



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: _____



1047660

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 <i>(Specify)</i> _____ | PRODUCTION INTERVAL: _____ _____ |
|---|--|--|

| | |
|-----------|------------------------------|
| Form | ACO1 - Well Completion |
| Operator | Grand Mesa Operating Company |
| Well Name | Greg 1-26 |
| Doc ID | 1047660 |

Tops

| Name | Top | Datum |
|--------------------|------|-------|
| Stone Corral | 2541 | +482 |
| Bs/Stone Corral | 2564 | +459 |
| Heebner | 4005 | -982 |
| Lansing | 4047 | -1024 |
| Muncie Creek | 4194 | -1171 |
| Stark Shale | 4277 | -1254 |
| Hushpuckney Shale | 4308 | -1285 |
| Marmaton | 4370 | -1347 |
| Little Osage Shale | 4502 | -1479 |
| Excello Shale | 4529 | -1506 |
| Johnson Zone | 4602 | -1579 |
| Morrow Shale | 4633 | -1610 |
| Mississippian | 4649 | -1626 |
| LTD | 4717 | |



*Mark Parkinson, Governor
Thomas E. Wright, Chairman
Joseph F. Harkins, Commissioner
Ward Loyd, Commissioner*

December 02, 2010

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

Re: ACO1
API 15-109-20955-00-00
Greg 1-26
NW/4 Sec.26-12S-32W
Logan 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

Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: #1-26 Greg
Location: 1084'FWL, 358'FWL of Section 26-12S-32W Logan County, KS
License Number: API: 15-109-20955 Region: Wildcat
Spud Date: 11-20-2010 Drilling Completed: 11/28/2010
Surface Coordinates: Lat: 38.9862485
Long: -100.8492633
Bottom Hole Coordinates: Vertical hole
Ground Elevation (ft): 3018 K.B. Elevation (ft): 3023
Logged Interval (ft): 3800' To: RTD Total Depth (ft): 4720
Formation: Mississippian at RTD
Type of Drilling Fluid: Chemical

Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Grand Mesa Operating Company
Address: 1700 N. Waterfront Parkway
Bldg. 600
Wichita, KS 67206-5514

GEOLOGIST

Name: Steven P. Carl
Company: Grand Mesa Operating Company
Address: 1700 N. Waterfront Pkwy, Bldg #600
Wichita, Kansas 67206

COMMENTS

Contractor: Murfin Drilling Company Rig #24
Surface Casing: 8 5/8" set at 213' w/165x
Mud by: MudCo - Reid Atkins was the engineer
DST #1 by: Trilobite Testing Inc.
DST #2 by: Eagle Testing Co.
Logs by: Weatherford (DL, CN-CD, Micro)
Deviation Surveys: @222' 3/4deg. @2643' 3/4deg. @2720' 3/4deg. @3611' 1/16deg. @4627' 1deg. @4720' 3/4deg.
Operator plugged and abandoned this well as a dry hole on 11/28/2010.
Samples submitted to KGS sample library.

