



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

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
-----------------------------------	-----------------	---

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

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total 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

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



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

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

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 <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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
---	---

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
_____ 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 <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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
---	---	--

Form	ACO1 - Well Completion
Operator	Grand Mesa Operating Company
Well Name	HUND 3-9
Doc ID	1059828

Tops

Name	Top	Datum
Stone Corral	2418	+519
Bs/Stone Corral	2440	+497
Heebner	3950	-1013
Lansing	3989	-1052
Muncie Creek	4146	-1209
Stark	4240	-1303
Hushpuckney	4280	-1343
Marmaton	4348	-1411
Little Osage	4465	-1528
Morrow	4590	-1653
Mississippian	4614	-1677
LTD	4711	



DRILL STEM TEST REPORT

Prepared For: **Grand Mesa Operating Co.**

1700 N Waterfront Parkway
Building 600
Wichita, KS 67206+5514

ATTN: Steve Stribling

9/14S/31W/Gove

Hund 3-9

Start Date: 2011.07.11 @ 13:12:10

End Date: 2011.07.11 @ 19:06:10

Job Ticket #: 16595 DST #: 1

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

Printed: 2011.07.11 @ 17:22:04



DRILL STEM TEST REPORT

Grand Mesa Operating Co.

Hund 3-9

1700 N Waterfront Parkway
 Building 600
 Wichita, KS 67206+5514
 ATTN: Steve Stribling

9/14S/31W/Gove

Job Ticket: 16595

DST#: 1

Test Start: 2011.07.11 @ 13:12:10

GENERAL INFORMATION:

Formation: **Lansing zone H**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:29:40

Time Test Ended: 19:06:10

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 3325 Scott City/64

Interval: 4140.00 ft (KB) To 4175.00 ft (KB) (TVD)

Reference Elevations: 2937.00 ft (KB)

Total Depth: 4175.00 ft (KB) (TVD)

2932.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 6748 Outside

Press @ Run Depth: 52.33 psig @ 4172.00 ft (KB)

Capacity: 5000.00 psig

Start Date: 2011.07.11

End Date: 2011.07.11

Last Calib.: 2011.07.11

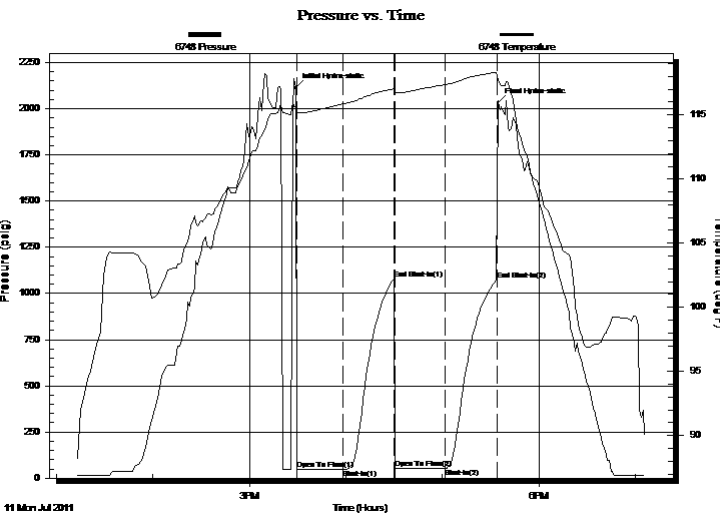
Start Time: 13:12:10

End Time: 19:06:10

Time On Btm: 2011.07.11 @ 15:28:40

Time Off Btm: 2011.07.11 @ 17:34:40

TEST COMMENT: 1ST Open 30 Minutes/No blow /Flush tool/Weak surface blow /Blow died in 7 minutes
 1ST Shut In 30 Minutes/No blow back
 2ND Open 30 Minutes/No blow
 2ND Shut In 30 Minutes/No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2112.27	115.66	Initial Hydro-static
1	47.37	115.17	Open To Flow (1)
30	50.07	115.86	Shut-In(1)
61	1079.35	117.03	End Shut-In(1)
62	50.48	116.74	Open To Flow (2)
93	52.33	117.36	Shut-In(2)
126	1071.71	118.32	End Shut-In(2)
126	2033.79	117.80	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100%	0.02

Gas Rates

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



DRILL STEM TEST REPORT

Grand Mesa Operating Co.

Hund 3-9

1700 N Waterfront Parkway
 Building 600
 Wichita, KS 67206+5514
 ATTN: Steve Stribling

9/14S/31W/Gove

Job Ticket: 16595

DST#: 1

Test Start: 2011.07.11 @ 13:12:10

GENERAL INFORMATION:

Formation: **Lansing zone H**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:29:40

Time Test Ended: 19:06:10

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 3325 Scott City/64

Interval: 4140.00 ft (KB) To 4175.00 ft (KB) (TVD)

Reference Elevations: 2937.00 ft (KB)

Total Depth: 4175.00 ft (KB) (TVD)

2932.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 6749

Inside

Press @ Run Depth: 1071.85 psig @ 4171.00 ft (KB)

Capacity: 5000.00 psig

Start Date: 2011.07.11

End Date:

2011.07.11

Last Calib.:

2011.07.11

Start Time: 13:12:00

End Time:

19:06:30

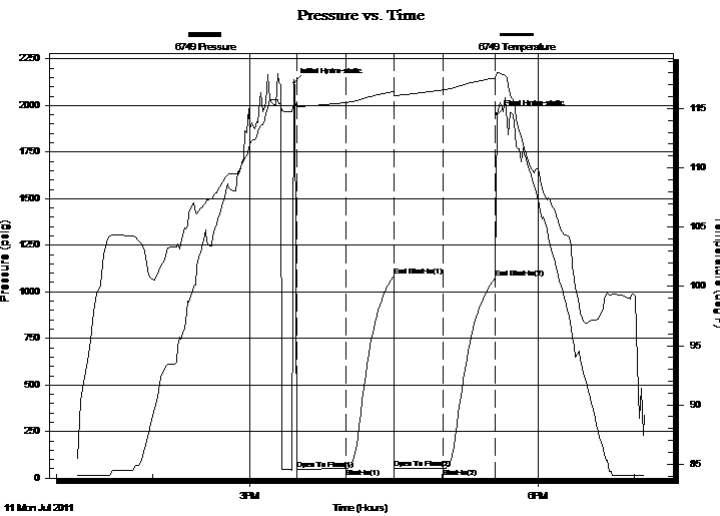
Time On Btm:

2011.07.11 @ 15:28:00

Time Off Btm:

2011.07.11 @ 17:34:30

TEST COMMENT: 1ST Open 30 Minutes/No blow /Flush tool/Weak surface blow /Blow died in 7 minutes
 1ST Shut In 30 Minutes/No blow back
 2ND Open 30 Minutes/No blow
 2ND Shut In 30 Minutes/No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2120.99	115.46	Initial Hydro-static
2	48.23	115.16	Open To Flow (1)
32	51.06	115.50	Shut-In(1)
62	1085.02	116.42	End Shut-In(1)
63	51.50	116.12	Open To Flow (2)
93	53.37	116.58	Shut-In(2)
126	1071.85	117.58	End Shut-In(2)
127	1951.92	118.05	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100%	0.02

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Grand Mesa Operating Co.

Hund 3-9

1700 N Waterfront Parkway ay
 Building 600
 Wichita, KS 67206+5514
 ATTN: Steve Stribling

9/14S/31W/Gove

Job Ticket: 16595

DST#: 1

Test Start: 2011.07.11 @ 13:12:10

Tool Information

Drill Pipe:	Length: 3994.00 ft	Diameter: 3.88 inches	Volume: 58.41 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: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 64000.00 lb
			<u>Total Volume: 59.00 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	3.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4140.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	35.00 ft			
Tool Length:	64.00 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			4116.00	
Hydraulic tool	5.00			4121.00	
Change over sub	1.00			4122.00	
Jars	6.00			4128.00	
Safety Joint	2.00			4130.00	
Packer	5.00			4135.00	29.00 Bottom Of Top Packer
Packer	5.00			4140.00	
Anchor	30.00			4170.00	
Recorder	1.00	6749	Inside	4171.00	
Recorder	1.00	6748	Outside	4172.00	
Bullnose	3.00			4175.00	35.00 Bottom Packers & Anchor

Total Tool Length: 64.00



DRILL STEM TEST REPORT

FLUID SUMMARY

Grand Mesa Operating Co.

