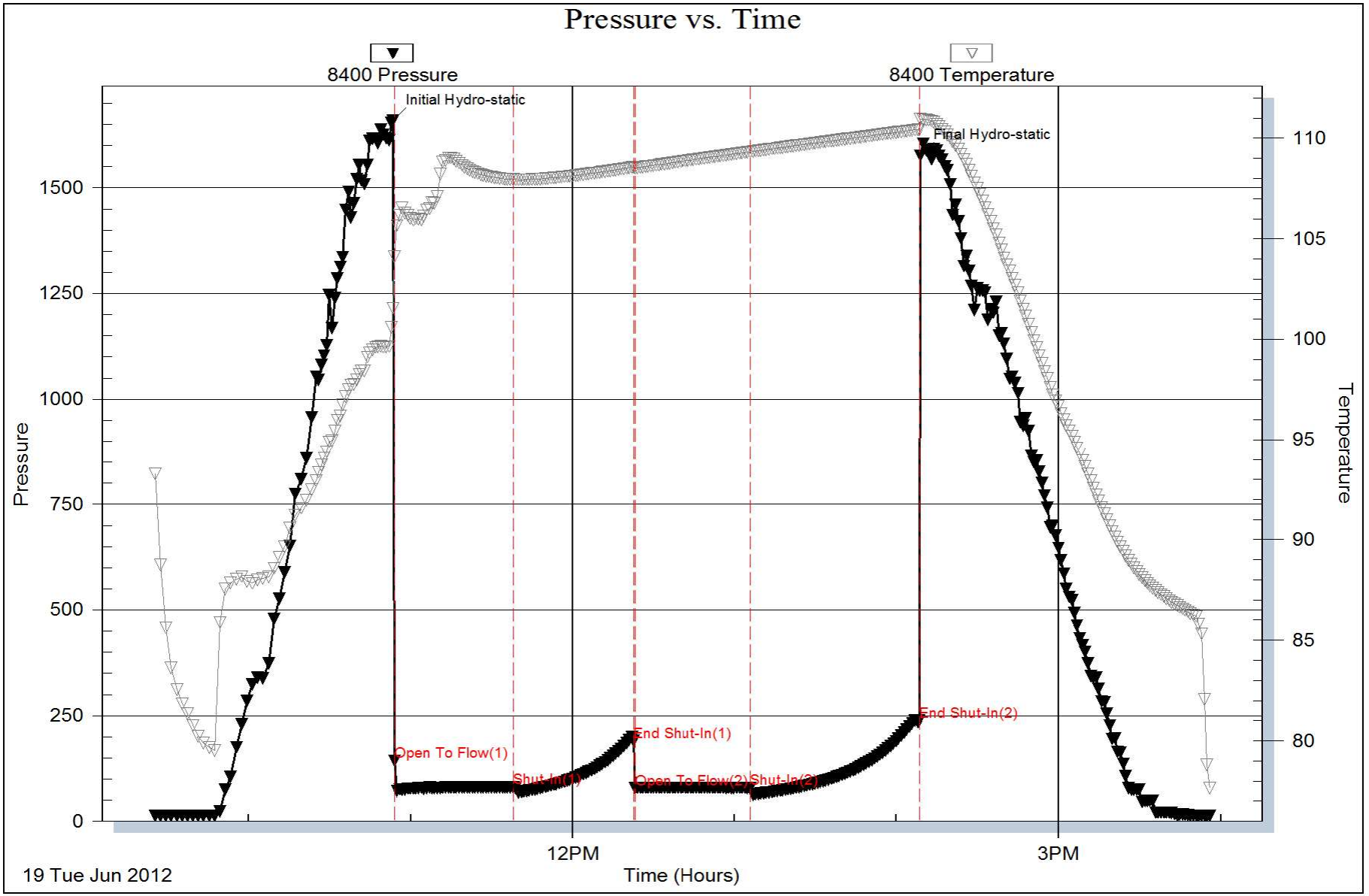
Total Length: 71.00 ft Total Volume: 0.349 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