FORMATION TOPS

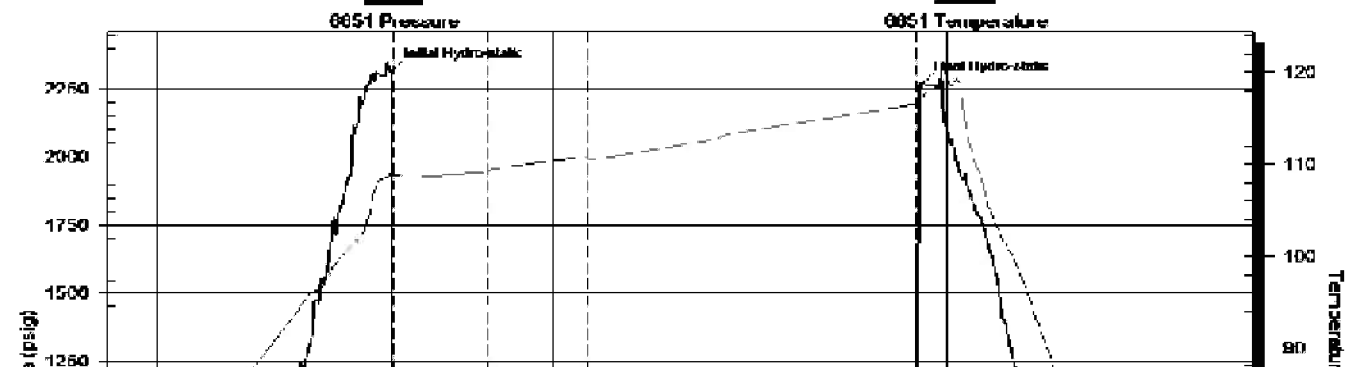
| FORMATION | SAMPLE TOPS | | LOG TOPS | |
|--------------------|-------------|-------|----------|-------|
| | Depth | Datum | Depth | Datum |
| Stone Corral | 2541' | +482 | 2540' | +483 |
| B/Stone Corral | 2566' | +457 | 2564' | +459 |
| Heebner Shale | 4008' | -985 | 4006' | -983 |
| Lansing | 4049' | -1026 | 4047' | -1024 |
| Muncie Creek Shale | 4198' | -1175 | 4194' | -1171 |
| Stark Shale | 4283' | -1260 | 4278' | -1255 |
| Hushpuckney Shale | 4313' | -1290 | 4308' | -1285 |
| Marmaton | 4373' | -1350 | 4371' | -1348 |
| Upper Fort Scott | 4484' | -1461 | 4481' | -1458 |
| Little Osage Shale | 4506' | -1483 | 4503' | -1480 |
| Excelllo Shale | 4533' | -1510 | 4529' | -1506 |
| Johnson Zone | 4608' | -1585 | 4602' | -1581 |
| Morrow | 4627' | -1604 | 4624' | -1601 |
| Mississippian | 4652' | -1629 | 4649' | -1626 |
| RTD | 4720' | -1697 | | |
| | | | 4717' | -1694 |

DST#1

DST No. 1 Johnson
Interval: 4582'-4627'
Times: 30:45-7:60
Recovery: 200' Mud w/oil spots
FP: 19-63/??-?? SIP: 1130-1154#
BHT: 127 deg. F

IFP: weak blow bldg to 7 inches
ISIP: no return
FFP: no second flow period
FSIP: no return

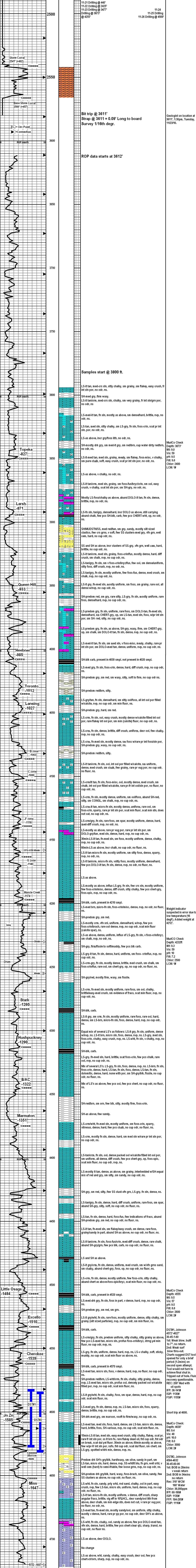
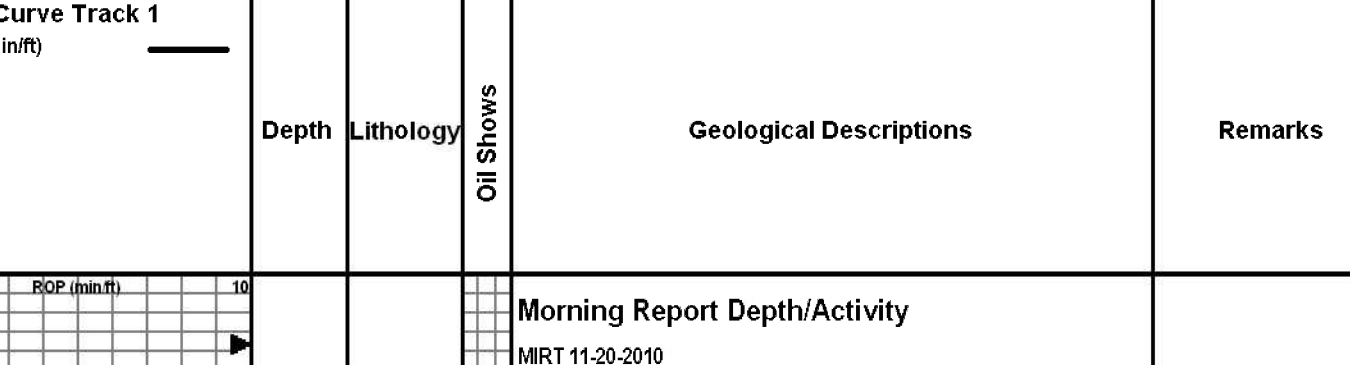
Note: DST#1 was a misrun. The DST tool failed to open on second period and therefore results are invalid.



