



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1070626
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: _____

1070626

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

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> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	F. G. Holl Company L.L.C.
Well Name	REECE 'A' 1-1
Doc ID	1070626

All Electric Logs Run

CNL/CDL
Microresistivity log
BHCS
DIL
CPI
Fracfinder

Form	ACO1 - Well Completion
Operator	F. G. Holl Company L.L.C.
Well Name	REECE 'A' 1-1
Doc ID	1070626

Tops

Name	Top	Datum
Anhydrite	1435	+863
Herrington	2430	
Winfield	2482	
Towanda	2554	
Ft Riley	2608	
Kinney Ls	2701	-403
Wrefold	2740	-442
Council Grove	2773	
Crouse	2816	
Neva	3020	
Red Eagle	3082	
Stotler	3311	

Mud-Co / Service Mud Inc.

Operator FG Holl County Hodgeman State Kansas Pump 6 X 15 X 60 SPM Casing Program 8 5/8 * @ 1032 ft.
 Well Reece A #1-1 Location _____ GPM 8.76 BPM _____ * @ _____ ft.
 Contractor Duke Drilling #5 Sec. 1 TWP 23S RNG 22W D.P. 4.5 in. 216 FT/MIN R.A. _____ * @ _____ ft.
 Stockpoint Hays, Kansa Date 12/9/2011 Engineer Jason Whiting Collar 6.25 in. 450 ft. 393 FT/MIN R.A. Total Depth 4650' ft.

DATE	DEPTH feet	WEIGHT lb/gal	VISCOSITY			GELS 10 sec / 10 min.	pH	FILTRATION/FILTRATION ANALYSIS					SAND %	RETORT			L.C.M.	Pump Press. PSI	CUMULATIVE COST	REMARKS AND TREATMENT
			Sec API @ F	PV @ F	Yp			ml API	Cl 32nds	Pres. #WSL	Cl ppm	Ca ppm		Solids %	Oil %	Water %				
12/8	0																			RURT
12/10	790	10.2	38				7.0	N/C				4,800	Hvy	13.8		86.2	1			Bit Trip.
12/12	2376	9.6	35				7.0	N/C				91M	Hvy	3.8		96.2				Drig. mud up w/ Starch @ 2400'
12/13	3150	8.7	51	11	15	9/30	11.0	7.2	1			4,800	20	2.6		97.4				Drig. Displaced w/ chemical
12/14	3975	9.5	48	14	14	10/33	10.0	8.8	1			6,700	20	8.1		91.9				Drig. at 3050'
12/15	4371	9.7	58	18	20	13/42	10.5	7.6	1			7,500	20	9.5		90.5				Drig.
12/16	4475	9.4	50	17	14	8/36	10.0	7.2	1			5,700	20	7.5		92.5				Drig. DST #1 @ 4380'
12/17	4560	9.5	74	18	22	13/52	9.5	7.6	1			7,500	40	8.0		92.0				TIH w/ bit DST #2 @ 4560'
12/18	4650	9.5	60	14	20	10/42	10.5	8.8	1			6,500	20	8.1		91.9				CTCH f/ Logs DST #3 @ 4570'
12/19	4650																			RDRT
																			FINAL: Ran 3 DST's, Logs OK, Plugged well	
																			Reserve Pit, Chl content ppm: 14,800 ppm Estimated Volume: approx 900 bbls	

MUD-CO / SERVICE MUD INC.

100 S. Main Suite #310
Wichita, Ks. 67202
316/264-2814 Fax: 316/264-5024

DRILLING MUD RECAP

Materials	Sacks	Amount	Materials	Sacks	Amount	Amount
C/S HULLS	21					
CAUSTIC SODA	23					
CO-POLY-L	1					
DRILL PAK	6					
LIME	5					
PREMIUM GEL	400					
SALT CLAY	15					
SODA ASH	31					
STARCH	55					
SUPER LIG	14					
						Total Mud Cost
						Trucking Cost
						Trucking Surcharge
						Taxes
						TOTAL COST

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

January 05, 2012

Franklin R. Greenbaum
F. G. Holl Company L.L.C.
9431 E CENTRAL STE 100
WICHITA, KS 67206-2563

Re: ACO1
API 15-083-21740-00-00
REECE 'A' 1-1
NE/4 Sec.01-23S-22W
Hodgeman County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Franklin R. Greenbaum



DRILL STEM TEST REPORT

Prepared For: **F G Holl Company**

9431 East Central Suite#100
Wichita, Kansas 67206+2563

ATTN: Ryan Greenbaum

Reece " A " #1-1

1/23S/22W Hodgeman Co.

Start Date: 2011.12.15 @ 04:49:00

End Date: 2011.12.16 @ 13:13:30

Job Ticket #: 18858 DST #: 1

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2011.12.15 @ 23:27:36



DRILL STEM TEST REPORT

F G Holl Company
 9431 East Central Suite#100
 Wichita, Kansas 67206+2563
 ATTN: Ryan Greenbaum

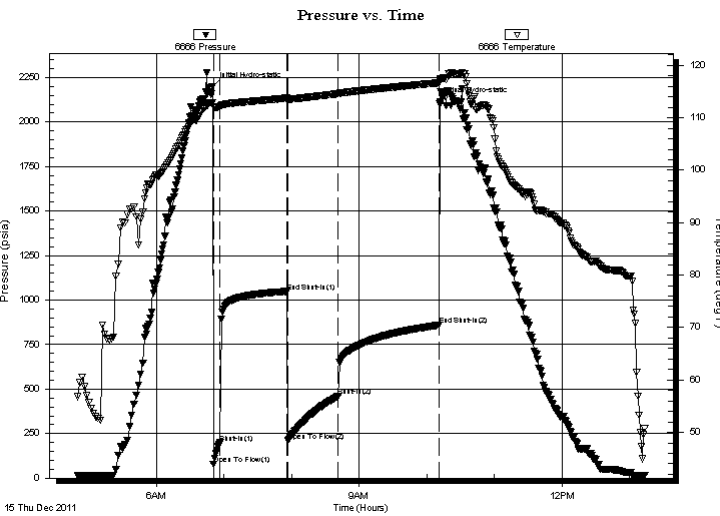
1/23S/22W Hodgeman Co.
Reece " A " #1-1
 Job Ticket: 18858 **DST#: 1**
 Test Start: 2011.12.15 @ 04:49:00

GENERAL INFORMATION:

Formation: **Marmaton**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 06:50:30 Tester: Dylan E Ellis
 Time Test Ended: 13:13:30 Unit No: 3335/Great Bend/124
 Interval: **4380.00 ft (KB) To 4330.00 ft (KB) (TVD)** Reference Elevations: 2311.00 ft (KB)
 Total Depth: 4380.00 ft (KB) (TVD) 2300.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 11.00 ft

Serial #: 6666 Outside
 Press @ RunDepth: 461.57 psia @ 4376.88 ft (KB) Capacity: 5000.00 psia
 Start Date: 2011.12.15 End Date: 2011.12.16 Last Calib.: 2011.12.16
 Start Time: 04:49:00 End Time: 13:13:30 Time On Btm: 2011.12.15 @ 06:49:30
 Time Off Btm: 2011.12.15 @ 10:12:00