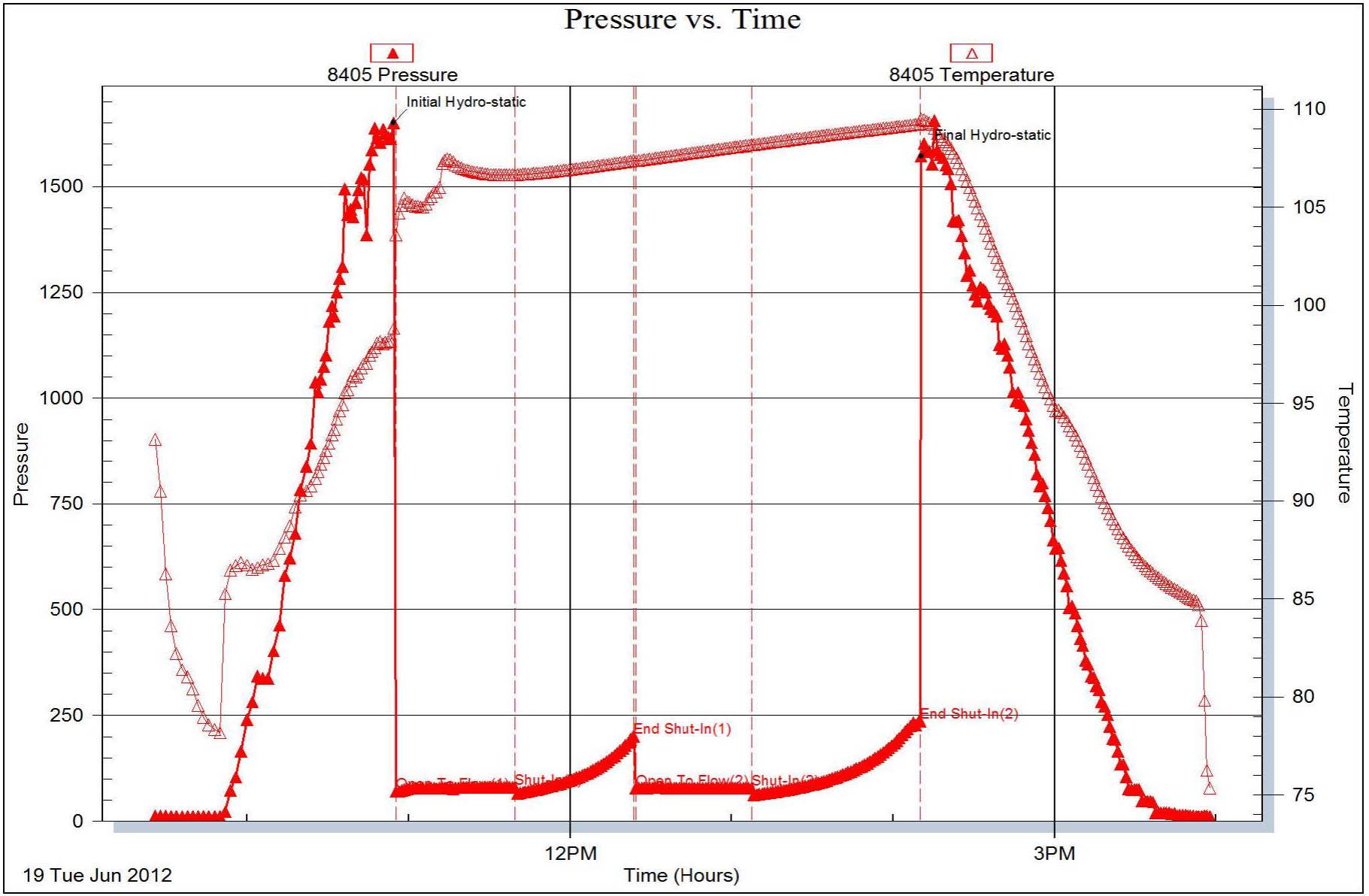
Recovery Comments:

Serial #: 8400 **Inside** RJM Company Robl Farms #1 DST Test Number: 6

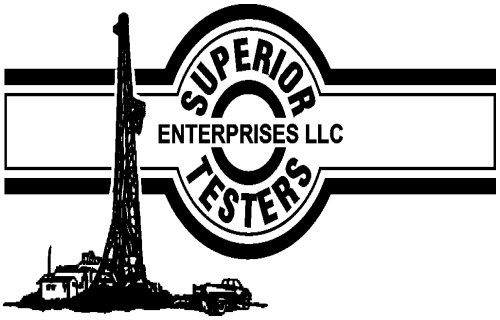


Superior Testers Enterprises LLC Ref. No: 17688 Printed: 2012.06.20 @ 11:22:37

Serial #: 8405 **Outside** RJM Company Robl Farms #1 DST Test Number: 6



Superior Testers Enterprises LLC Ref. No: 17688 Printed: 2012.06.20 @ 11:22:37



DRILL STEM TEST REPORT

Prepared For: **RJM Company**

Po Box 256 Claflin Kansas 67525

ATTN: Jim Musgrove

Robl Farms #1

18-19s-11w

Start Date: 2012.06.20 @ 09:41:00

End Date: 2012.06.20 @ 15:00:30

Job Ticket #: 17689 DST #: 7

Superior Testers Enterprises LLC

PO Box 138 Great Bend KS 67530

1-800-792-6902

Printed: 2012.06.20 @ 13:18:35

DRILL STEM TEST REPORT

RJM Company

Po Box 256 Claflin Kansas 67525

ATTN: Jim Musgrove

18-19s-11w

Robl Farms #1

Job Ticket: 17689 **DST#: 7**

Test Start: 2012.06.20 @ 09:41:00

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 11:30:30
Time Test Ended: 15:00:30

Test Type: Conventional Bottom Hole (Initial)
Tester: Dustin Ellis
Unit No: 3315-GB-30

Interval: 3379.00 ft (KB) To 3389.00 ft (KB) (TVD)
Total Depth: 3389.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

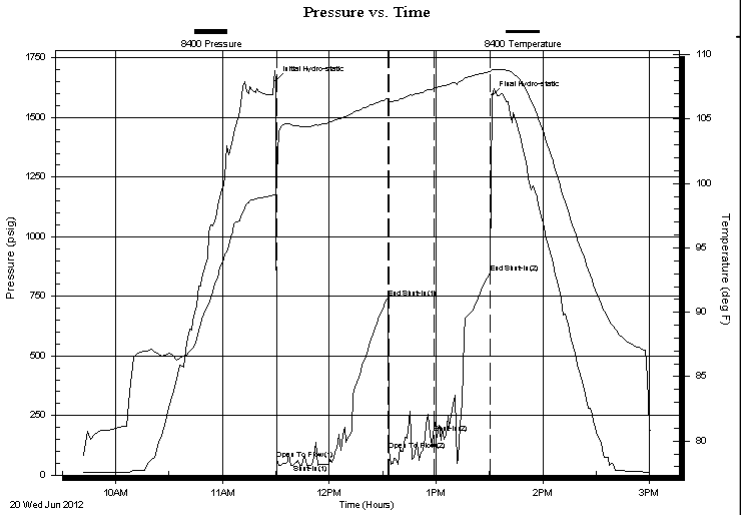
Reference Elevations: 1799.00 ft (KB)
1792.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 8400 **Inside**

Press@RunDepth: 174.06 psig @ 3386.00 ft (KB)
Start Date: 2012.06.20 End Date: 2012.06.20
Start Time: 09:41:00 End Time: 15:00:30

Capacity: 5000.00 psig
Last Calib.: 2012.06.20
Time On Btm: 2012.06.20 @ 11:30:00
Time Off Btm: 2012.06.20 @ 13:31:30

TEST COMMENT: 1st Open 30 minutes Weak blow blew 1 inch into bucket.
1st Shut in 30 minutes No blow back.
2nd Open 30 minutes Weak surface blew 1 inch.
2nd Shut in 30 minutes No blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1653.58	99.17	Initial Hydro-static
1	64.98	100.61	Open To Flow (1)
30	43.79	104.72	Shut-In(1)
63	743.79	106.58	End Shut-In(1)
64	103.53	106.28	Open To Flow (2)
89	174.06	107.37	Shut-In(2)
121	846.66	108.68	End Shut-In(2)
122	1593.30	108.86	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
7.00	Mud 100%	0.03

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (m³/d)

DRILL STEM TEST REPORT

RJM Company

Po Box 256 Claflin Kansas 67525

ATTN: Jim Musgrove

18-19s-11w

Robl Farms #1

Job Ticket: 17689 **DST#: 7**

Test Start: 2012.06.20 @ 09:41:00

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 11:30:30
Time Test Ended: 15:00:30

