KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1052984

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 # 33936
Name: Griffin, Charles N.
Address 1: PO BOX 347
Address 2:
City: PRATT State: KS Zip: 67124 + 0347
Contact Person: Charles N. Griffin
Phone: (720) 490-5648
CONTRACTOR: License # 34233
Name: Maverick Drilling LLC
Wellsite Geologist: Bruce A. Reed
Purchaser: Plains Marketing/West Wichita Gas Gathering

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 #:

09/01/2010 — Spud Date or Recompletion Date
09/08/2010 — Date Reached TD
09/15/2010 — Completion Date or Recompletion Date

API No. 15 - 15-077-21697-00-00
Spot Description:
_ - SE - SE - SW Sec. 31 Twp. 33 S. R. 8 [ ] East [x] West
330 Feet from [ ] North / [x] South Line of Section
2970 Feet from [x] East / [ ] West Line of Section
Footages Calculated from Nearest Outside Section Corner:
[ ] NE [ ] NW [x] SE [ ] SW
County: Harper
Lease Name: DENA B Well #: 1
Field Name: Hibbord North East
Producing Formation: Mississippi
Elevation: Ground: 1302 Kelly Bushing: 1309
Total Depth: 4612 Plug Back Total Depth: 4588
Amount of Surface Pipe Set and Cemented at: 266 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: 16000 ppm Fluid volume: 1200 bbls
Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:

Operator Name: Rains & Williams Oil Co. Inc.
Lease Name: Hagon SWD License #: 5146
Quarter NW Sec. 23 Twp. 32 S. R. 10 [ ] East [x] West
County: Barber Permit #: D30349

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 Garrisor Date: 06/30/2011

Side Two

1052984

Operator Name: Griffin, Charles N. Lease Name: DENA B Well #: 1

Sec. 31 Twp. 33 S. R. 8 ☐ East ☑ West County: Harper

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:

Dual Induction Log
Compensated Density Neutron Log
Cement Sonic Bond Log

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

Name	Top	Datum
Stark Shale	4125	2816
Bottom Kansas City	4208	2899
Cherokee	4384	3075
Mississippi	4506	3197

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	8.625	23	266	Common	200	Salt, Gas Blok, Gilsonite
Production	7.875	5.5	15.5	4611	AA2	225	

ADDITIONAL CEMENTING / SQUEEZE RECORD

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

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
2	4510-4526	2000 Gals 15% HCL acid	

TUBING RECORD: Size: 2.875 Set At: 4534 Packer At: N/A

Liner Run: ☐ Yes ☑ No

Date of First, Resumed Production, SWD or ENHR. 09/15/2010

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

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	80	100	40		32

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:
4510-4526

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

BASIC ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET

1718 02505 A

DATE TICKET NO.

DATE OF JOB 9-2-10 DISTRICT Pratt	NEW WELL ☑ OLD WELL ☐ PROD ☐ INJ ☐ WDW ☐ CUSTOMER ORDER NO.:
CUSTOMER Griffen Management	LEASE Deng WELL NO. B-1
ADDRESS	COUNTY Harper STATE KS
CITY STATE	SERVICE CREW Orlando, Melson, Phye
AUTHORIZED BY	JOB TYPE: CNW - 8 5/8 Surface

EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS
27283	3/4				
33708-20920	3/4				
19960-19918	3/4				

	DATE		TIME
TRUCK CALLED	9-1-10	AM	7:00
ARRIVED AT JOB	9-1-10	AM	9:00
START OPERATION	9-2-10	PM	5:30
FINISH OPERATION		PM	6:15
RELEASED		PM	6:45
MILES FROM STATION TO WELL			65

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).
The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: Terry J Cummings
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	$ AMOUNT
CP100	Common	SK	175		2800.00
CC102	Cellflake	Lb	44		162.80
CC109	Calcium Chloride	Lb	330		346.50
CF153	Cement Plug (Wooden 8 5/8")	ea	1		160.00
E100	Pickup mileage	mi	65		276.25
E101	Heavy Equipment mileage	mi	130		910.00
E113	Bulk Delivery	Tm	536		858.00
CE200	Depth Charge 0-500	ea	1		1000.00
CE240	Cement Service Charge	SK	175		245.00
CE504	Plug Container	ea	1		250.00
S003	Service Supervisor	ea	1		175.00