Hund 3-9

1700 N Waterfront Parkway
Building 600
Wichita, KS 67206+5514
ATTN: Steve Stribling

9/14S/31W/Gove

Job Ticket: 16595

DST#: 1

Test Start: 2011.07.11 @ 13:12:10

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 63.00 sec/qt
Water Loss: 9.60 in³
Resistivity: ohm.m
Salinity: 3000.00 ppm
Filter Cake: 1.00 inches

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

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud 100%	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

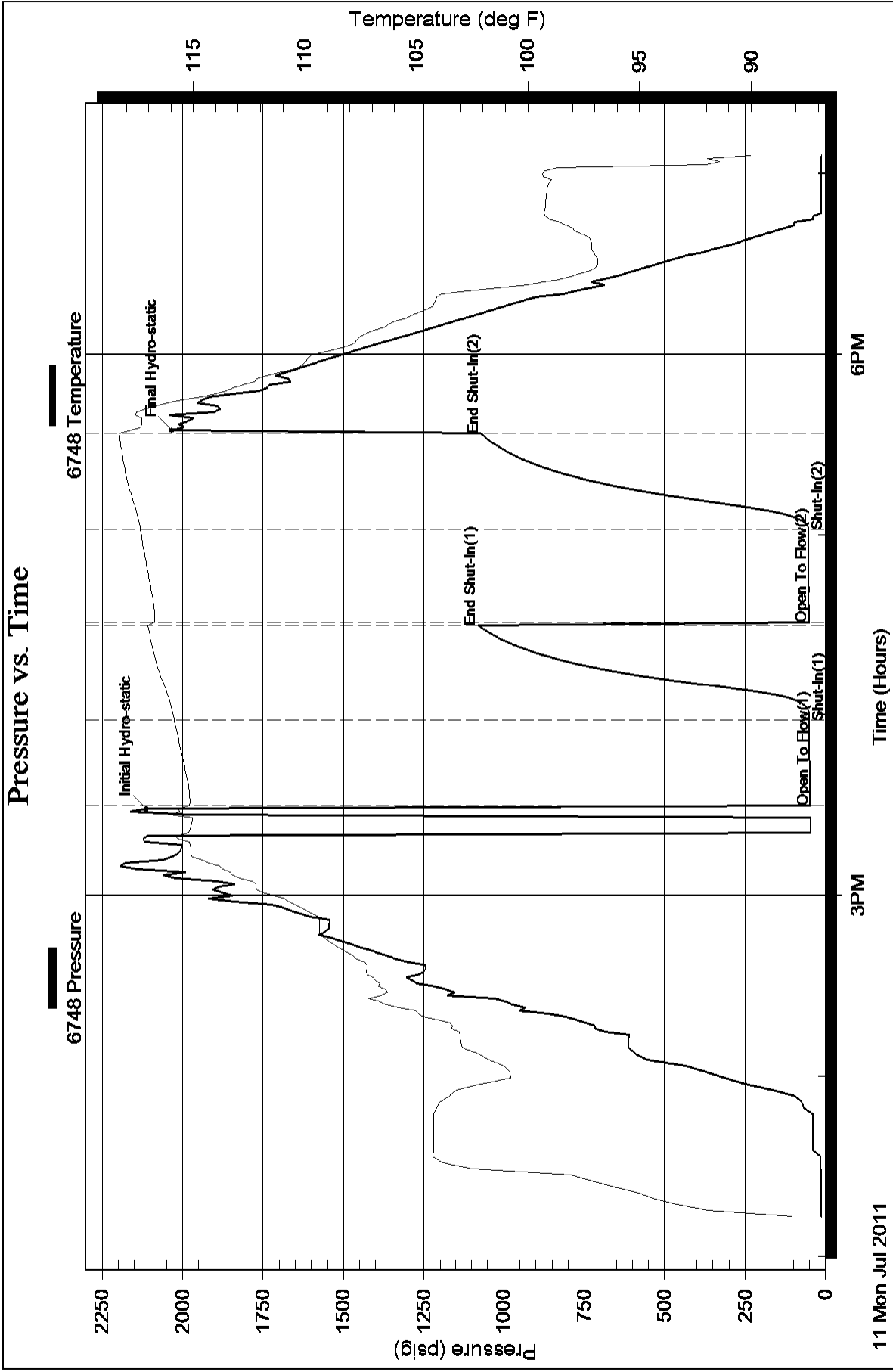
Num Gas Bombs: 0

Serial #:

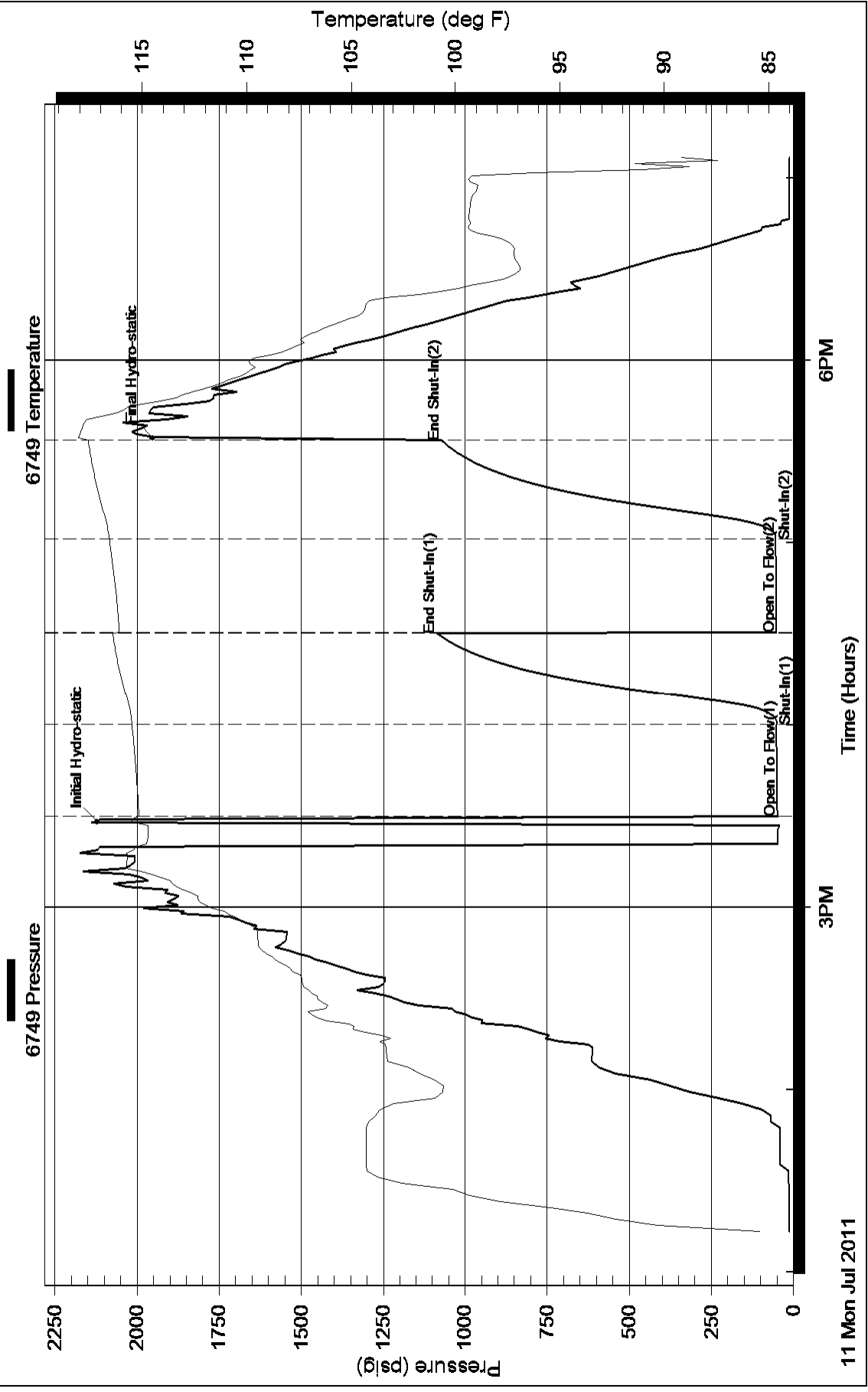
Laboratory Name:

Laboratory Location:

Recovery Comments:



Pressure vs. Time



11 Mon Jul 2011



DRILL STEM TEST REPORT

Prepared For: **Grand Mesa Operating Co.**

1700 N Waterfront Parkway
Building 600
Wichita, KS 67206+5514

ATTN: Steve Stribling

9/14S/31W/Gove

Hund 3-9

Start Date: 2011.07.13 @ 10:17:00

End Date: 2011.07.13 @ 15:37:00

Job Ticket #: 16596 DST #: 2

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

Printed: 2011.07.13 @ 13:55:31



DRILL STEM TEST REPORT

Grand Mesa Operating Co.

Hund 3-9

1700 N Waterfront Parkway
 Building 600
 Wichita, KS 67206+5514
 ATTN: Steve Stribling

9/14S/31W/Gove

Job Ticket: 16596

DST#: 2

Test Start: 2011.07.13 @ 10:17:00

GENERAL INFORMATION:

Formation: **Upper Fort Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:12:30

Time Test Ended: 15:37:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 3225 Scott City

Interval: 4455.00 ft (KB) To 4485.00 ft (KB) (TVD)

Reference Elevations: 2937.00 ft (KB)

Total Depth: 4485.00 ft (KB) (TVD)

2932.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 6748 Outside

Press @ Run Depth: 45.27 psig @ 4482.00 ft (KB)

Capacity: 5000.00 psig

Start Date: 2011.07.13

End Date: 2011.07.13

Last Calib.: 2011.07.13

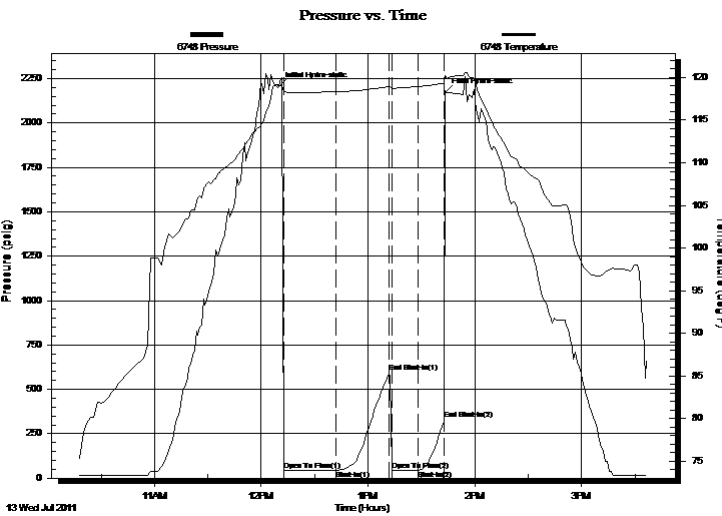
Start Time: 10:17:00

End Time: 15:37:00

Time On Btm: 2011.07.13 @ 12:10:00

Time Off Btm: 2011.07.13 @ 13:43:30

TEST COMMENT: 1ST Open 30 Minutes/Weak Surface blow/Blow died in 19 minutes
 1ST Shut In 30 Minutes/No Blow Back
 2ND Open 15 Minutes/No Blow
 2ND Shut In 15 Minutes/No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2206.46	119.09	Initial Hydro-static
3	43.56	118.40	Open To Flow (1)
32	44.61	118.33	Shut-In(1)
62	594.90	118.91	End Shut-In(1)
64	44.84	118.75	Open To Flow (2)
78	45.27	118.94	Shut-In(2)
93	334.49	119.34	End Shut-In(2)
94	2171.76	120.24	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	Mud 100%	0.01

Gas Rates

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



DRILL STEM TEST REPORT

Grand Mesa Operating Co.