Test Type: Conventional Bottom Hole (Initial)
Tester: Dustin Ellis
Unit No: 3315-GB-30

Interval: 3379.00 ft (KB) To 3389.00 ft (KB) (TVD)
Total Depth: 3389.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

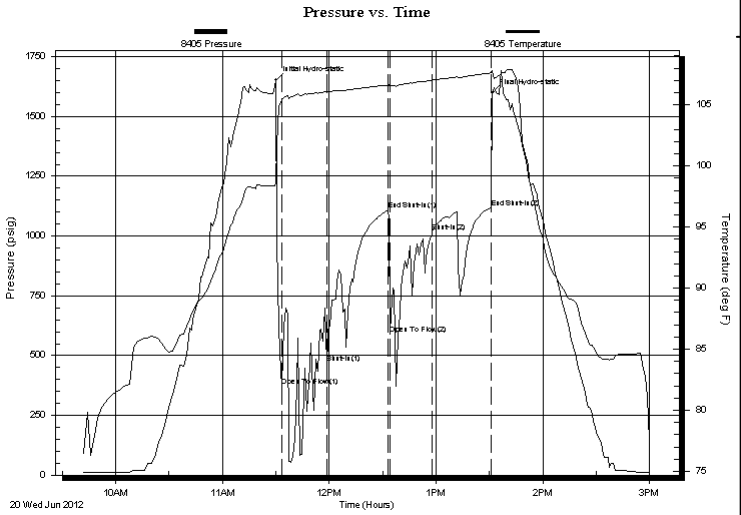
Reference Elevations: 1799.00 ft (KB)
1792.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 8405 **Outside**

Press@RunDepth: 1119.09 psig @ 3385.00 ft (KB)
Start Date: 2012.06.20 End Date: 2012.06.20
Start Time: 09:41:00 End Time: 15:01:00

Capacity: 5000.00 psig
Last Calib.: 2012.06.20
Time On Btm: 2012.06.20 @ 11:30:00
Time Off Btm: 2012.06.20 @ 13:31:30

TEST COMMENT: 1st Open 30 minutes Weak blow blew 1 inch into bucket.
1st Shut in 30 minutes No blow back.
2nd Open 30 minutes Weak surface blew 1 inch.
2nd Shut in 30 minutes No blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1651.67	98.60	Initial Hydro-static
4	371.11	105.44	Open To Flow (1)
29	467.82	106.03	Shut-In(1)
63	1107.66	106.62	End Shut-In(1)
64	589.81	106.47	Open To Flow (2)
88	1018.61	107.02	Shut-In(2)
121	1119.09	107.62	End Shut-In(2)
122	1597.52	107.77	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
7.00	Mud 100%	0.03

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (m³/d)

DRILL STEM TEST REPORT

TOOL DIAGRAM

RJM Company

Po Box 256 Claflin Kansas 67525

ATTN: Jim Musgrove

18-19s-11w

Robl Farms #1

Job Ticket: 17689 **DST#: 7**

Test Start: 2012.06.20 @ 09:41:00

Tool Information

Drill Pipe:	Length:	3254.00 ft	Diameter:	3.80	inches	Volume:	45.65	bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00	inches	Volume:	0.00	bbl	
Drill Collar:	Length:	118.79 ft	Diameter:	2.25	inches	Volume:	0.58	bbl	
						Total Volume:	46.23	bbl	

Drill Pipe Above KB:	13.79 ft
Depth to Top Packer:	3379.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	10.00 ft
Tool Length:	30.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	2000.00 lb
Weight set on Packer:	20000.00 lb
Weight to Pull Loose:	46000.00 lb
Tool Chased	0.00 ft
String Weight: Initial	44000.00 lb
Final	44000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut-In Tool	5.00			3364.00		
Hydrolic Tool	5.00			3369.00		
Packer	5.00			3374.00	20.00	Bottom Of Top Packer
Packer	5.00			3379.00		
Anchor	5.00			3384.00		
Recorder	1.00	8405	Outside	3385.00		
Recorder	1.00	8400	Inside	3386.00		
Bull Plug	3.00			3389.00	10.00	Bottom Packers & Anchor
Total Tool Length:	**30.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