SUB TOTAL 4669 31

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON $	
MATERIALS	%TAX ON $	
	TOTAL	

SERVICE REPRESENTATIVE Steve Orlando

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: Terry J Cummings
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

TREATMENT REPORT

Customer: Griffen Management	Lease No.		Date: 9-2-10
Lease: Deng	Well #: B-1		

Field Order #	Station	Casing	Depth	County	State
2505	Pratt	8 5/8 24#	266	Harper	KS

Type Job	Formation	Legal Description
CNW-Surface		31-33-8

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size: 8 5/8	Tubing Size	Shots/Ft		Acid: 175 sks Common	RATE: 1.22 yield	PRESS	ISIP
Depth: 266	Depth	From	To	Pre Pad: 2% cal Chloride	Max: 3866L		5 Min.
Volume: 17	Volume	From	To	Pad: ¼ #/sk. Cellflake	Min		10 Min.
Max Press	Max Press	From	To	Frac	Avg		15 Min.
Well Connection: P.C.	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth: 250	Packer Depth	From	To	Flush: 16	Gas Volume		Total Load

Customer Representative	Station Manager: Dave Scott	Treater: Steve Orlando

Service Units	27283	33208 / 20920	19960	19918						
Driver Names	Orlando	Melson	Pyle							

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1:00pm					On location - Safety Meeting
					Run 6 Jts 8 5/8 Casing
					Casing On Botton
					Break Circ w/ Rig
5:50	300		38	4	Mix 175 sks Common @ 15.6 #/Gal
					Shut Down
					Release plug
6:10	0		0	4	Start H2O Displacement
6:13	300		10	4	Cement TO Surface
6:15	300		16	4	Plug Down
					Job Complete
					Thanks, Steve
					Circulation thru Job
					Circulated 6 bbl Cement to pit

Taylor Printing, Inc. 620-672-3656

0040227960

FIELD SERVICE TICKET

1718 02508 A

BASIC ENERGY SERVICES
PRESSURE PUMPING & WIRELINE
10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

DATE TICKET NO.

DATE OF JOB 9-8-10 DISTRICT Pratt	NEW WELL ☑ OLD WELL ☐ PROD ☐ INJ ☐ WDW ☐ CUSTOMER ORDER NO.:
CUSTOMER Griffin Management	LEASE Deng WELL NO. B-1
ADDRESS	COUNTY Harper STATE KS
CITY STATE	SERVICE CREW Orlando, Anthony, Mebraw
AUTHORIZED BY	JOB TYPE: CNW- 5½ L.S.

EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS
27283	1				
9889-19842	1				
19831-19863	1				

	DATE		TIME
TRUCK CALLED	9-8-10	AM PM	2:00
ARRIVED AT JOB		AM PM	4:00
START OPERATION		AM PM	9:00
FINISH OPERATION		AM PM	10:00
RELEASED		AM PM	10:30
MILES FROM STATION TO WELL			65

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).
The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	$ AMOUNT
CP105	AA2 Cement	SK	200		3400.00
CP103	60/40 POZ	SK	85		1020.00
CC102	Cellflake	Lb	50		185.00
CC111	Salt	Lb	913		456.50
CC112	Friction Reducer	Lb	94		564.00
CC115	GasBlok	Lb	188		968.20
CC201	Gilsonite	Lb	1000		610.00
CF1607	Latch Down Plug+Baffle	ea	1		400.00
CF1251	AutoFill Float Shoe	ea	1		360.00
CF1651	Turbolizer	ea	6		660.00
CF1901	Basket	ea	2		580.00
C704	KCL Substitute	Gal	5		175.00
E100	Pickup mileage	mi	65		276.25
E101	Heavy Equipment mileage	mi	130		910.00
E113	Bulk Delivery	tm	852		1362.40
CE205	Depth Charge 4001-5000'	hrs	1		2620.00
CE240	Cement Service Charge	SK	285		399.00
CE504	Plug Container	ea	1		250.00
5003	Service Supervisor	ea	1		175.00
				SUB TOTAL	10272.00

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON $	
MATERIALS	%TAX ON $	
	TOTAL	

SERVICE REPRESENTATIVE Steve Orlando

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

ASiC
gy services, L.P.