Hund 3-9

1700 N Waterfront Parkway
 Building 600
 Wichita, KS 67206+5514
 ATTN: Steve Stribling

9/14S/31W/Gove

Job Ticket: 16596

DST#: 2

Test Start: 2011.07.13 @ 10:17:00

GENERAL INFORMATION:

Formation: **Upper Fort Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:12:30

Time Test Ended: 15:37:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 3225 Scott City

Interval: 4455.00 ft (KB) To 4485.00 ft (KB) (TVD)

Reference Elevations: 2937.00 ft (KB)

Total Depth: 4485.00 ft (KB) (TVD)

2932.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 6749

Inside

Press @ Run Depth: 337.16 psig @ 4481.00 ft (KB)

Capacity: 5000.00 psig

Start Date: 2011.07.13

End Date: 2011.07.13

Last Calib.: 2011.07.13

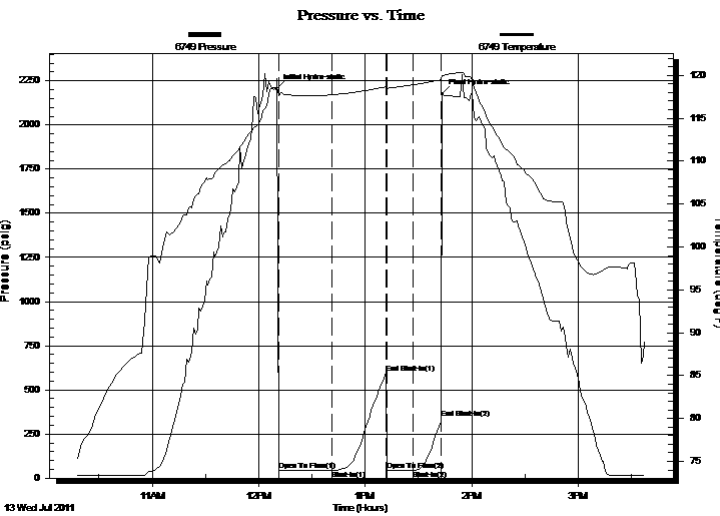
Start Time: 10:17:00

End Time: 15:37:30

Time On Btm: 2011.07.13 @ 12:10:00

Time Off Btm: 2011.07.13 @ 13:43:30

TEST COMMENT: 1ST Open 30 Minutes/Weak Surface blow/Blow died in 19 minutes
 1ST Shut In 30 Minutes/No Blow Back
 2ND Open 15 Minutes/No Blow
 2ND Shut In 15 Minutes/No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2204.05	118.61	Initial Hydro-static
2	42.03	117.69	Open To Flow (1)
32	44.63	117.74	Shut-In(1)
62	596.62	118.67	End Shut-In(1)
63	44.57	118.37	Open To Flow (2)
77	45.14	118.91	Shut-In(2)
93	337.16	119.49	End Shut-In(2)
94	2176.83	120.04	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	Mud 100%	0.01

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Grand Mesa Operating Co.

Hund 3-9

1700 N Waterfront Parkway ay
 Building 600
 Wichita, KS 67206+5514
 ATTN: Steve Stribling

9/14S/31W/Gove

Job Ticket: 16596

DST#: 2

Test Start: 2011.07.13 @ 10:17:00

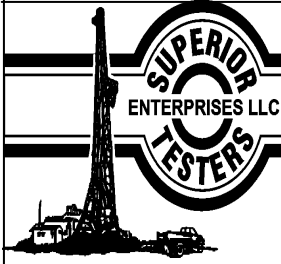
Tool Information

Drill Pipe:	Length: 4336.00 ft	Diameter: 3.88 inches	Volume: 63.41 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: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose:	68000.00 lb
			<u>Total Volume: 64.00 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial	60000.00 lb
Depth to Top Packer:	4455.00 ft			Final	60000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	30.00 ft				
Tool Length:	59.00 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			4431.00	
Hydraulic tool	5.00			4436.00	
Change over sub	1.00			4437.00	
Jars	6.00			4443.00	
Safety Joint	2.00			4445.00	
Packer	5.00			4450.00	29.00 Bottom Of Top Packer
Packer	5.00			4455.00	
Anchor	25.00			4480.00	
Recorder	1.00	6749	Inside	4481.00	
Recorder	1.00	6748	Outside	4482.00	
Bullnose	3.00			4485.00	30.00 Bottom Packers & Anchor

Total Tool Length: 59.00



DRILL STEM TEST REPORT

FLUID SUMMARY

Grand Mesa Operating Co.

Hund 3-9

1700 N Waterfront Parkway
Building 600
Wichita, KS 67206+5514
ATTN: Steve Stribling

9/14S/31W/Gove

Job Ticket: 16596

DST#: 2

Test Start: 2011.07.13 @ 10:17:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 52.00 sec/qt

Water Loss: 8.79 in³

Resistivity: ohm.m

Salinity: 3400.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	Mud 100%	0.010

Total Length: 2.00 ft Total Volume: 0.010 bbl

Num Fluid Samples: 0

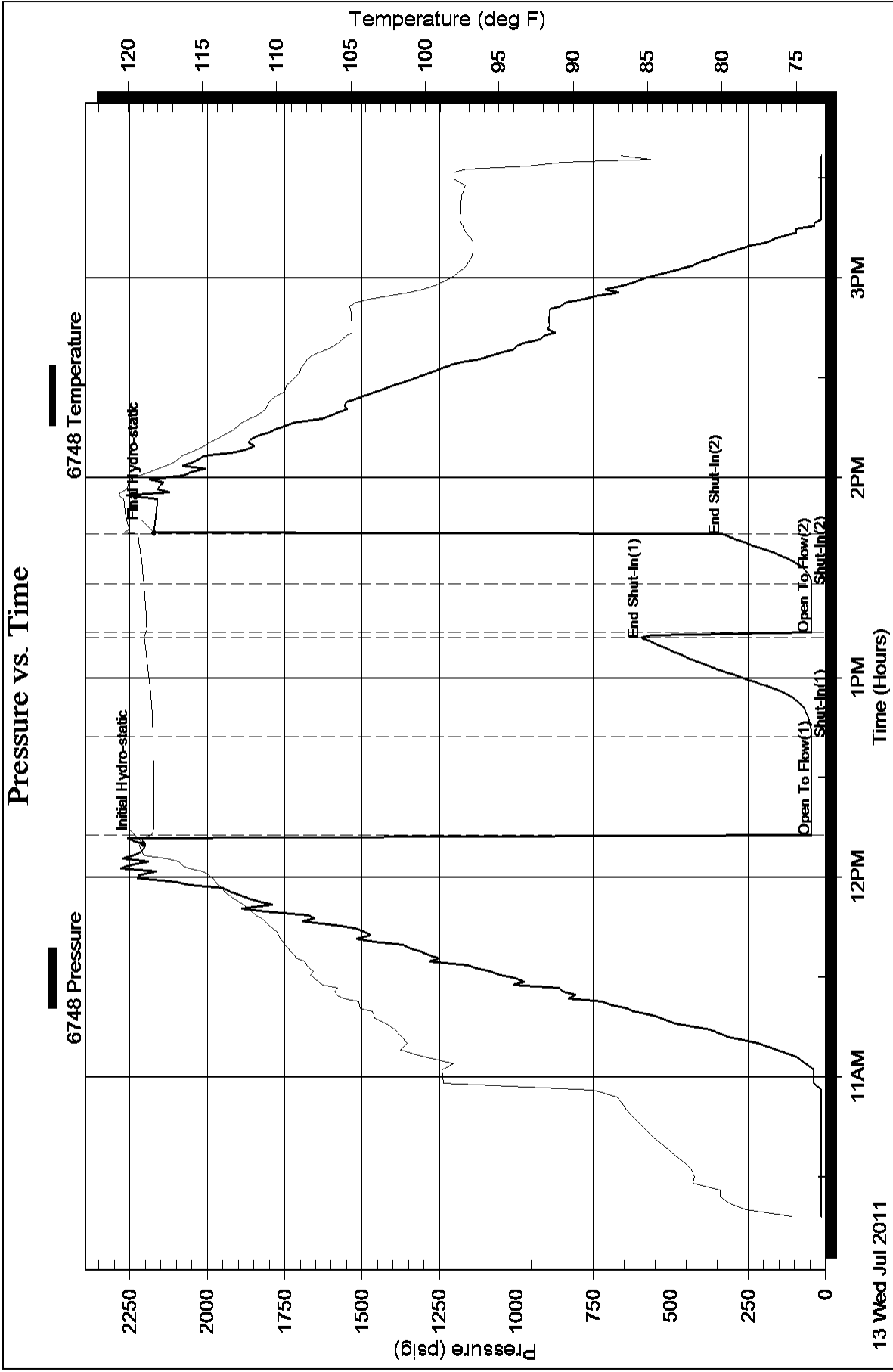
Num Gas Bombs: 0

Serial #:

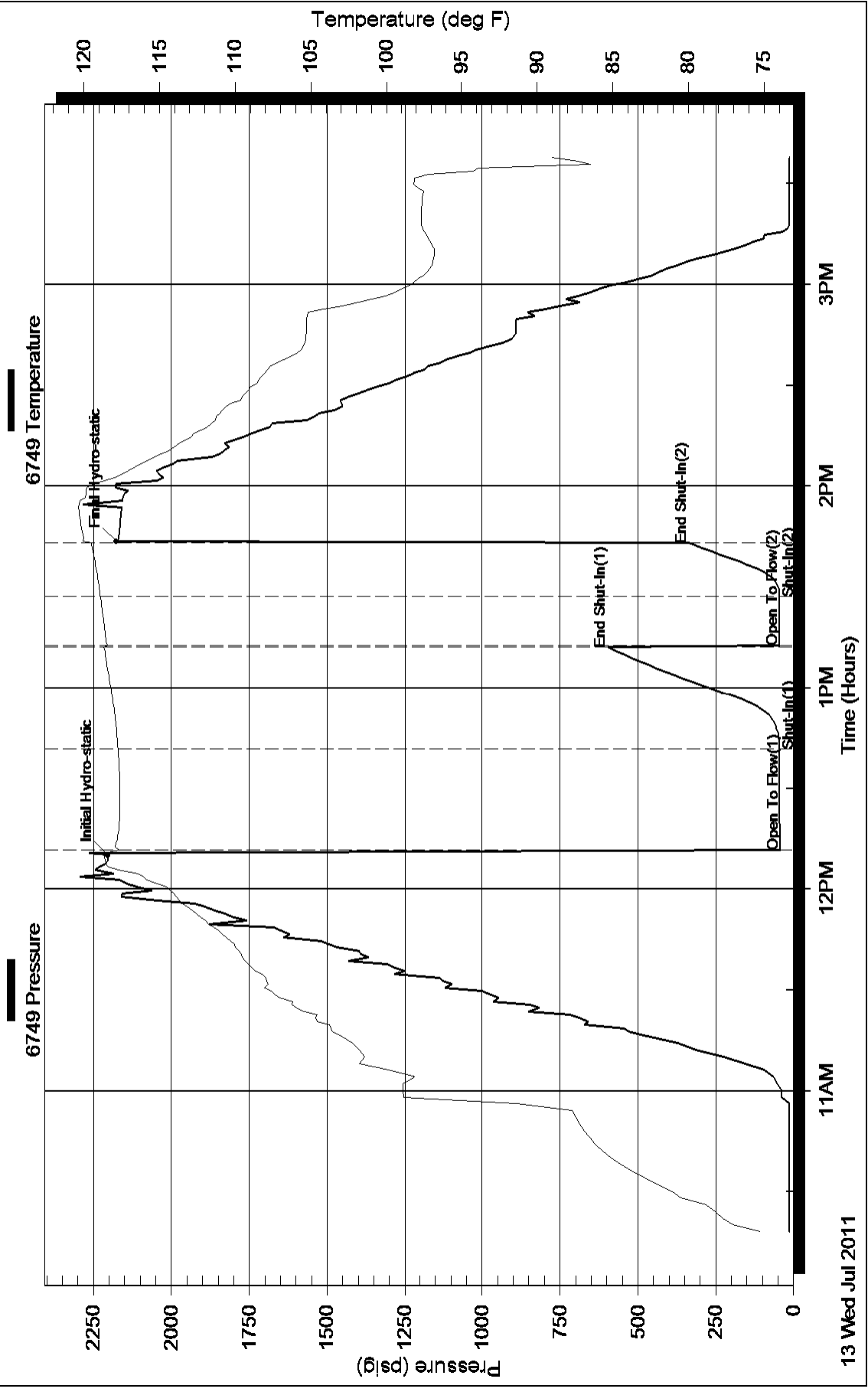
Laboratory Name:

Laboratory Location:

Recovery Comments:



Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Grand Mesa Operating Co.**

1700 N Waterfront Parkway
Building 600
Wichita, KS 67206+5514

ATTN: Steve Stribling

9/14S/31W/Gove

Hund 3-9

Start Date: 2011.07.14 @ 07:13:00

End Date: 2011.07.14 @ 13:02:30

Job Ticket #: 16597 DST #: 3

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

Printed: 2011.07.14 @ 11:29:17

Grand Mesa Operating Co.
Hund 3-9
9/14S/31W/Gove
DST # 3
Upper Johnson
2011.07.14



DRILL STEM TEST REPORT

Grand Mesa Operating Co.

Hund 3-9

1700 N Waterfront Parkway
 Building 600
 Wichita, KS 67206+5514
 ATTN: Steve Stribling

9/14S/31W/Gove

Job Ticket: 16597

DST#: 3

Test Start: 2011.07.14 @ 07:13:00

GENERAL INFORMATION:

Formation: **Upper Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:09:00

Time Test Ended: 13:02:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 3325 Scott City/64

Interval: 4542.00 ft (KB) To 4574.00 ft (KB) (TVD)

Reference Elevations: 2937.00 ft (KB)

Total Depth: 4574.00 ft (KB) (TVD)

2932.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 6748 Outside

Press @ Run Depth: 46.60 psig @ 4571.00 ft (KB)

Capacity: 5000.00 psig

Start Date: 2011.07.14

End Date: 2011.07.14

Last Calib.: 2011.07.14

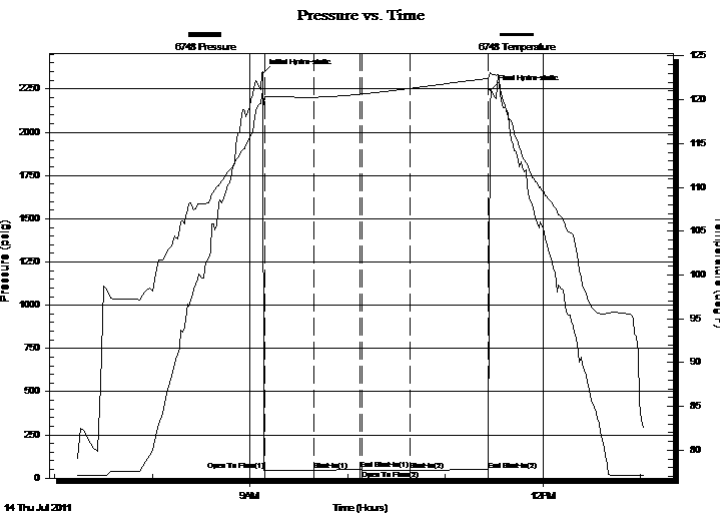
Start Time: 07:13:00

End Time: 13:02:30

Time On Btm: 2011.07.14 @ 09:08:00

Time Off Btm: 2011.07.14 @ 11:28:00

TEST COMMENT: 1ST Open 30 Minutes/5 minutes to start weak surface blow/Blow did not build/Blow died 13 minutes later
 1ST Shut In 30 Minutes/No blow back
 2ND Open 30 Minutes/No blow
 2ND Shut In 45 Minutes/No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2341.09	120.88	Initial Hydro-static
1	44.93	120.33	Open To Flow (1)
32	45.72	120.29	Shut-In(1)
60	49.78	120.63	End Shut-In(1)
61	46.56	120.65	Open To Flow (2)
90	46.60	121.29	Shut-In(2)
139	48.17	122.45	End Shut-In(2)
140	2246.22	122.96	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	Trace of oil in tool on top of mud	0.00

Gas Rates

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



DRILL STEM TEST REPORT

Grand Mesa Operating Co.

Hund 3-9

1700 N Waterfront Parkway
 Building 600
 Wichita, KS 67206+5514
 ATTN: Steve Stribling

9/14S/31W/Gove

Job Ticket: 16597

DST#: 3

Test Start: 2011.07.14 @ 07:13:00

GENERAL INFORMATION:

Formation: **Upper Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:09:00

Time Test Ended: 13:02:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 3325 Scott City/64

Interval: 4542.00 ft (KB) To 4574.00 ft (KB) (TVD)

Reference Elevations: 2937.00 ft (KB)

Total Depth: 4574.00 ft (KB) (TVD)

2932.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 6749

Inside

Press @ Run Depth: 48.26 psig @ 4570.00 ft (KB)

Capacity: 5000.00 psig

Start Date: 2011.07.14

End Date:

2011.07.14

Last Calib.:

2011.07.14

Start Time:

07:13:00

End Time:

13:02:30

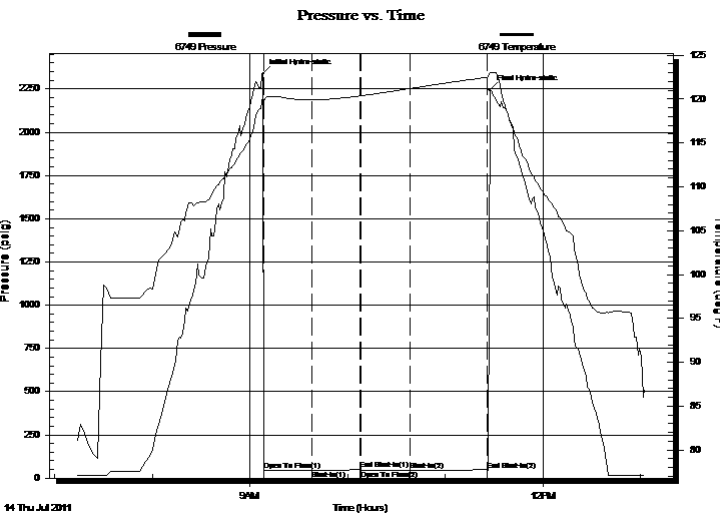
Time On Btm:

2011.07.14 @ 09:08:00

Time Off Btm:

2011.07.14 @ 11:27:30

TEST COMMENT: 1ST Open 30 Minutes/5 minutes to start weak surface blow/Blow did not build/Blow died 13 minutes later
 1ST Shut In 30 Minutes/No blow back
 2ND Open 30 Minutes/No blow
 2ND Shut In 45 Minutes/No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2338.57	120.22	Initial Hydro-static
1	43.98	119.78	Open To Flow (1)
30	45.96	119.89	Shut-In(1)
60	48.67	120.36	End Shut-In(1)
60	45.42	120.37	Open To Flow (2)
90	45.70	121.19	Shut-In(2)
138	48.26	122.49	End Shut-In(2)
140	2244.36	123.00	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	Trace of oil in tool on top of mud	0.00

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Grand Mesa Operating Co.