RJM Company

Po Box 256 Claflin Kansas 67525

ATTN: Jim Musgrove

18-19s-11w

Robl Farms #1

Job Ticket: 17689 **DST#: 7**

Test Start: 2012.06.20 @ 09:41:00

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:	15.20 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	18000.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
7.00	Mud 100%	0.034

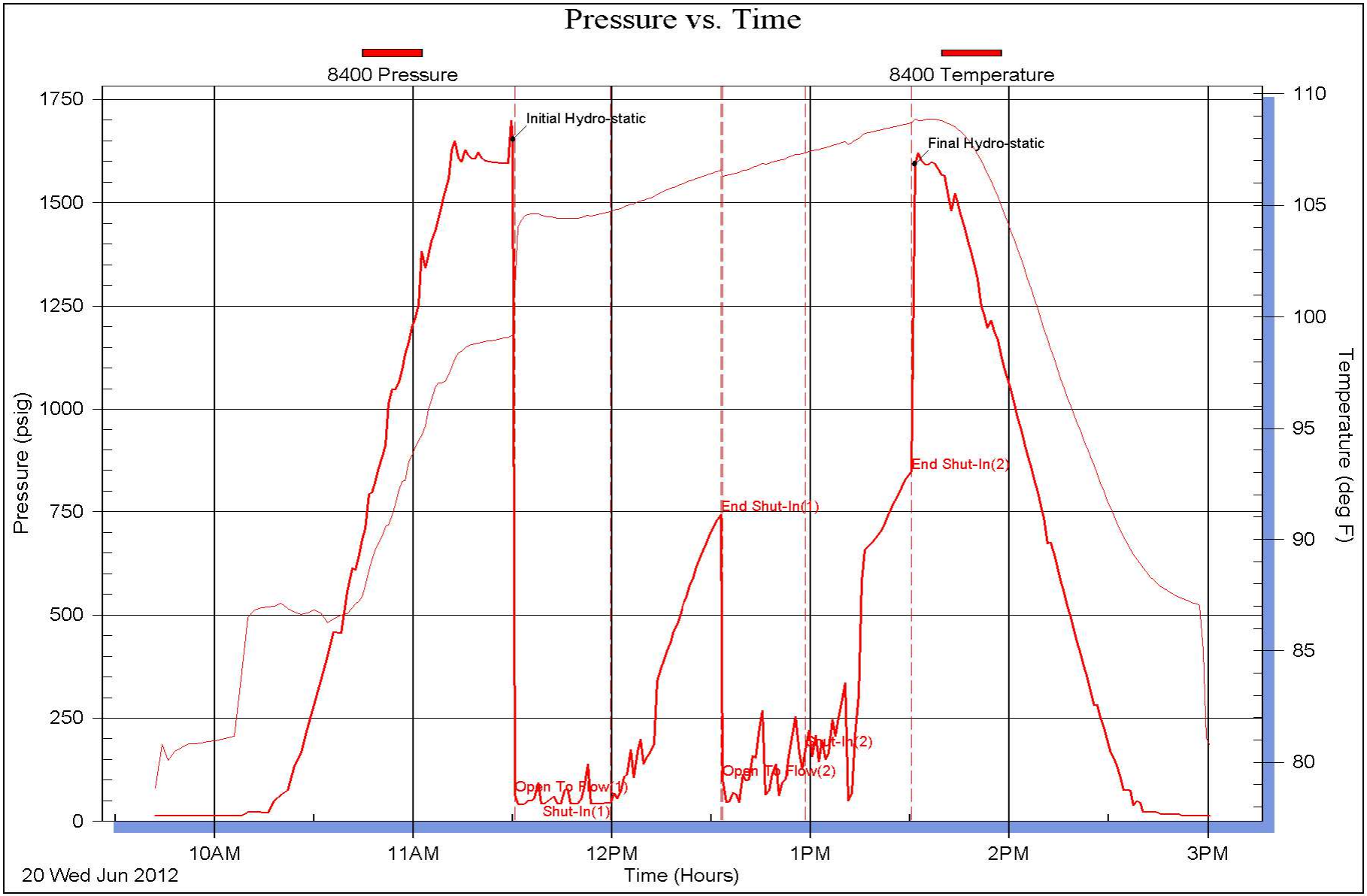
Total Length: 7.00 ft Total Volume: 0.034 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