TEST COMMENT: 1ST Opening 5 Minutes fair building blow/blow blew to bottom of bucket in 5 minutes
 1ST Shut-In 60 Minutes yes blow back
 2ND Opening 45 Minutes fair building blow/blow blew to bottom of bucket in 7 minutes
 2ND Shut-In 90 Minutes yes blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2199.60	112.87	Initial Hydro-static
1	76.14	112.13	Open To Flow (1)
7	198.37	112.13	Shut-In(1)
66	1048.62	113.77	End Shut-In(1)
67	209.89	113.56	Open To Flow (2)
112	461.57	114.60	Shut-In(2)
202	859.64	116.68	End Shut-In(2)
203	2115.32	117.33	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
945.00	Lightly Gassy Salt Water	10.39
0.00	Gas-5% Water-95%	0.00
0.00	Chlorides were 79,000	0.00
0.00	Resistivity was .18 @ 78 degrees	0.00

Gas Rates

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



DRILL STEM TEST REPORT

F G Holl Company

1/23S/22W Hodgeman Co.

9431 East Central Suite#100
Wichita, Kansas 67206+2563

Reece " A " #1-1

Job Ticket: 18858

DST#: 1

ATTN: Ryan Greenbaum

Test Start: 2011.12.15 @ 04:49:00

GENERAL INFORMATION:

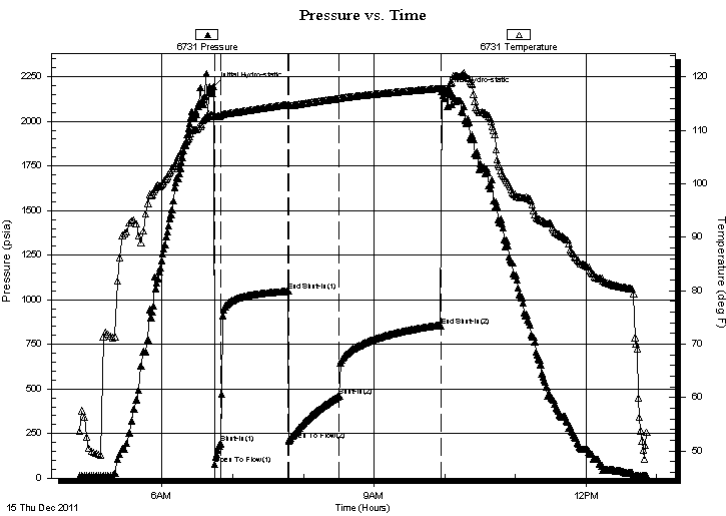
Formation: **Marmaton**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 06:50:30
 Tester: Dylan E Ellis
 Time Test Ended: 13:13:30
 Unit No: 3335/Great Bend/124
 Interval: **4380.00 ft (KB) To 4330.00 ft (KB) (TVD)**
 Reference Elevations: 2311.00 ft (KB)
 Total Depth: 4380.00 ft (KB) (TVD)
 2300.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 KB to GR/CF: 11.00 ft

Serial #: 6731

Inside

Press @ RunDepth: 851.05 psia @ 4375.88 ft (KB) Capacity: psia
 Start Date: 2011.12.15 End Date: 2011.12.15 Last Calib.: 1899.12.30
 Start Time: 04:49:00 End Time: 12:51:30 Time On Btm: 2011.12.15 @ 06:43:30
 Time Off Btm: 2011.12.15 @ 09:57:30

TEST COMMENT: 1ST Opening 5 Minutes fair building blow/blow blew to bottom of bucket in 5 minutes
 1ST Shut-In 60 Minutes yes blow back
 2ND Opening 45 Minutes fair building blow/blow blew to bottom of bucket in 7 minutes
 2ND Shut-In 90 Minutes yes blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2196.18	112.93	Initial Hydro-static
1	78.16	112.58	Open To Flow (1)
7	196.42	112.76	Shut-In(1)
64	1047.68	114.88	End Shut-In(1)
65	211.84	114.66	Open To Flow (2)
107	460.35	115.99	Shut-In(2)
193	851.05	117.89	End Shut-In(2)
194	2167.69	117.83	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
945.00	Lightly Gassy Salt Water	10.39
0.00	Gas-5% Water-95%	0.00
0.00	Chlorides were 79,000	0.00
0.00	Resistivity was .18 @ 78 degrees	0.00

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

F G Holl Company

1/23S/22W Hodgeman Co.

9431 East Central Suite#100
Wichita, Kansas 67206+2563

Reece " A " #1-1

Job Ticket: 18858

DST#: 1

ATTN: Ryan Greenbaum

Test Start: 2011.12.15 @ 04:49:00

Tool Information

Drill Pipe:	Length: 4010.00 ft	Diameter: 3.80 inches	Volume: 56.25 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: 314.42 ft	Diameter: 2.25 inches	Volume: 1.55 bbl	Weight to Pull Loose: 32000.00 lb
			Total Volume: 57.80 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	14.42 ft			String Weight: Initial 76000.00 lb
Depth to Top Packer:	4330.00 ft			Final 79000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	49.88 ft			
Tool Length:	69.88 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut-In Tool	5.00			4315.00	
Hydraulic Tool	5.00			4320.00	
Top Packer	5.00			4325.00	
Packer	5.00			4330.00	20.00 Bottom Of Top Packer
Perforations	6.00			4336.00	
Change Over Sub	0.75			4336.75	
Drill Pipe	31.38			4368.13	
Change Over Sub	0.75			4368.88	
Anchor	6.00			4374.88	
Recorder	1.00	6731	Inside	4375.88	
Recorder	1.00	6666	Outside	4376.88	
Bull Plug	3.00			4379.88	49.88 Anchor Tool

Total Tool Length: 69.88



DRILL STEM TEST REPORT

FLUID SUMMARY

F G Holl Company

1/23S/22W Hodgeman Co.

9431 East Central Suite#100
Wichita, Kansas 67206+2563

Reece " A " #1-1

Job Ticket: 18858

DST#: 1

ATTN: Ryan Greenbaum

Test Start: 2011.12.15 @ 04:49:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 10.00 lb/gal
Viscosity: 58.00 sec/qt
Water Loss: 7.60 in³
Resistivity: ohm.m
Salinity: 7600.00 ppm
Filter Cake: 1.00 inches

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

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
945.00	Lightly Gassy Salt Water	10.392
0.00	Gas-5% Water-95%	0.000
0.00	Chlorides were 79,000	0.000
0.00	Resistivity was .18 @ 78 degrees	0.000