DST#2

DST No. 2 Johnson
Interval: 4584'-4632'
Times: 30:45-6:00
Recovery: 310' WCM, 180' Water
FP: 61-180#/185-285# SIP: 1130-1110#
Chlor: 36,000ppm
BHT: 117 deg. F

IFP: Fair blow bldg to BOB 28min
ISIP: Very weak return
FFP: Very low blow to BOB 34mins FSIP:
No return





TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Grand Mesa Operating Company

Greg #1-26

1700 N Waterfront PKWY
Bldg 600
Wichita Ks 67206
ATTN: Steve Carl

26-12-32 Logan Co

Job Ticket: 040195

DST#: 1

Test Start: 2010.11.25 @ 19:25:15

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:32:15

Time Test Ended: 02:38:15

Test Type: Conventional Bottom Hole

Tester: Mike Roberts

Unit No: 48

Interval: 4582.00 ft (KB) To 4627.00 ft (KB) (TVD)

Reference Elevations: 3023.00 ft (KB)

Total Depth: 4627.00 ft (KB) (TVD)

3018.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8358 Outside

Press @ Run Depth: 145.93 psig @ 4615.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.11.25

End Date:

2010.11.26

Last Calib.:

2010.11.26

Start Time: 19:25:15

End Time:

02:38:15

Time On Btm:

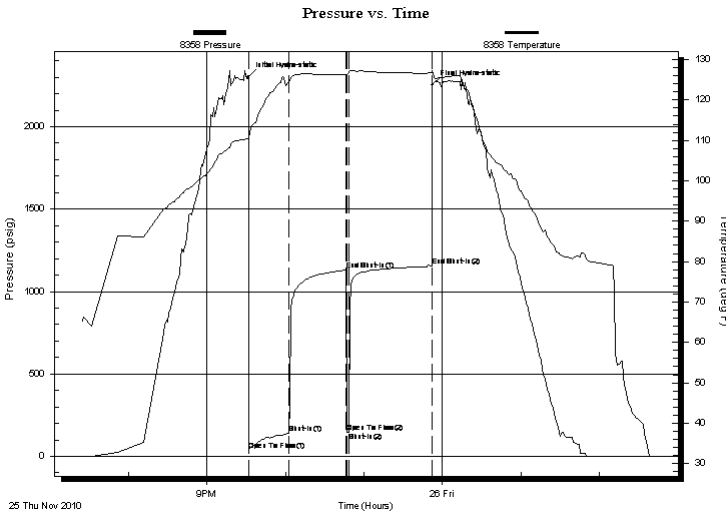
2010.11.25 @ 21:32:00

Time Off Btm:

2010.11.25 @ 23:52:30

TEST COMMENT: IF: Built to 7" blow
IS: No return blow
FF: Weak surface blow
FS: Pulled test due to back lashing

PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2303.08 | 110.43 | Initial Hydro-static |
| 1 | 37.72 | 110.07 | Open To Flow (1) |
| 31 | 141.36 | 124.61 | Shut-In(1) |
| 75 | 1130.22 | 126.23 | End Shut-In(1) |
| 75 | 143.97 | 125.99 | Open To Flow (2) |
| 77 | 145.93 | 126.94 | Shut-In(2) |
| 141 | 1154.90 | 126.91 | End Shut-In(2) |
| 141 | 2253.50 | 127.28 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|---------------------|--------------|
| 200.00 | mud w ith oil spots | 1.72 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Grand Mesa Operating Company

Greg #1-26

1700 N Waterfront PKWY
Bldg 600
Wichita Ks 67206
ATTN: Steve Carl

26-12-32 Logan Co

Job Ticket: 040195

DST#: 1

Test Start: 2010.11.25 @ 19:25:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|---------------------|---------------|
| 200.00 | mud w ith oil spots | 1.721 |

Total Length: 200.00 ft Total Volume: 1.721 bbl

Num Fluid Samples: 0

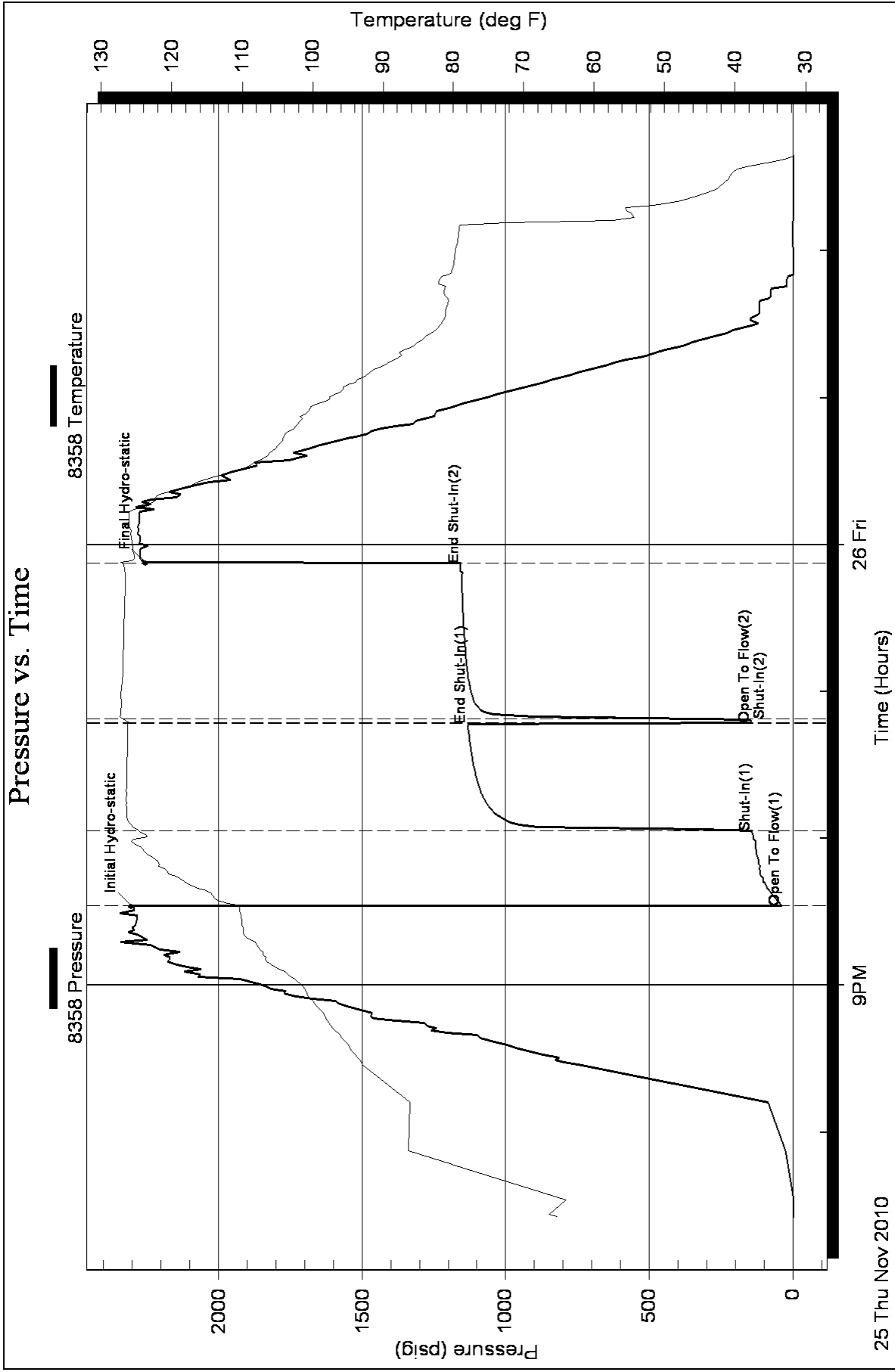
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **GRAND MESA OPERATING**