TREATMENT REPORT

Griffen Management	Lease No.	Date	9-8-10
Dena B	Well # 1		
Order # 508	Station Pratt	Casing 5½ 15.5#	Depth 4611
County Harper	State KS		
Type Job CNW- 5½ L.S.	Formation	Legal Description 31-33-8	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size 5½ 15.5	Tubing Size	Shots/Ft	200sks	~~Acid~~ AA2 cemt	RATE	PRESS	ISIP
Depth 4611	Depth	From	To 100sks	Pre Pad 60/40poz	Max		5 Min.
Volume 109.7	Volume	From	To	Pad	Min		10 Min.
Max Press	Max Press	From	To	Frac	Avg		15 Min.
Well Connection 4599	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth P.C.	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative J.R. Griffen | Station Manager Dave Scott | Treater Steve Orlando

Service Units	27283	19831	19862	19889	19842						
Driver Names	Orlando	M. Mebraw		J. Anthony							

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1:00 AM					On location Safety meeting
					Run 5½ casing Baskets 2-10
					Centralizers 1-2-3-4-5-6
					Casing On Bottom Break Circ w/ Rig
7:15	300		13	4	mix 35sks 60/40 poz @ 13# /Gal
9:18	300		48	4	mix 200sks AA2 @ 15.3 #/Gal
					Shut Down - Clear pump + Line
					Release plug
9:37	0		0	5	Start H20 Displacement w 2% KCL
9:50	350		70	4	Lift Pressure
9:57	600		100	4	Slow Rate
10:00 PM	1500		109.5	3	Plug Down
					JOB Complete

Taylor Printing, Inc. 620-672-3656

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Charles N. Griffin**

P O Box 347
Pratt Ks 67124

ATTN: Charles Griffin

31-33s-8w Harper,Ks

Dena B#1

Start Date: 2010.09.06 @ 07:40:39
End Date: 2010.09.06 @ 15:55:03
Job Ticket #: 40142 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC

Charles N. Griffin

P O Box 347
Pratt Ks 67124

ATTN: Charles Griffin

Dena B#1

31-33s-8w Harper,Ks

Job Ticket: 40142 **DST#: 1**

Test Start: 2010.09.06 @ 07:40:39

GENERAL INFORMATION:

Formation: **Miss**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 10:30:04
Time Test Ended: 15:55:03

Test Type: Conventional Bottom Hole
Tester: Ray Schwager
Unit No: 42

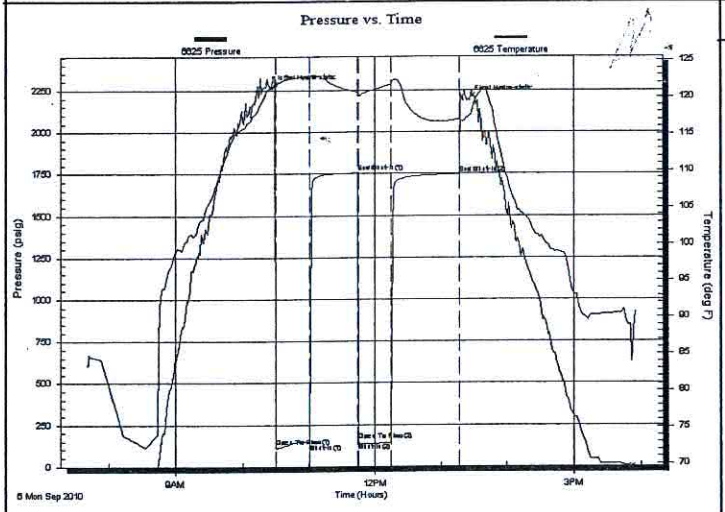
Interval: 4512.00 ft (KB) To 4530.00 ft (KB) (TVD)
Total Depth: 4530.00 ft (KB) (TVD)
Hole Diameter: 7.85 inches Hole Condition: Poor