Total Length: 945.00 ft Total Volume: 10.392 bbl

Num Fluid Samples: 0

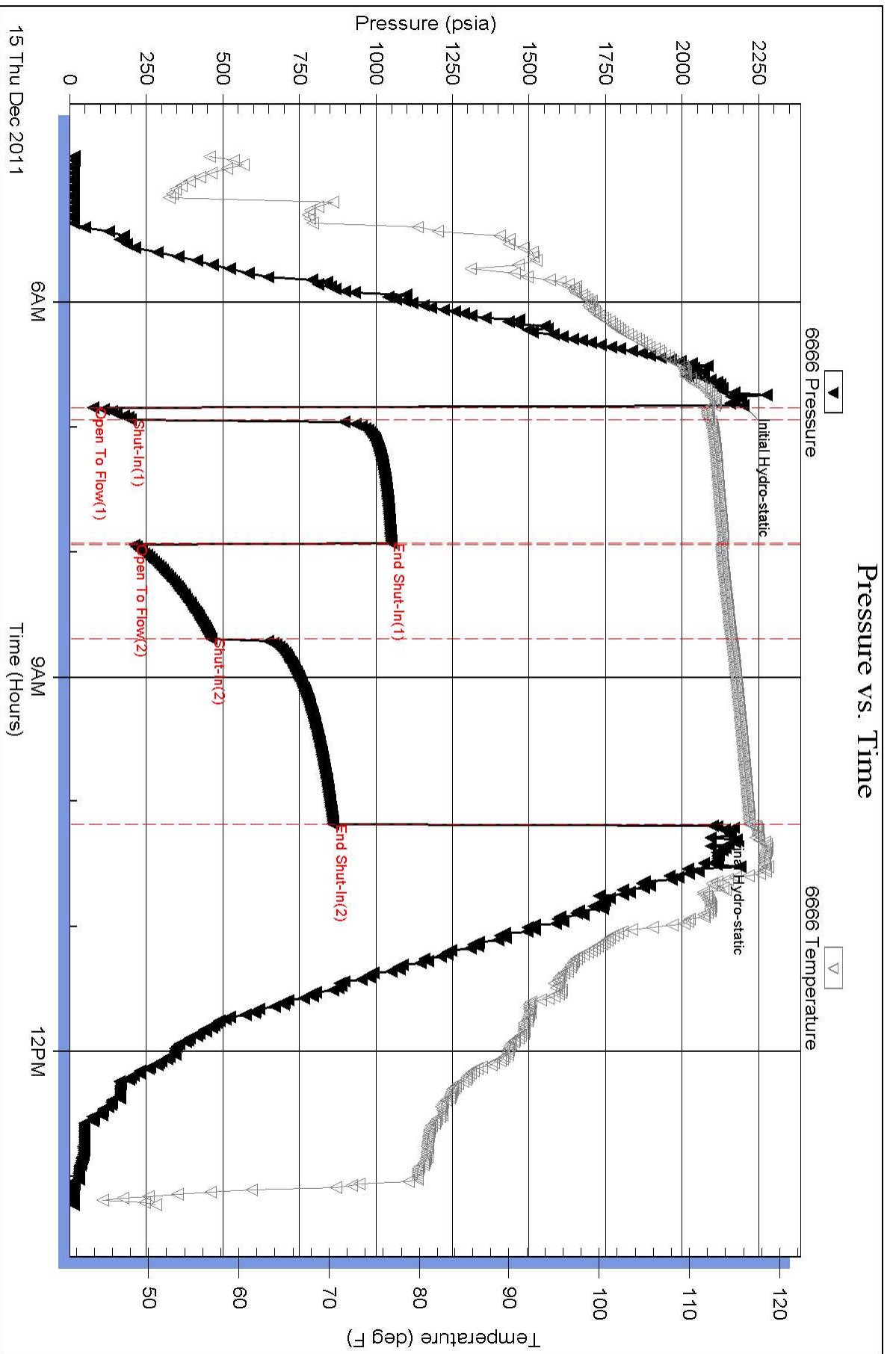
Num Gas Bombs: 0

Serial #:

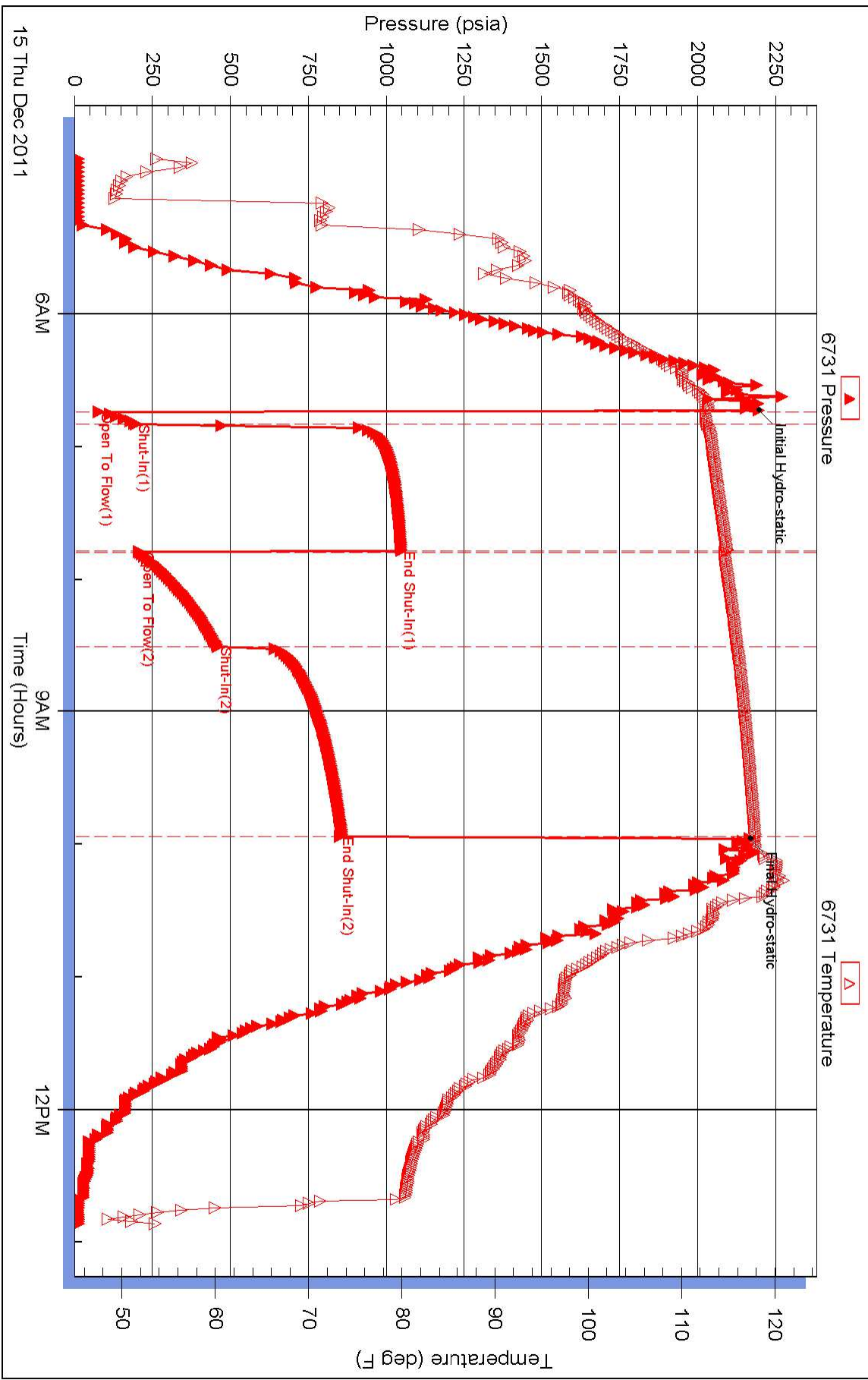
Laboratory Name:

Laboratory Location:

Recovery Comments:



Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **F G Holl Company**

9431 East Central Suite#100
Wichita, Kansas 67206+2563

ATTN: Ryan Greenbaum

Reece " A " #1-1

1/23S/22W Hodgeman Co.