Hund 3-9

1700 N Waterfront Parkway ay
 Building 600
 Wichita, KS 67206+5514
 ATTN: Steve Stribling

9/14S/31W/Gove

Job Ticket: 16597

DST#: 3

Test Start: 2011.07.14 @ 07:13:00

Tool Information

Drill Pipe:	Length: 4398.00 ft	Diameter: 3.88 inches	Volume: 64.32 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: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose:	68000.00 lb
			<u>Total Volume: 64.91 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial	62000.00 lb
Depth to Top Packer:	4542.00 ft			Final	62000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	32.00 ft				
Tool Length:	61.00 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			4518.00	
Hydraulic tool	5.00			4523.00	
Change over sub	1.00			4524.00	
Jars	6.00			4530.00	
Safety Joint	2.00			4532.00	
Packer	5.00			4537.00	29.00 Bottom Of Top Packer
Packer	5.00			4542.00	
Anchor	27.00			4569.00	
Recorder	1.00	6749	Inside	4570.00	
Recorder	1.00	6748	Outside	4571.00	
Bullnose	3.00			4574.00	32.00 Bottom Packers & Anchor

Total Tool Length: 61.00



DRILL STEM TEST REPORT

FLUID SUMMARY

Grand Mesa Operating Co.

Hund 3-9

1700 N Waterfront Parkway
 Building 600
 Wichita, KS 67206+5514
 ATTN: Steve Stribling

9/14S/31W/Gove

Job Ticket: 16597

DST#: 3

Test Start: 2011.07.14 @ 07:13:00

Mud and Cushion Information

Mud Type: Gel Chem
 Mud Weight: 9.00 lb/gal
 Viscosity: 53.00 sec/qt
 Water Loss: 9.18 in³
 Resistivity: ohm.m
 Salinity: 3500.00 ppm
 Filter Cake: 1.00 inches

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

Oil API: deg API
 Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	Trace of oil in tool on top of mud	0.000

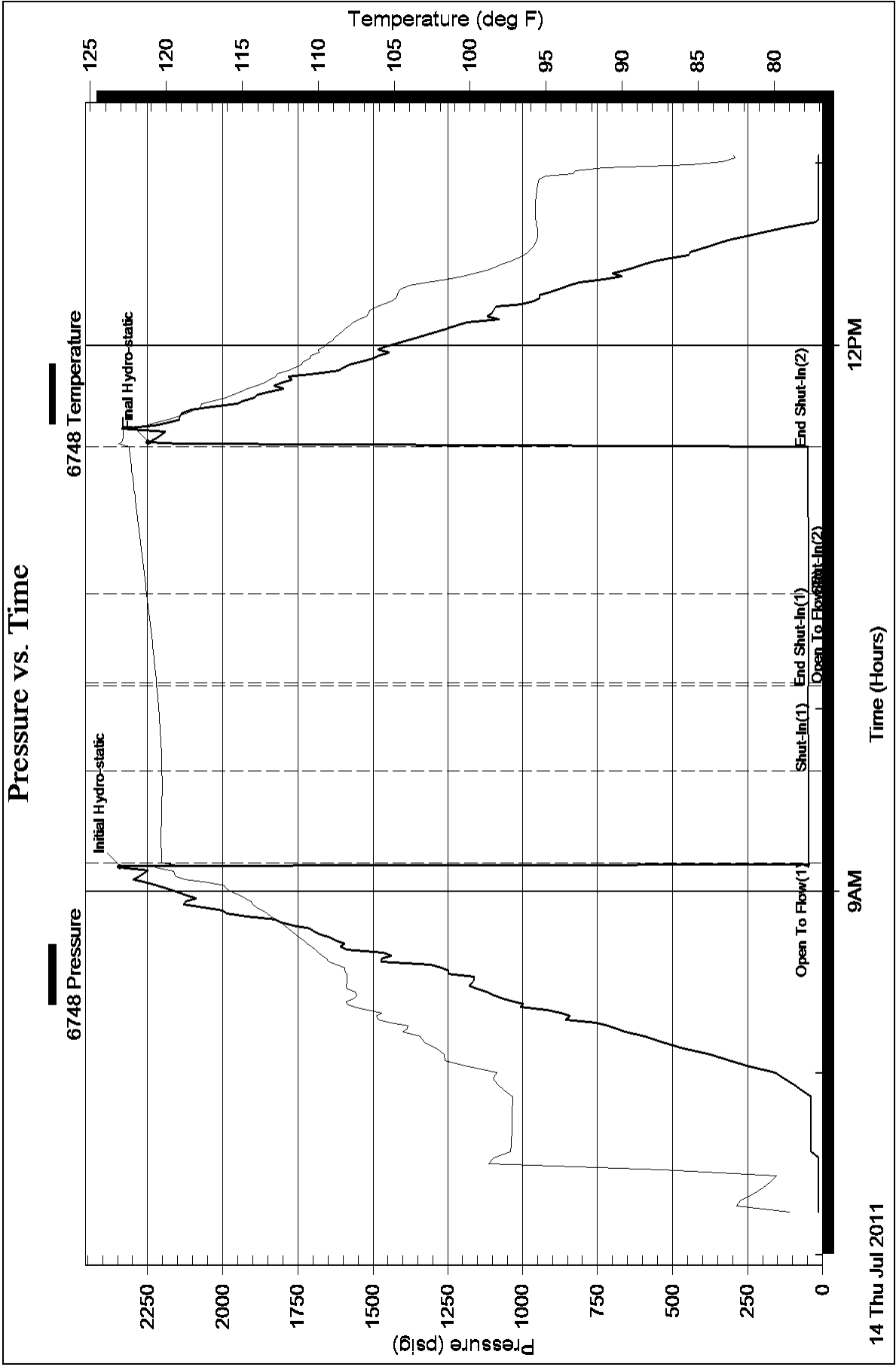
Total Length: ft Total Volume: bbl

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

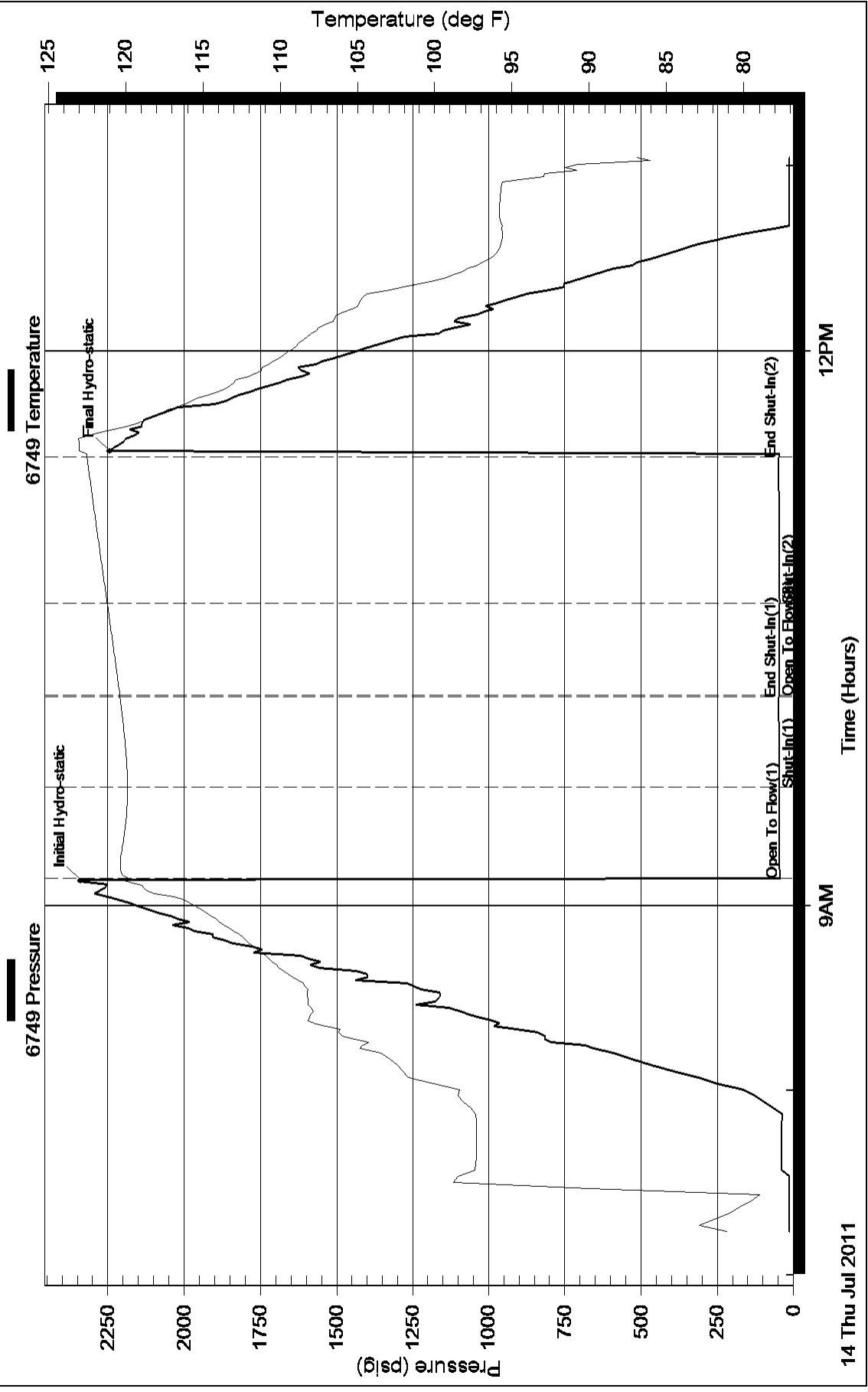
Laboratory Name: Laboratory Location:

Recovery Comments:

Pressure vs. Time



Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Grand Mesa Operating Co.**

1700 N Waterfront Parkway
Building 600
Wichita, KS 67206+5514

ATTN: Steve Stribling

9/14S/31W/Gove

Hund 3-9

Start Date: 2011.07.14 @ 19:55:00

End Date: 2011.07.15 @ 01:54:00

Job Ticket #: 16598 DST #: 4

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

Printed: 2011.07.15 @ 00:16:09

Grand Mesa Operating Co.
Hund 3-9
9/14S/31W/Gove
DST # 4
Lower Johnson
2011.07.14



DRILL STEM TEST REPORT

Grand Mesa Operating Co.

Hund 3-9

1700 N Waterfront Parkway
 Building 600
 Wichita, KS 67206+5514
 ATTN: Steve Stribling

9/14S/31W/Gove

Job Ticket: 16598

DST#: 4

Test Start: 2011.07.14 @ 19:55:00

GENERAL INFORMATION:

Formation: **Lower Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:43:30

Time Test Ended: 01:54:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 3325 Scott City/64

Interval: 4574.00 ft (KB) To 4590.00 ft (KB) (TVD)

Reference Elevations: 2937.00 ft (KB)

Total Depth: 4590.00 ft (KB) (TVD)

2932.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 6748 Outside

Press @ RunDepth: 52.26 psig @ 4587.00 ft (KB)

Capacity: 5000.00 psig

Start Date: 2011.07.14

End Date: 2011.07.15

Last Calib.: 2011.07.15

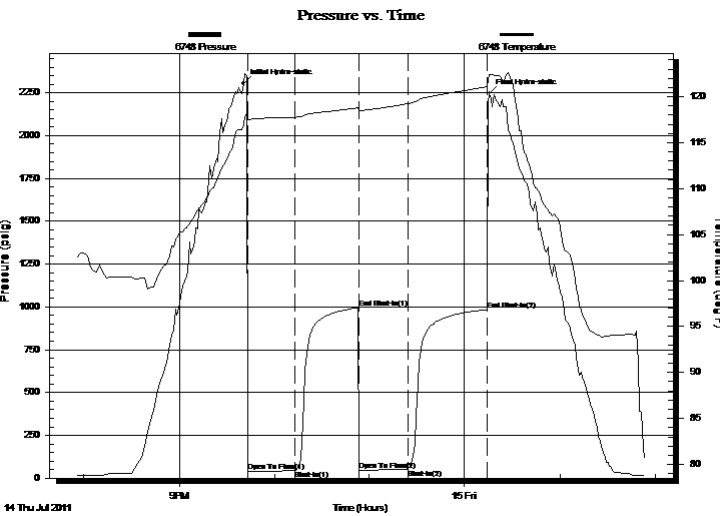
Start Time: 19:55:00

End Time: 01:54:00

Time On Btm: 2011.07.14 @ 21:40:30

Time Off Btm: 2011.07.15 @ 00:15:30

TEST COMMENT: 1ST Open 30 Minutes/Weak blow/Blow built to just below surface
 1ST Shut In 45 Minutes/No blow back
 2ND Open 30 Minutes/No blow
 2ND Shut In 45 Minutes/No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2304.27	116.93	Initial Hydro-static
3	37.68	117.52	Open To Flow (1)
33	43.95	117.76	Shut-In(1)
73	994.97	118.81	End Shut-In(1)
73	45.28	118.47	Open To Flow (2)
104	52.26	119.23	Shut-In(2)
154	983.30	121.06	End Shut-In(2)
155	2247.10	122.37	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud with show of oil 100% mud	0.02

Gas Rates

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



DRILL STEM TEST REPORT

Grand Mesa Operating Co.

Hund 3-9

1700 N Waterfront Parkway
 Building 600
 Wichita, KS 67206+5514
 ATTN: Steve Stribling

9/14S/31W/Gove

Job Ticket: 16598

DST#: 4

Test Start: 2011.07.14 @ 19:55:00

GENERAL INFORMATION:

Formation: **Lower Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:43:30

Time Test Ended: 01:54:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 3325 Scott City/64

Interval: 4574.00 ft (KB) To 4590.00 ft (KB) (TVD)

Reference Elevations: 2937.00 ft (KB)

Total Depth: 4590.00 ft (KB) (TVD)

2932.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 6749 Inside

Press @ Run Depth: 982.12 psig @ 4586.00 ft (KB)

Capacity: 5000.00 psig

Start Date: 2011.07.14

End Date: 2011.07.15

Last Calib.: 2011.07.15

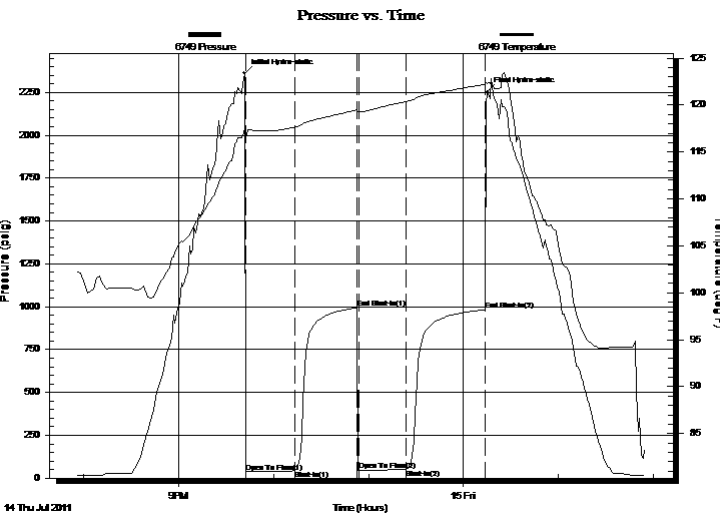
Start Time: 19:55:00

End Time: 01:55:00

Time On Btm: 2011.07.14 @ 21:41:30

Time Off Btm: 2011.07.15 @ 00:15:00

TEST COMMENT: 1ST Open 30 Minutes/Weak blow/Blow built to just below surface
 1ST Shut In 45 Minutes/No blow back
 2ND Open 30 Minutes/No blow
 2ND Shut In 45 Minutes/No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2361.88	117.53	Initial Hydro-static
1	34.83	116.44	Open To Flow (1)
32	42.45	117.63	Shut-In(1)
71	993.80	119.49	End Shut-In(1)
72	44.26	119.25	Open To Flow (2)
102	50.58	120.38	Shut-In(2)
152	982.12	122.19	End Shut-In(2)
154	2251.97	122.32	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud with show of oil 100% mud	0.02

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Grand Mesa Operating Co.

Hund 3-9

1700 N Waterfront Parkway ay
 Building 600
 Wichita, KS 67206+5514
 ATTN: Steve Stribling

9/14S/31W/Gove

Job Ticket: 16598

DST#: 4

Test Start: 2011.07.14 @ 19:55:00

Tool Information

Drill Pipe:	Length: 4429.00 ft	Diameter: 3.88 inches	Volume: 64.77 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: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose:	85000.00 lb
			<u>Total Volume: 65.36 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial	62000.00 lb
Depth to Top Packer:	4574.00 ft			Final	62000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	16.00 ft				
Tool Length:	45.00 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			4550.00	
Hydraulic tool	5.00			4555.00	
Change over sub	1.00			4556.00	
Jars	6.00			4562.00	
Safety Joint	2.00			4564.00	
Packer	5.00			4569.00	29.00 Bottom Of Top Packer
Packer	5.00			4574.00	
Anchor	11.00			4585.00	
Recorder	1.00	6749	Inside	4586.00	
Recorder	1.00	6748	Outside	4587.00	
Bullnose	3.00			4590.00	16.00 Bottom Packers & Anchor

Total Tool Length: 45.00



DRILL STEM TEST REPORT

FLUID SUMMARY

Grand Mesa Operating Co.