Reference Elevations: 1309.00 ft (KB)
1300.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 6625 **Inside**
Press@RunDepth: 143.59 psig @ 4513.00 ft (KB)
Start Date: 2010.09.06 End Date: 2010.09.06
Start Time: 07:40:39 End Time: 15:55:03

Capacity: 8000.00 psig
Last Calib.: 2010.09.06
Time On Btm: 2010.09.06 @ 10:25:34
Time Off Btm: 2010.09.06 @ 13:24:33

TEST COMMENT: IFP-strg bl GTS in 3 min
FFP-GTS



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2264.75	121.16	Initial Hydro-static
5	122.49	121.41	Open To Flow (1)
35	139.78	122.63	Shut-In(1)
79	1756.41	120.67	End Shut-In(1)
80	153.34	120.24	Open To Flow (2)
110	143.59	121.84	Shut-In(2)
172	1748.76	117.06	End Shut-In(2)
179	2190.30	117.31	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	HO&GCM 20%G30%O50%M	0.28
60.00	MGO 20%G58%O10%W12%M	0.84

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.50	26.00	272.53
Last Gas Rate	0.75	26.00	631.04
Max. Gas Rate	0.50	48.00	420.93

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Charles N. Griffin

P O Box 347
Pratt Ks 67124

ATTN: Charles Griffin

Dena B#1

31-33s-8w Harper,Ks

Job Ticket: 40142 **DST#: 1**

Test Start: 2010.09.06 @ 07:40:39

Tool Information

Drill Pipe:	Length:	4511.00 ft	Diameter:	3.80 inches	Volume:	63.28 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
					Total Volume:	63.28 bbl	

Drill Pipe Above KB:	20.00 ft
Depth to Top Packer:	4512.00 ft
Depth to Bottom Packer:	ft
Interval between Packers:	18.00 ft
Tool Length:	39.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:		2200.00 lb
Weight set on Packer:		25000.00 lb
Weight to Pull Loose:		80000.00 lb
Tool Chased		0.00 ft
String Weight:	Initial	67000.00 lb
	Final	67000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4492.00		
Shut In Tool	5.00			4497.00		
Hydraulic tool	5.00			4502.00		
Packer	5.00			4507.00	21.00	Bottom Of Top Packer
Packer	5.00			4512.00		
Stubb	1.00			4513.00		
Recorder	0.00	6625	Inside	4513.00		
Recorder	0.00	8652	Outside	4513.00		
Perforations	14.00			4527.00		
Bullnose	3.00			4530.00	18.00	Bottom Packers & Anchor
Total Tool Length:	**39.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Charles N. Griffin

P O Box 347
Pratt Ks 67124

ATTN: Charles Griffin

Dena B#1

31-33s-8w Harper,Ks

Job Ticket: 40142 **DST#: 1**

Test Start: 2010.09.06 @ 07:40:39

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	deg API
Mud Weight:	10.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	56.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	10.74 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	3000.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	HO&GCM 20%G30%O50%M	0.281
60.00	MGO 20%G58%O10%W12%M	0.842

Total Length: 80.00 ft Total Volume: 1.123 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