1700 N WATERFRONT
PKWY BLDG 600
WICHITA KS 672065

ATTN: STEVE CARL

26-12S-32W LOGAN

GREG 1-26

Start Date: 2010.11.29 @ 09:00:00

End Date: 2010.11.29 @ 16:56:30

Job Ticket #: 1055 DST #: 2

Eagle Testers LLC.

P.O.Box 1011, Great Bend, KS 67530

620-617-7548

Printed: 2010.11.29 @ 09:48:48

GRAND MESA OPERATING
GREG 1-26
26-12S-32W LOGAN
DST # 2
JOHNSON
2010.11.29



DRILL STEM TEST REPORT

GRAND MESA OPERATING

GREG 1-26

1700 N WATERFRONT
PKWY BLDG 600
WICHITA KS 672065
ATTN: STEVE CARL

26-12S-32W LOGAN

Job Ticket: 1055 **DST#: 2**
Test Start: 2010.11.29 @ 09:00:00

GENERAL INFORMATION:

Formation: **JOHNSON**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:47:30

Time Test Ended: 16:56:30

Test Type: Conventional Bottom Hole (Initial)

Tester: DAVID NICHOLS

Unit No: 15 67 MRT SCOTT CIT

Interval: 4584.00 ft (KB) To 4632.00 ft (KB) (TVD)

Total Depth: 4632.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3024.00 ft (KB)

3018.00 ft (CF)

KB to GR/CF: 6.00 ft

Serial #: 6651

Inside

Press @ Run Depth: 285.11 psig @ 4628.00 ft (KB)

Capacity: 5000.00 psig

Start Date: 2010.11.29

End Date: 2010.11.29

Last Calib.: 2010.11.29

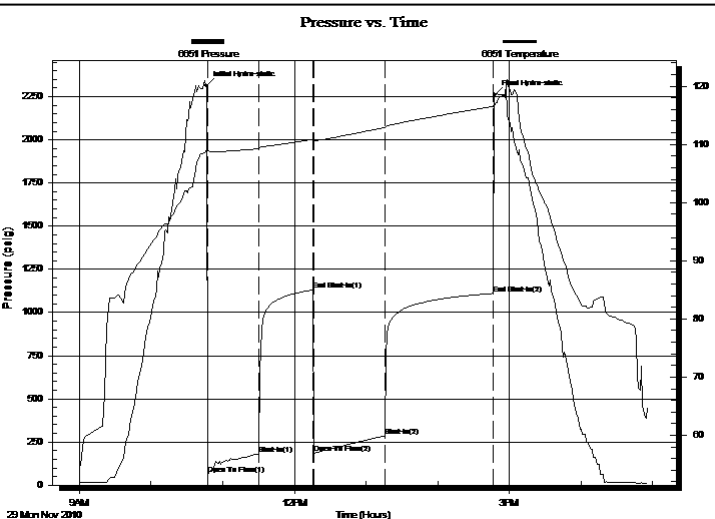
Start Time: 09:00:00

End Time: 16:56:30

Time On Btm: 2010.11.29 @ 10:46:30

Time Off Btm: 2010.11.29 @ 14:48:00

TEST COMMENT: 45-INITIAL OPENING WEAK BLOW BOTTOM BUCKET IN 28 MIN
45-INITIAL SHUT IN VERY WEAK BLOW BACK
60-FINAL OPENING WEAK BLOW BUILT TO BOTTOM BUCKET IN 34 MINS
90-FINAL SHUT IN NO BLOW BACK