Hund 3-9

1700 N Waterfront Parkway
 Building 600
 Wichita, KS 67206+5514
 ATTN: Steve Stribling

9/14S/31W/Gove

Job Ticket: 16598

DST#: 4

Test Start: 2011.07.14 @ 19:55:00

Mud and Cushion Information

Mud Type: Gel Chem
 Mud Weight: 9.00 lb/gal
 Viscosity: 54.00 sec/qt
 Water Loss: 8.78 in³
 Resistivity: ohm.m
 Salinity: 4500.00 ppm
 Filter Cake: 1.00 inches

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

Oil API: deg API
 Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud with show of oil 100% mud	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

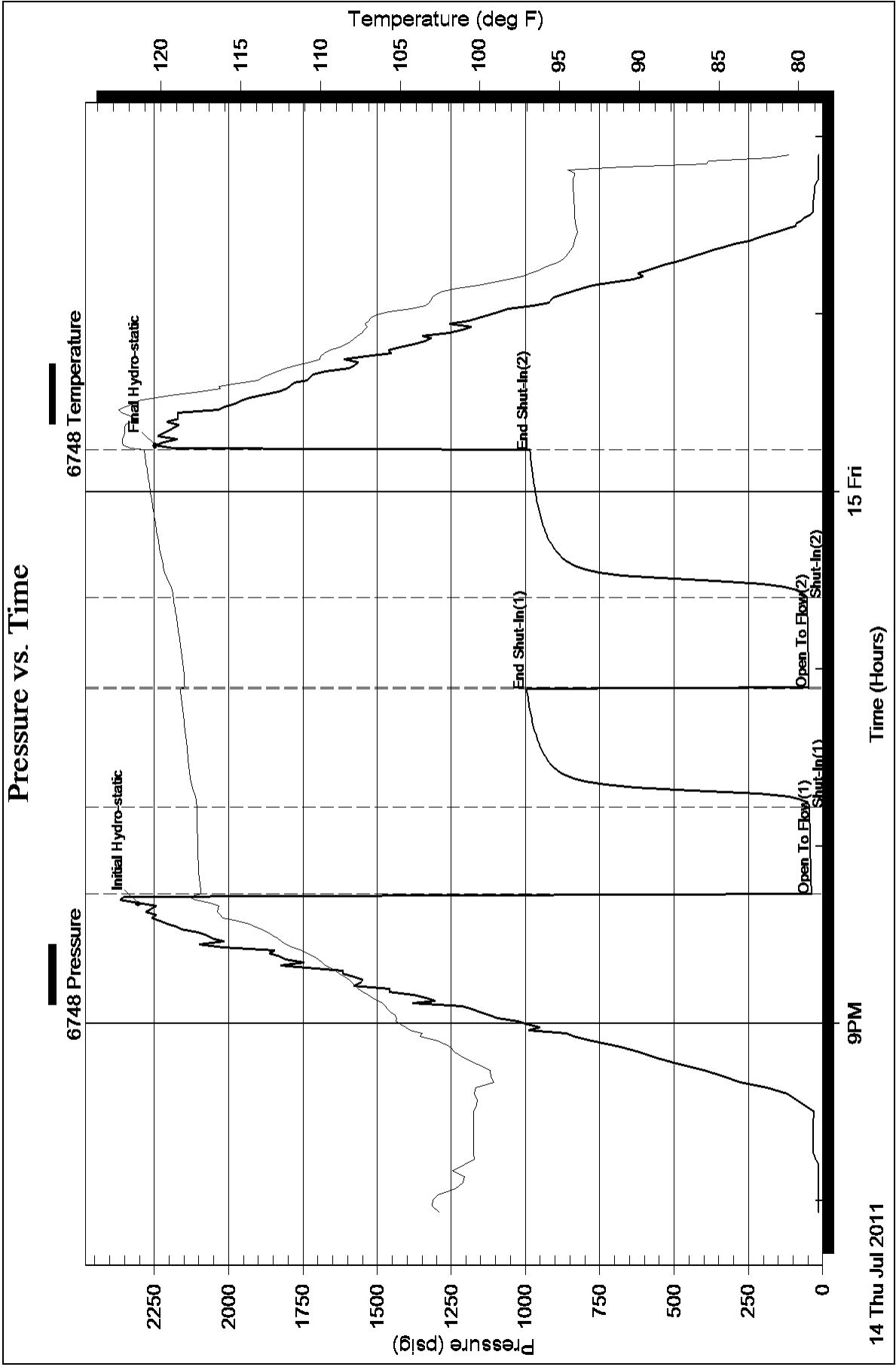
Serial #:

Laboratory Name:

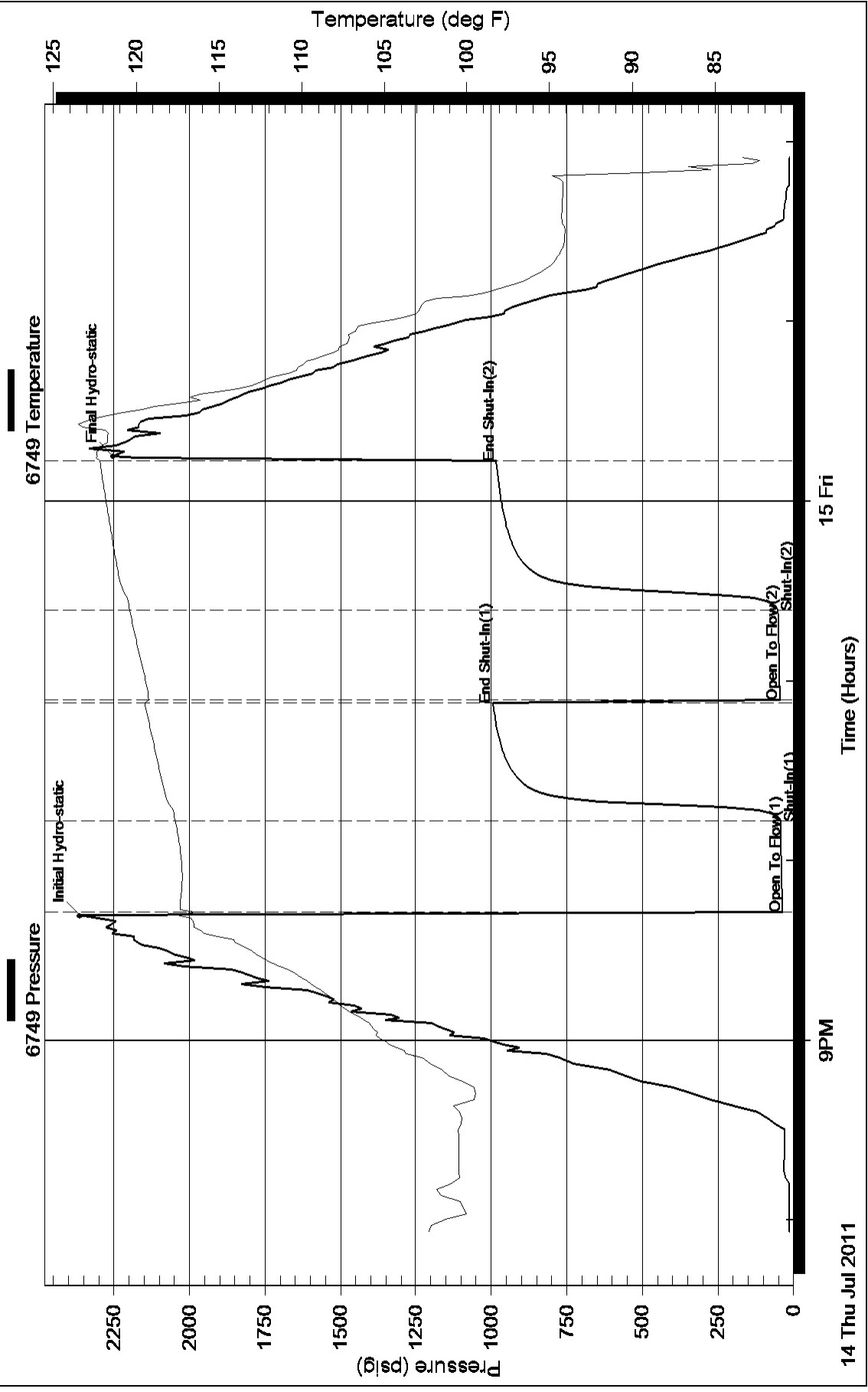
Laboratory Location:

Recovery Comments:

Pressure vs. Time



Pressure vs. Time



GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

GRAND MESA OPERATING CO.