Start Date: 2011.12.17 @ 12:33:00

End Date: 2011.12.17 @ 19:48:30

Job Ticket #: 18859 DST #: 2

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2011.12.17 @ 06:15:19



DRILL STEM TEST REPORT

F G Holl Company

1/23S/22W Hodgeman Co.

9431 East Central Suite#100
Wichita, Kansas 67206+2563

Reece " A " #1-1

Job Ticket: 18859

DST#: 2

ATTN: Ryan Greenbaum

Test Start: 2011.12.17 @ 12:33:00

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:29:00

Time Test Ended: 19:48:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Dylan E Ellis

Unit No: 3335/Great Bend/124

Interval: 4515.00 ft (KB) To 4560.00 ft (KB) (TVD)

Reference Elevations: 2311.00 ft (KB)

Total Depth: 4560.00 ft (KB) (TVD)

2300.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 6666 Outside

Press @ RunDepth: 91.65 psia @ 4557.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2011.12.17 End Date: 2011.12.17

Last Calib.: 2011.12.17

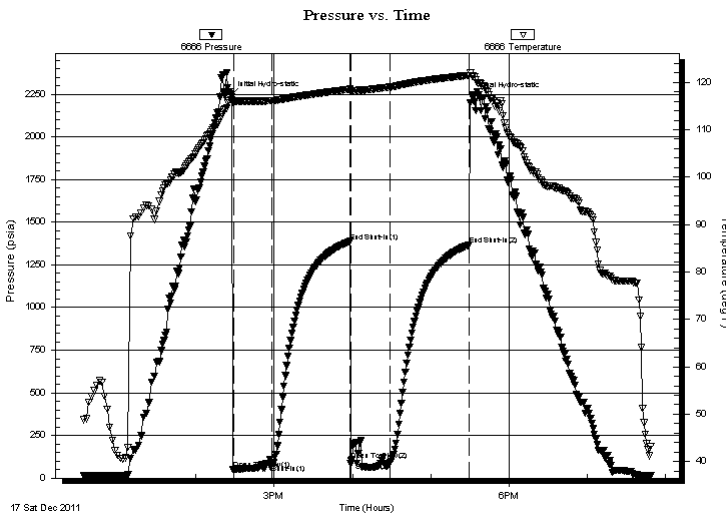
Start Time: 12:33:00 End Time: 19:48:30

Time On Btm: 2011.12.17 @ 14:27:00

Time Off Btm: 2011.12.17 @ 17:32:00

TEST COMMENT: 1ST Opening 30 Minutes very weak surface blow/no change
1ST Shut-In 60 Minutes no blow back
2ND Opening 30 Minutes blow dead through out the opening
2ND Shut-In 60 Minutes no blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2243.87	116.32	Initial Hydro-static
2	53.12	115.92	Open To Flow (1)
32	79.61	116.10	Shut-In(1)
91	1386.77	118.52	End Shut-In(1)
92	106.00	118.21	Open To Flow (2)
122	91.65	118.98	Shut-In(2)
183	1366.83	121.45	End Shut-In(2)
185	2234.50	121.32	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Very Lightly Oil spotted Mud-100%	0.05

Gas Rates

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



DRILL STEM TEST REPORT

F G Holl Company
 9431 East Central Suite#100
 Wichita, Kansas 67206+2563
 ATTN: Ryan Greenbaum

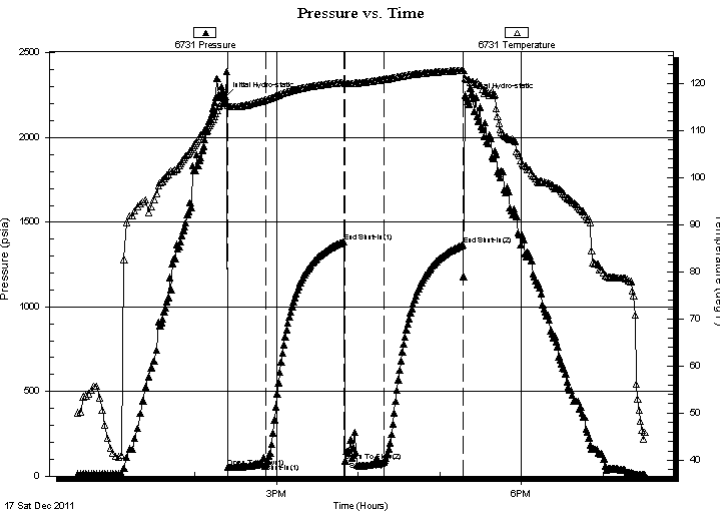
1/23S/22W Hodgeman Co.
Reece " A " #1-1
 Job Ticket: 18859 **DST#: 2**
 Test Start: 2011.12.17 @ 12:33:00

GENERAL INFORMATION:

Formation: **Mississippi**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 14:29:00 Tester: Dylan E Ellis
 Time Test Ended: 19:48:30 Unit No: 3335/Great Bend/124
 Interval: **4515.00 ft (KB) To 4560.00 ft (KB) (TVD)** Reference Elevations: 2311.00 ft (KB)
 Total Depth: 4560.00 ft (KB) (TVD) 2300.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 11.00 ft

Serial #: 6731 Inside
 Press @ Run Depth: 1365.14 psia @ 4556.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2011.12.17 End Date: 2011.12.17 Last Calib.: 2011.12.17
 Start Time: 12:33:00 End Time: 19:30:30 Time On Btm: 2011.12.17 @ 14:22:30
 Time Off Btm: 2011.12.17 @ 17:19:30

TEST COMMENT: 1ST Opening 30 Minutes very weak surface blow/no change
 1ST Shut-In 60 Minutes no blow back
 2ND Opening 30 Minutes blow dead through out the opening
 2ND Shut-In 60 Minutes no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2242.25	115.98	Initial Hydro-static
2	52.24	115.23	Open To Flow (1)
30	74.94	116.51	Shut-In(1)
87	1385.48	120.22	End Shut-In(1)
88	90.11	119.92	Open To Flow (2)
117	86.28	120.82	Shut-In(2)
175	1365.14	122.75	End Shut-In(2)
177	2237.47	120.83	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Very Lightly Oil spotted Mud-100%	0.05

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

F G Holl Company
 9431 East Central Suite#100
 Wichita, Kansas 67206+2563
 ATTN: Ryan Greenbaum

1/23S/22W Hodgeman Co.
Reece " A " #1-1
 Job Ticket: 18859 **DST#: 2**
 Test Start: 2011.12.17 @ 12:33:00