Charles N. Griffin

P O Box 347
Pratt Ks 67124

ATTN: Charles Griffin

Dena B#1

31-33s-8w Harper,Ks

Job Ticket: 40142 **DST#: 1**

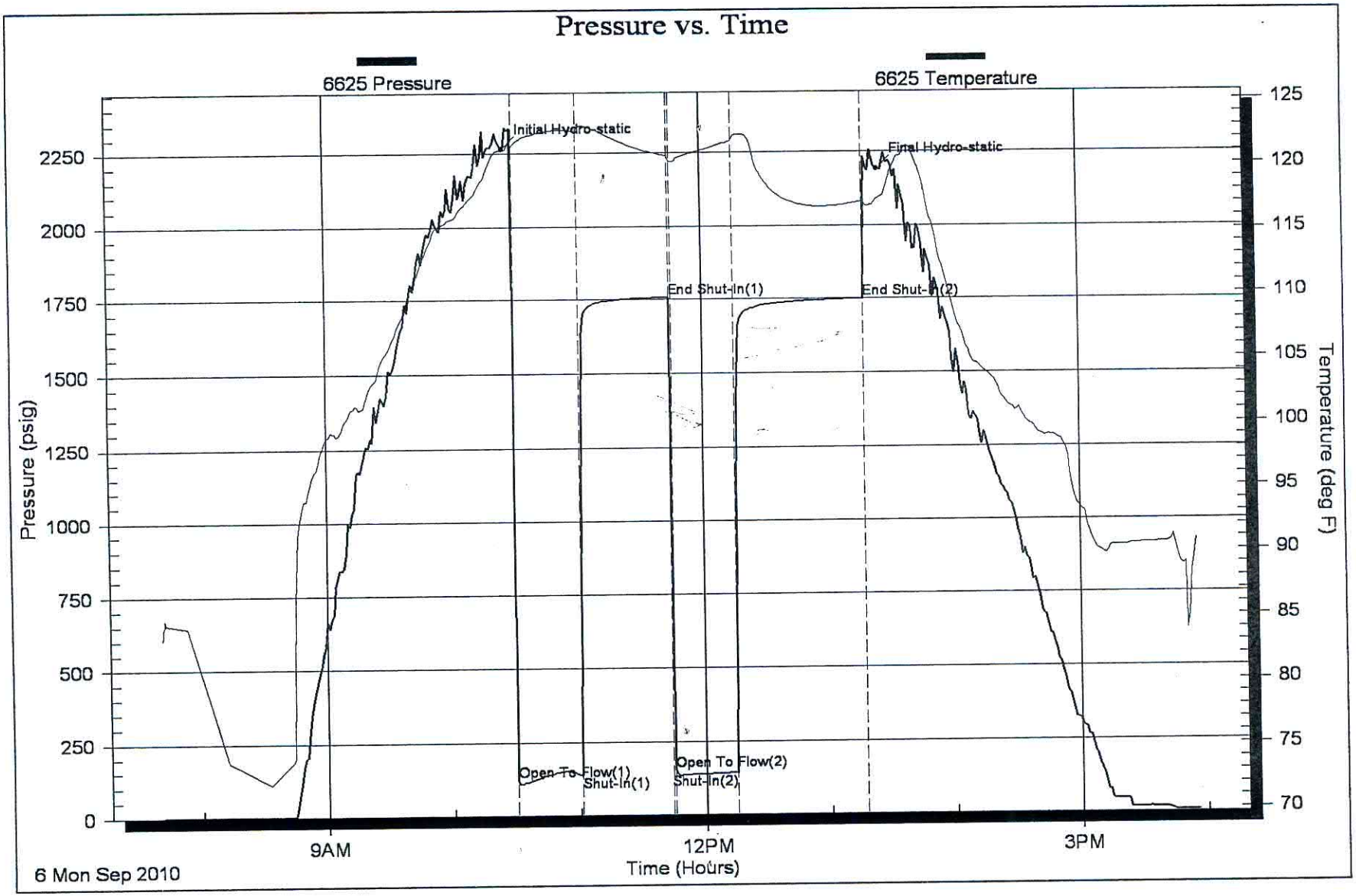
Test Start: 2010.09.06 @ 07:40:39

Gas Rates Information

Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m^3/d)
1	5	0.50	26.00	272.53
1	5	0.50	26.00	272.53
1	15	0.50	48.00	420.93
2	5	0.75	23.00	584.18
2	15	0.75	26.00	631.04
2	25	0.75	26.00	631.04


Pressure vs. Time
6625 Pressure
6625 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Open To Flow(1)
Shut-In(1)
Open To Flow(2)
Shut-In(2)
Pressure (psig)
Temperature (deg F)
2250
2000
1750
1500
1250
1000
750
500
250
0
125
120
115
110
105
100
95
90
85
80
75
70
9AM
12PM
3PM
Time (Hours)
6 Mon Sep 2010