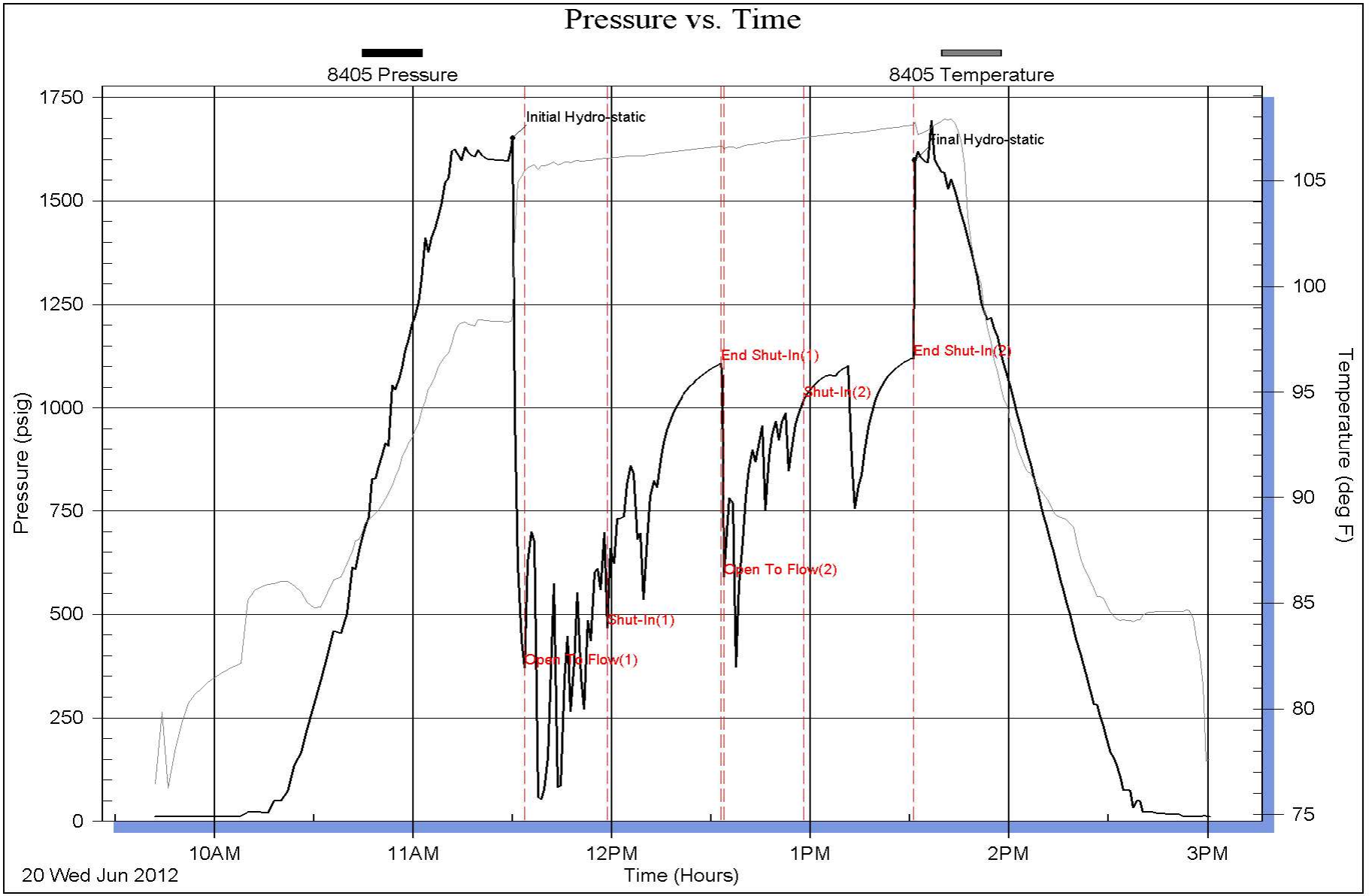
Recovery Comments:

Serial #: 8400 **Inside** RJM Company Robl Farms #1 DST Test Number: 7



Superior Testers Enterprises LLC Ref. No: 17689 Printed: 2012.06.20 @ 13:18:36

Serial #: 8405 **Outside** RJM Company Robl Farms #1 DST Test Number: 7



Superior Testers Enterprises LLC Ref. No: 17689 Printed: 2012.06.20 @ 13:18:36