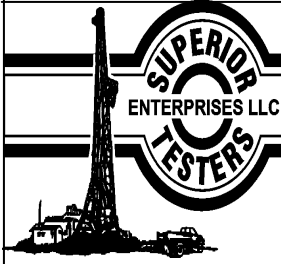
Tool Information

Drill Pipe:	Length: 4198.00 ft	Diameter: 3.80 inches	Volume: 58.89 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: 314.42 ft	Diameter: 2.25 inches	Volume: 1.55 bbl	Weight to Pull Loose:	23000.00 lb
			<u>Total Volume: 60.44 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	17.42 ft			String Weight: Initial	80000.00 lb
Depth to Top Packer:	4515.00 ft			Final	80000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	45.00 ft				
Tool Length:	65.00 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			4500.00	
Hydraulic Tool	5.00			4505.00	
Top Packer	5.00			4510.00	
Packer	5.00			4515.00	20.00 Bottom Of Top Packer
Anchor	40.00			4555.00	
Recorder	1.00	6731	Inside	4556.00	
Recorder	1.00	6666	Outside	4557.00	
Bull Plug	3.00			4560.00	45.00 Anchor Tool

Total Tool Length: 65.00



DRILL STEM TEST REPORT

FLUID SUMMARY

F G Holl Company

1/23S/22W Hodgeman Co.

9431 East Central Suite#100
Wichita, Kansas 67206+2563

Reece " A " #1-1

Job Ticket: 18859

DST#: 2

ATTN: Ryan Greenbaum

Test Start: 2011.12.17 @ 12:33:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 50.00 sec/qt
Water Loss: 7.20 in³
Resistivity: ohm.m
Salinity: 5700.00 ppm
Filter Cake: 1.00 inches

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

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Very Lightly Oil spotted Mud-100%	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

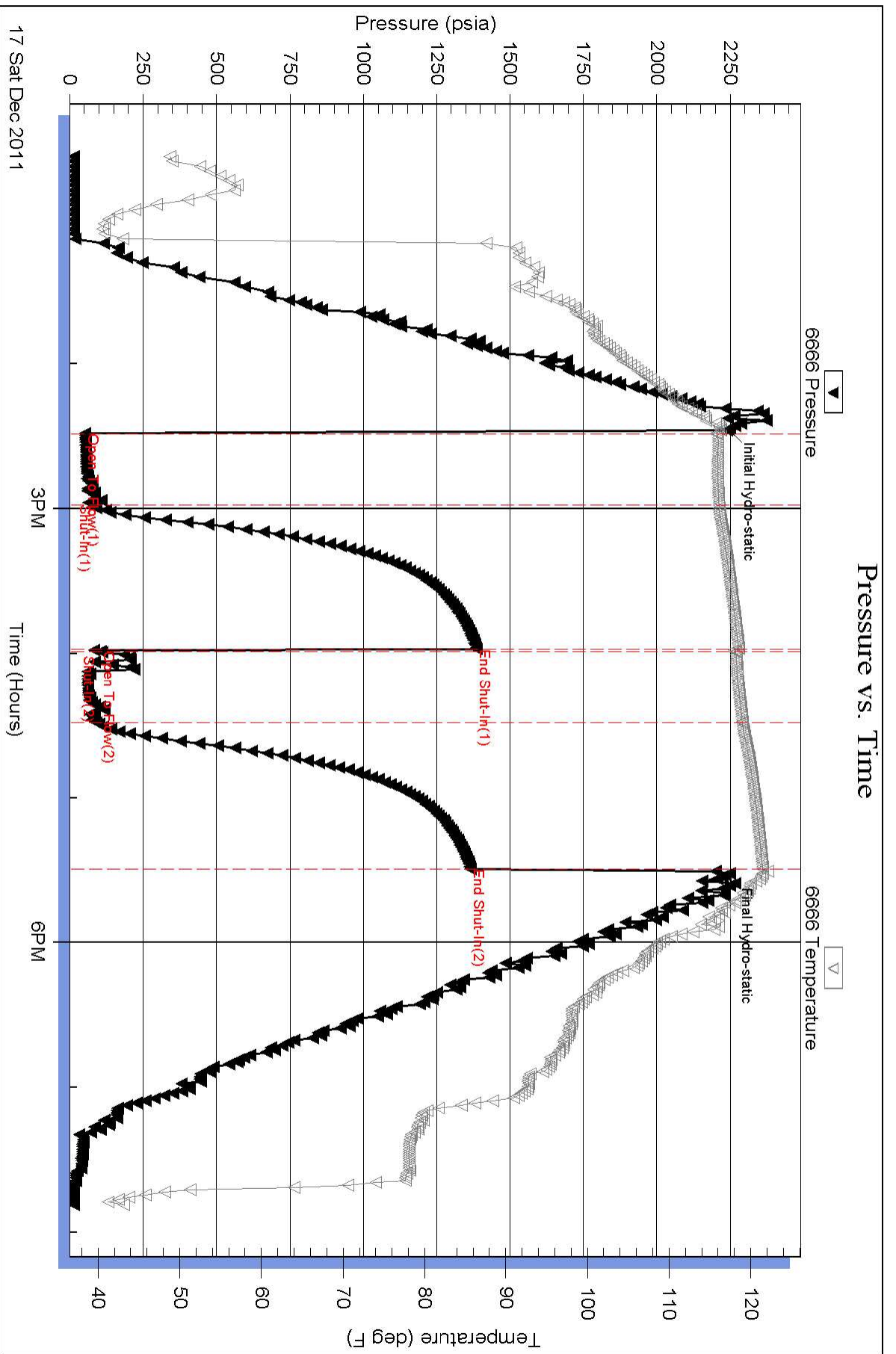
Num Gas Bombs: 0

Serial #:

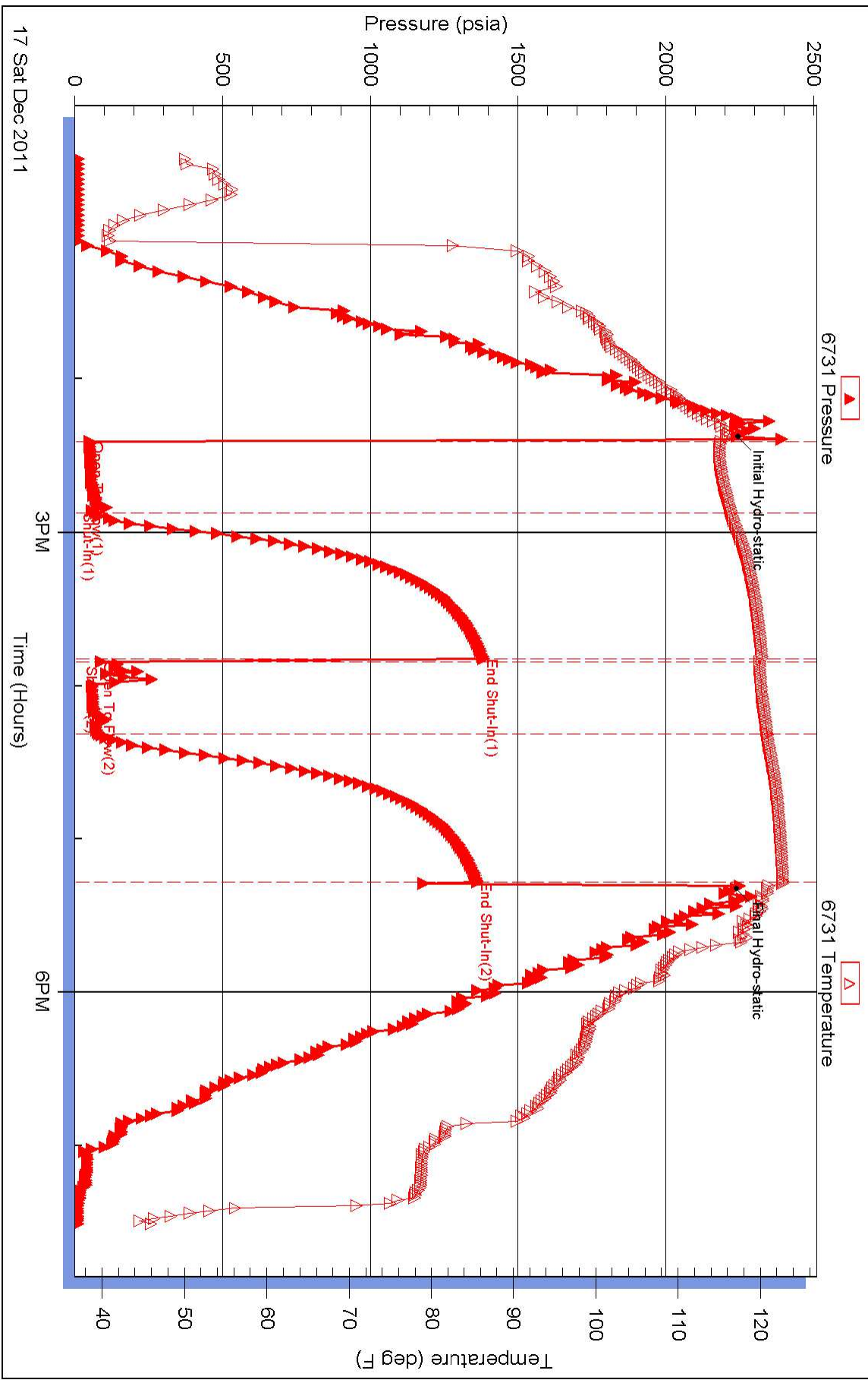
Laboratory Name:

Laboratory Location:

Recovery Comments:



Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **F G Holl Company**

9431 East Central Suite#100
Wichita, Kansas 67206+2563

ATTN: Ryan Greenbaum

Reece " A " #1-1

1/23S/22W Hodgeman Co.

Start Date: 2011.12.17 @ 05:50:00

End Date: 2011.12.18 @ 13:59:00

Job Ticket #: 18860 DST #: 3

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2011.12.18 @ 00:22:30



DRILL STEM TEST REPORT

F G Holl Company
 9431 East Central Suite#100
 Wichita, Kansas 67206+2563
 ATTN: Ryan Greenbaum

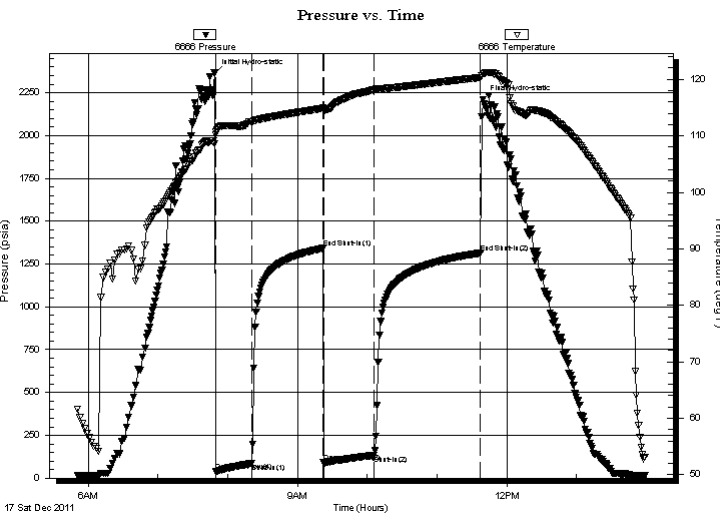
1/23S/22W Hodgeman Co.
Reece " A " #1-1
 Job Ticket: 18860 **DST#: 3**
 Test Start: 2011.12.17 @ 05:50:00

GENERAL INFORMATION:

Formation: **Mississippi**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 07:50:00 Tester: Dylan E Ellis
 Time Test Ended: 13:59:00 Unit No: 3335/Great Bend/124
 Interval: **4559.00 ft (KB) To 4570.00 ft (KB) (TVD)** Reference Elevations: 2311.00 ft (KB)
 Total Depth: 4570.00 ft (KB) (TVD) 2300.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 11.00 ft

Serial #: 6666 Outside
 Press @ Run Depth: 133.65 psia @ 4567.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2011.12.17 End Date: 2011.12.18 Last Calib.: 2011.12.18
 Start Time: 05:50:00 End Time: 13:59:00 Time On Btm: 2011.12.17 @ 07:48:30
 Time Off Btm: 2011.12.17 @ 11:39:30

TEST COMMENT: 1ST Opening 30 Minutes weak building blow /blow blew 6 inches into bucket
 1ST Shut-In 60 Minutes yes/ slight
 2ND Opening 45 Minutes very weak blow /blow blew 2 inches into the bucket
 2ND Shut-In 90 Minutes yes/died out



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2363.48	108.64	Initial Hydro-static
2	37.32	110.77	Open To Flow (1)
32	86.44	112.50	Shut-In(1)
94	1341.71	114.89	End Shut-In(1)
95	89.56	114.57	Open To Flow (2)
138	133.65	118.19	Shut-In(2)
229	1313.65	120.31	End Shut-In(2)
231	2209.10	120.96	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	Clean free Oil 100%	0.30
180.00	Salt Water 100% /Slightly spotted Oil	0.89
0.00	Gravity of Oil corrected w as 36	0.00
0.00	Chlorides were 19,000	0.00
0.00	Resistivity was .19 @ 86 degrees	0.00

Gas Rates

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



DRILL STEM TEST REPORT

F G Holl Company
 9431 East Central Suite#100
 Wichita, Kansas 67206+2563
 ATTN: Ryan Greenbaum

1/23S/22W Hodgeman Co.
Reece " A " #1-1
 Job Ticket: 18860 **DST#: 3**
 Test Start: 2011.12.17 @ 05:50:00

GENERAL INFORMATION:

Formation: **Mississippi**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 07:50:00 Tester: Dylan E Ellis
 Time Test Ended: 13:59:00 Unit No: 3335/Great Bend/124
 Interval: **4559.00 ft (KB) To 4570.00 ft (KB) (TVD)** Reference Elevations: 2311.00 ft (KB)
 Total Depth: 4570.00 ft (KB) (TVD) 2300.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 11.00 ft