WELL: HUND #3-9
LOC.: 2119' FNL & 1773' FWL
SEC. 9-14-31W
GOVERNMENT, KANSAS
API: 15-063-21924-00-00

DRILLING CONTR.: MURFIN RIG #24
SPUD: 07-06-11 COMP: 07-16-11
MUD UP: 3500' TYPE MUD: CHEM.
DRILL TIME: 3600-RTD
RTD: 4710' LTD: 4711'
SAMPLES SAVED: 3800'-RTD
GEOLOGIST: ROBERT J. PETERSEN

ELEVATION
KB: 2937'
GL: 2932'
LOG MEASURED FROM: KB

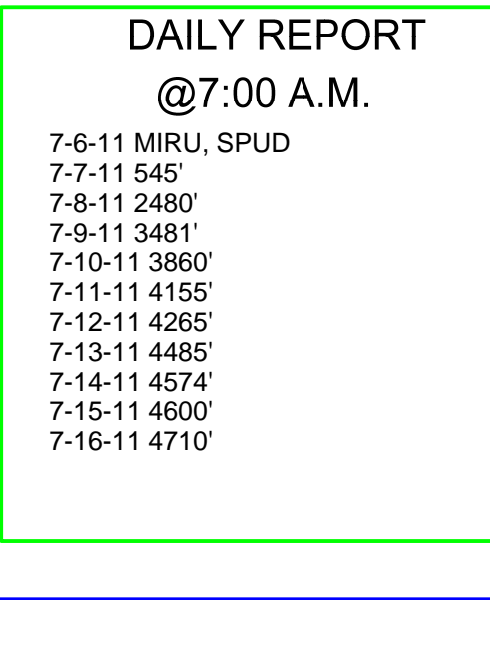
SURFACE CASING
 New 23# 8 5/8" surface csg.,
 Set @ 222' KB.
 Cemented w/165sx
 Common, 3% CC, 2% Gel

PRODUCTION CASING
 D & A

WELL LOG SURVEYS
 DIL/CDL w/micro

ELECTRIC LOG TOPS

Formation	Depth	Datum	Hund 1-9	Hund 2-9
SC	2419	518	-1	-1
BSC	2441	496	5	4
HEEB	3951	-1014	5	4
TOR	3971	-1034	4	4
LANS	3991	-1054	1	4
Muncie Cr	4147	-1210	2	0
Stark	4241	-1304	0	3
Swope	4255	-1318	1	5
Hushpuckney	4273	-1341	-1	2
Hertha	4294	-1357	-4	2
BKC	4313	-1376	-3	5
Marmaton	4348	-1411	1	7
Allamont	4389	-1452	-1	1
Little Osage	4463	-1526	-2	4
Excello	4487	-1550	-1	2
Johnson	4585	-1628	-4	0
Morrow	4585	-1651	7	2
Miss	4617	-1680	13	7



REFERENCE WELL:

WELL A: Grand Mesa HUND #1-9 KB 2951 1482' FSL & 1873' FWL 9-14-31W

WELL B: Grand Mesa HUND #2-9 KB 2936 977' FSL & 2188' FWL 9-14-31W

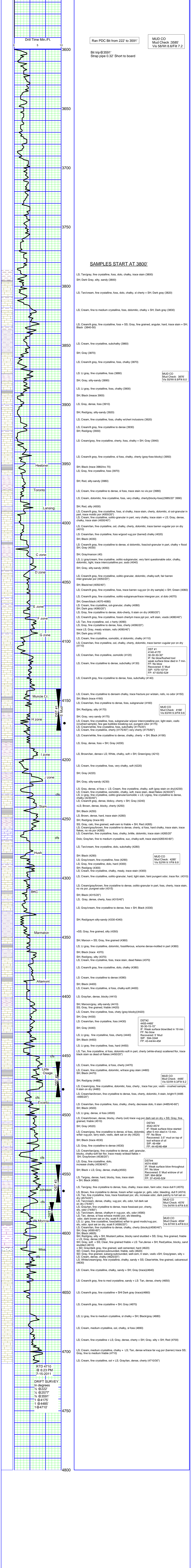
DAILY REPORT

@7:00 A.M.
 7-6-11 MIRU, SPUD
 7-7-11 545'
 7-8-11 2481'
 7-9-11 3481'
 7-10-11 3860'
 7-11-11 4155'
 7-12-11 4265'
 7-13-11 4485'
 7-14-11 4574'
 7-15-11 4600'
 7-16-11 4710'

REMARKS AND RECOMMENDATIONS

Due to the negative drill stem test results this test was plugged and abandoned by the operator.

Respectfully submitted,
Robert J. Petersen



BIT RECORD
 12 1/4" CH16M5 0-222'
 7 7/8" Q606F 222-3591' Ser. 7134212
 7 7/8" RR HVC GX22 Ser. No. 5190412 3591-4175'
 7 7/8" RR Smith F271 Ser. PS 9880 4175-4485'
 7 7/8" RR Smith F271 Ser. PS 8865 4485-4710'

Run PDC Bit from 222' to 3591'
 Bit trip @ 3591'
 Strap pipe 0.32' Short to board

MUD CO
 Mud Check :3585'
 Vis 58/Wt 8.6/Filt 7.2

SAMPLES START AT 3800'

MUD CO
 Mud Check: 3876'
 Vis 55/Wt 8.9/Filt 8.0

MUD CO
 Mud Check: 4168'
 Vis 52/Wt 9.1/Filt 9.6

MUD CO
 Mud Check: 4285'
 Vis 52/Wt 9.1/Filt 8.8

MUD CO
 Mud Check: 4576'
 Vis 54/Wt 9.4/Filt 8.8

MUD CO
 Mud Check: 4594'
 Vis 67/Wt 9.4/Filt 8.0

MUD CO
 Mud Check: 4576'
 Vis 54/Wt 9.4/Filt 8.8

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

July 19, 2011

Ronald N. Sinclair
Grand Mesa Operating Company
1700 N WATERFRONT PKWY BLDG 600
WICHITA, KS 67206-5514

Re: ACO1
API 15-063-21924-00-00
HUND 3-9
NW/4 Sec.09-14S-31W
Gove 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,
Ronald N. Sinclair

ALLIED CEMENTING CO., LLC. 040907

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Oakley, KS

DATE <i>7-6-11</i>	SEC. <i>9</i>	TWP. <i>14</i>	RANGE <i>31</i>	CALLED OUT	ON LOCATION	JOB START <i>7:00 pm</i>	JOB FINISH <i>7:30 pm</i>
LEASE <i>Hand</i>	WELL # <i>3-9</i>	LOCATION <i>Oakley, KS, 20S 4E</i>		COUNTY <i>Gove</i>	STATE <i>Ks</i>		
OLD OR NEW (Circle one)		<i>1 1/2" E mts</i>					

CONTRACTOR *Merfin 24*

TYPE OF JOB *Surface*

HOLE SIZE *12 1/4* T.D. *222'*

CASING SIZE *8 7/8* DEPTH *222'*

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. *15 ft*

PERFS.

DISPLACEMENT *13,18*

OWNER *Same*

CEMENT AMOUNT ORDERED *165 sks com 3% cc 2% gel*

COMMON	<i>165 sks @ 16.25</i>	<i>2681.25</i>
POZMIX	@	
GEL	<i>3 sks @ 21.25</i>	<i>63.75</i>
CHLORIDE	<i>85 sks @ 58.20</i>	<i>349.20</i>
ASC	@	
	@	
	@	
	@	
	@	
	@	
	@	
HANDLING	<i>124 sks @ 2.25</i>	<i>391.50</i>
MILEAGE	<i>118 sk/mile</i>	<i>478.50</i>
		TOTAL <i>3764.20</i>

REMARKS:

*Mix 165 sks down 8 7/8 casing
Displace with water
Cement did Circulate*

Thank you

CHARGE TO: *Grand Mesa*

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB	<i>222'</i>	
PUMP TRUCK CHARGE		<i>1125.00</i>
EXTRA FOOTAGE	@	
MILEAGE	<i>25 x 2 @ 9.00</i>	<i>225.00</i>
MANIFOLD	@	<i>225.00</i>
<i>Light vehicle</i>	@ <i>4.00</i>	<i>200.00</i>
	@	
		TOTAL <i>2000.00</i>

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	
		TOTAL _____

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

PRINTED NAME *Anthony Martin*

SIGNATURE *Anthony Martin*

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS

ALLIED CEMENTING CO., LLC. 039980

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Oakley KS

DATE <u>7/10/11</u>	SEC. <u>9</u>	TWP. <u>14</u>	RANGE <u>31</u>	CALLED OUT	ON LOCATION	JOB START <u>12:00pm</u>	JOB FINISH <u>1:00pm</u>
LEASE <u>Hurd</u>	WELL# <u>3-9</u>	LOCATION <u>Oakley 205 4E 1/2 N</u>			COUNTY <u>Cove</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>				<u>Ernto</u>			

CONTRACTOR Murfin 24

TYPE OF JOB PTA

HOLE SIZE 7 7/8 T.D.

CASING SIZE 8 7/8 DEPTH 2440'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT

OWNER Same

CEMENT

AMOUNT ORDERED 220 SK, 60/40

4070 gel 14 Flo Seal

COMMON	<u>132</u>	@	<u>16.25</u>	<u>2145.00</u>
POZMIX	<u>88</u>	@	<u>8.50</u>	<u>748.00</u>
GEL	<u>8</u>	@	<u>21.25</u>	<u>170.00</u>
CHLORIDE		@		
ASC		@		
<u>Flo Seal</u>	<u>5316</u>	@	<u>2.20</u>	<u>148.50</u>
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>230 SKs</u>	@	<u>2.25</u>	<u>517.50</u>
MILEAGE	<u>19 SK/mile</u>			<u>632.50</u>
TOTAL				<u>4361.50</u>

EQUIPMENT

PUMP TRUCK CEMENTER Alan

422 HELPER Wayne

BULK TRUCK

347 DRIVER Ethan

BULK TRUCK

DRIVER

REMARKS:

2440' - 25 SK

1475' - 100 SK

275' - 40 SK

40' - 10 SK

RT - 30 SK

MT - 15 SK

SERVICE

DEPTH OF JOB	<u>2440'</u>		
PUMP TRUCK CHARGE	<u>1250</u>	@	
EXTRA FOOTAGE		@	
MILEAGE	<u>25 x 2</u>	@	<u>7.00</u> <u>350.00</u>
MANIFOLD		@	
<u>Lite Vehicle 25 x 2</u>		@	<u>4.00</u> <u>200.00</u>
TOTAL <u>1800.00</u>			

CHARGE TO: Grand Mesa Operating

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

<u>Wood Plug</u>	@	<u>92.00</u>
	@	
	@	
	@	
TOTAL <u>92.00</u>		

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

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME Anthony Martin

SIGNATURE Anthony Martin