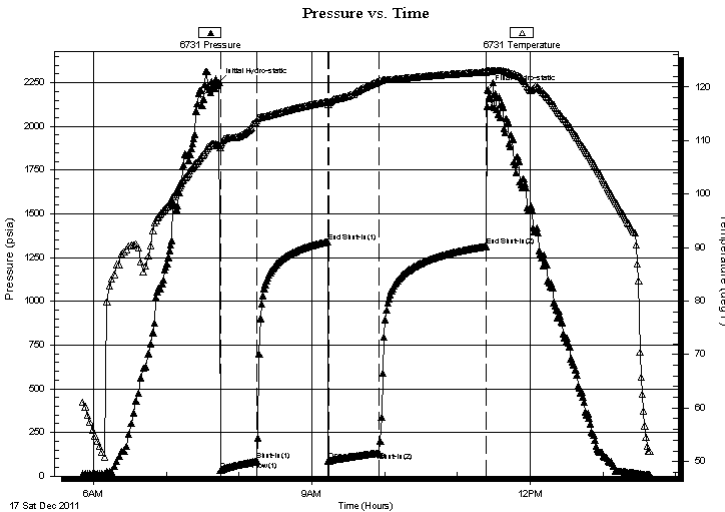
Serial #: 6731

Inside

Press @ RunDepth: 1313.99 psia @ 4566.00 ft (KB) Capacity: psia
 Start Date: 2011.12.17 End Date: 2011.12.17 Last Calib.: 1899.12.30
 Start Time: 05:50:00 End Time: 13:38:30 Time On Btm: 2011.12.17 @ 07:43:30
 Time Off Btm: 2011.12.17 @ 11:25:00

TEST COMMENT: 1ST Opening 30 Minutes weak building blow /blow blew 6 inches into bucket
 1ST Shut-In 60 Minutes yes/ slight
 2ND Opening 45 Minutes very weak blow /blow blew 2 inches into the bucket
 2ND Shut-In 90 Minutes yes/died out

PRESSURE SUMMARY



Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2251.71	109.09	Initial Hydro-static
2	36.23	109.30	Open To Flow (1)
31	88.61	113.72	Shut-In(1)
90	1340.51	117.27	End Shut-In(1)
91	88.12	117.14	Open To Flow (2)
132	133.26	121.09	Shut-In(2)
220	1313.99	122.83	End Shut-In(2)
222	2210.68	123.02	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	Clean free Oil 100%	0.30
180.00	Salt Water 100% /Slightly spotted Oil	0.89
0.00	Gravity of Oil corrected w as 36	0.00
0.00	Chlorides were 19,000	0.00
0.00	Resistivity was .19 @ 86 degrees	0.00

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

F G Holl Company

1/23S/22W Hodgeman Co.

9431 East Central Suite#100
Wichita, Kansas 67206+2563

Reece " A " #1-1

Job Ticket: 18860

DST#: 3

ATTN: Ryan Greenbaum

Test Start: 2011.12.17 @ 05:50:00

Tool Information

Drill Pipe:	Length: 4226.00 ft	Diameter: 3.80 inches	Volume: 59.28 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: 314.42 ft	Diameter: 2.25 inches	Volume: 1.55 bbl	Weight to Pull Loose: 20000.00 lb
			<u>Total Volume: 60.83 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	9.42 ft			String Weight: Initial 78000.00 lb
Depth to Top Packer:	4559.00 ft			Final 80000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	11.00 ft			
Tool Length:	39.00 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			4536.00	
HYD S.I. Tool	5.00			4541.00	
Jars	6.00			4547.00	
Safety Joint	2.00			4549.00	
Top Packer	5.00			4554.00	
Packer	5.00			4559.00	28.00 Bottom Of Top Packer
Anchor	6.00			4565.00	
Recorder	1.00	6731	Inside	4566.00	
Recorder	1.00	6666	Outside	4567.00	
Bull Plug	3.00			4570.00	11.00 Anchor Tool
Total Tool Length:	39.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

F G Holl Company

1/23S/22W Hodgeman Co.

9431 East Central Suite#100
Wichita, Kansas 67206+2563

Reece " A " #1-1

Job Ticket: 18860

DST#: 3

ATTN: Ryan Greenbaum

Test Start: 2011.12.17 @ 05:50:00

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: 74.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.60 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psia

Salinity: 7500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
60.00	Clean free Oil 100%	0.295
180.00	Salt Water 100% /Slightly spotted Oil	0.885
0.00	Gravity of Oil corrected w as 36	0.000
0.00	Chlorides were 19,000	0.000
0.00	Resistivity w as .19 @ 86 degrees	0.000

Total Length: 240.00 ft

Total Volume: 1.180 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

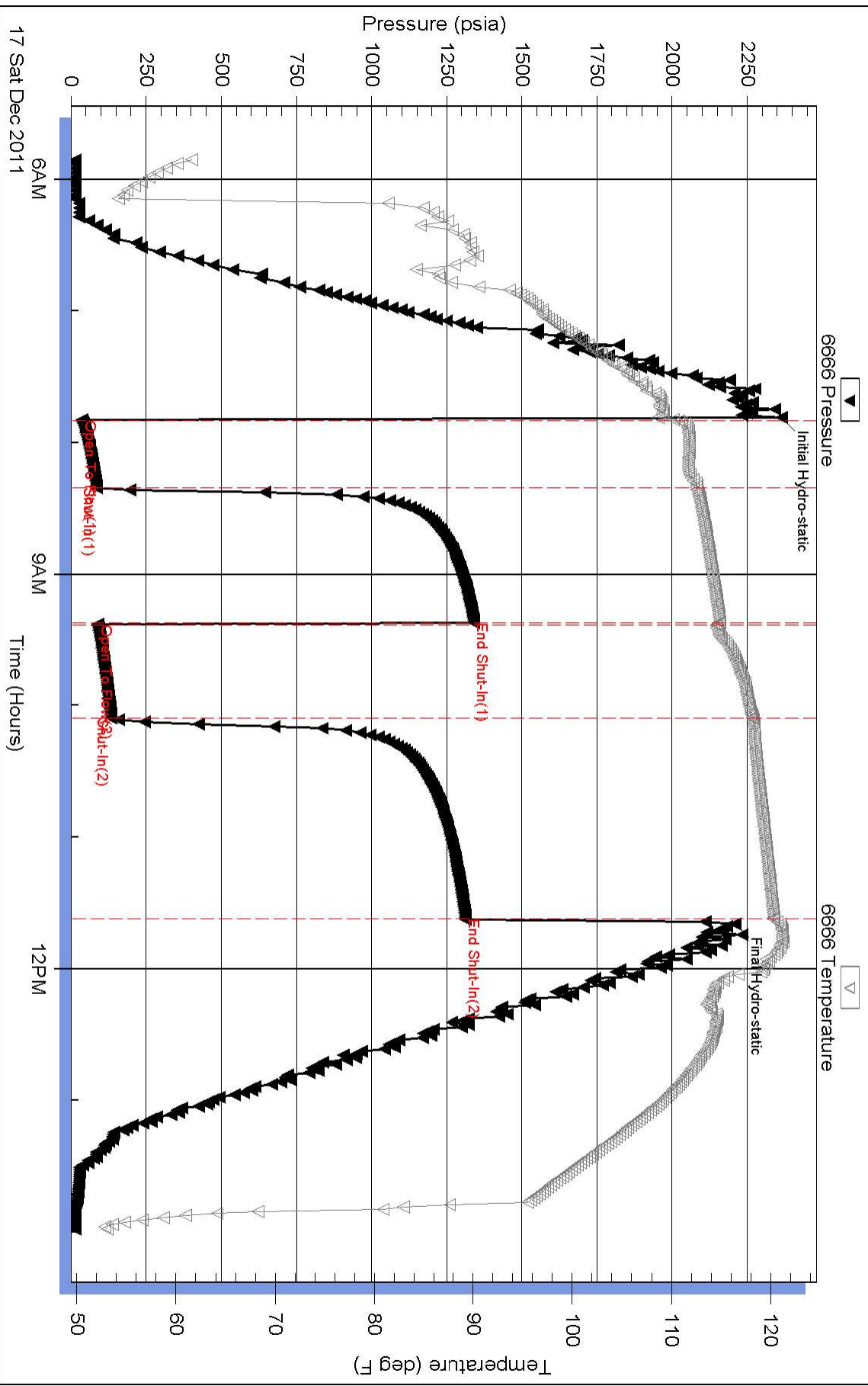
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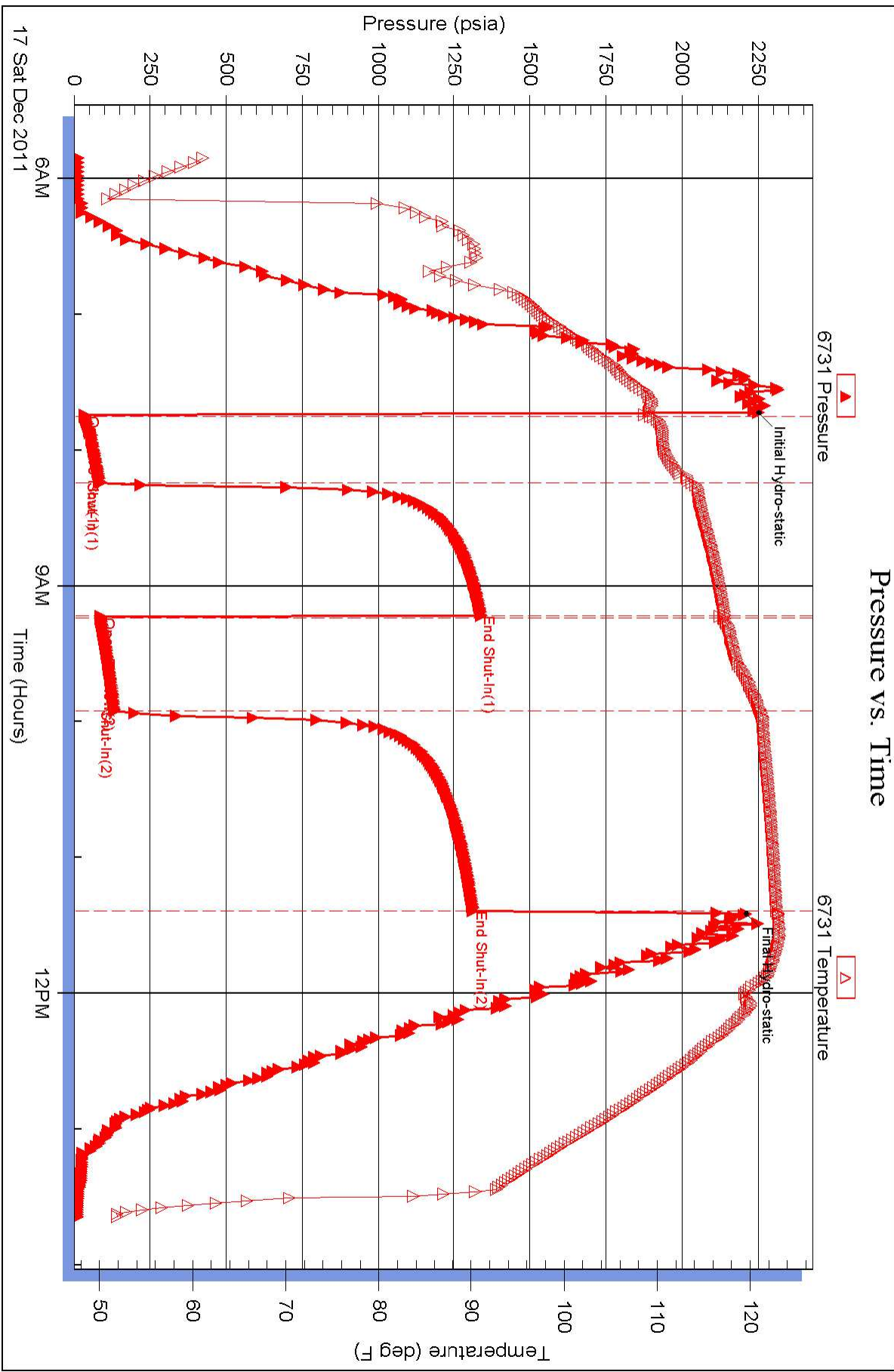
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





BASIC

energy services, L.P.

TREATMENT REPORT

Customer EG Hall Co LLC	Lease No.	Date 12-10-11
Lease Beece	Well # 1-1	
Field Order # #104430A	Station Pratt KS	Casing 8 5/8"
Type Job 8 5/8" Surface	Depth 1037'	County Hodgeman
	Formation TO 1045'	State KS
		Legal Description 1-23-23

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
4 3/8"				A-Con Blend	170 gal		
Depth 1037'	Depth	From	To	Pro Pad	Max		ISIP
				Common	20 gal	3 gal	44" C.F. @ 15"
Volume 64 1/2	Volume	From	To	Pad	Min		10 Min.
Max Press 500+	Max Press	From	To	Free	Avg		15 Min.
Well Connection PL	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth 1017'	Packer Depth	From	To	Flush Disp H2O free	Gas Volume		Total Load

Customer Representative McGuire	Station Manager scotty	Treater Allen
Service Units 19873 19903 19905	19873 19903 19905	
Driver Names Allen Mike Mattal	McCaskey	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
3:30 pm					on Loc Discuss Safety, Setup, Plan Job
3:45					Rig Drilling Surface Hole
4:30					Hole cut 1045' CIR w/ Rig
5:15					Start out of Hole w/ Bit
5:30					out of Hole Rig up to Run 8 5/8 cas.
					Start 8 5/8" casing 24" pipe:
					cent. 950' - 500' - 40
7:00					casing @ 1037' CIR w/ Rig.
7:15			88	5	mix + Pump 200 SK A-CON @ 12"
				5	mix + Pump 200 SKs common
					w/ 2% gal, 3% OIL, 44" C.F. @ 15"
			48		Finish w/ mix Release 8 5/8" TOP
7:45					Rubber Plug Start Disp.
8:00			64		Plug down set in @ well
8:15					wash up + Breakup Equip.
9:00					Job Complete.
					thanks Allen, Mike, Jeff
					Cement CIR. To Pit.