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2314.20 | 109.34 | Initial Hydro-static |
| 1 | 60.71 | 108.85 | Open To Flow (1) |
| 44 | 180.40 | 109.26 | Shut-In(1) |
| 89 | 1130.31 | 110.88 | End Shut-In(1) |
| 90 | 184.57 | 110.67 | Open To Flow (2) |
| 149 | 285.11 | 112.89 | Shut-In(2) |
| 240 | 1110.44 | 116.53 | End Shut-In(2) |
| 242 | 2263.95 | 116.90 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|------------------------------|--------------|
| 310.00 | WATER CUT MUD 65%MUD35%WATER | 3.37 |
| 180.00 | WATER TRACE OF MUD 95%W5%MUD | 2.63 |
| | | |
| | | |
| | | |

Gas Rates

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



DRILL STEM TEST REPORT

GRAND MESA OPERATING

GREG 1-26

1700 N WATERFRONT
PKWY BLDG 600
WICHITA KS 672065
ATTN: STEVE CARL

26-12S-32W LOGAN

Job Ticket: 1055

DST#: 2

Test Start: 2010.11.29 @ 09:00:00

GENERAL INFORMATION:

Formation: **JOHNSON**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:47:30

Time Test Ended: 16:56:30

Test Type: Conventional Bottom Hole (Initial)

Tester: DAVID NICHOLS

Unit No: 15 67 MRT SCOTT CIT

Interval: **4584.00 ft (KB) To 4632.00 ft (KB) (TVD)**

Total Depth: 4632.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3024.00 ft (KB)

3018.00 ft (CF)

KB to GR/CF: 6.00 ft

Serial #: **8525** Outside

Press @ Run Depth: psig @ 4629.00 ft (KB)

Start Date: 2010.11.29

End Date: 2010.11.29

Start Time: 09:00:00

End Time: 17:03:30

Capacity: 5000.00 psig

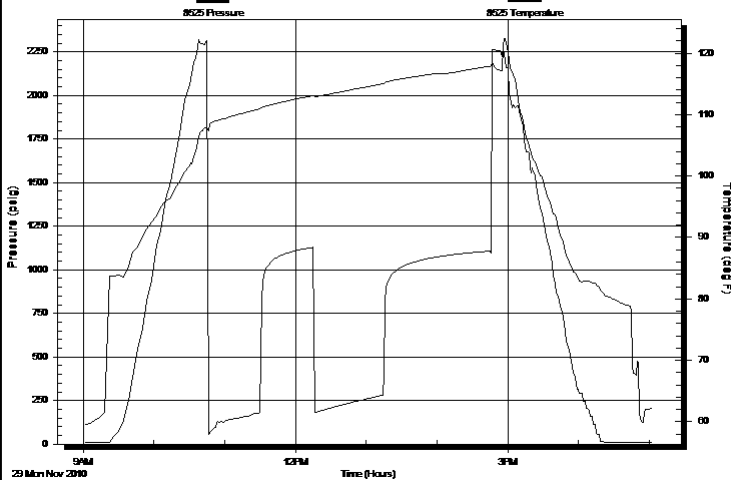
Last Calib.: 2010.11.29

Time On Btm:

Time Off Btm:

TEST COMMENT: 45-INITIAL OPENING WEAK BLOW BOTTOM BUCKET IN 28 MIN
45-INITIAL SHUT IN VERY WEAK BLOW BACK
60-FINAL OPENING WEAK BLOW BUILT TO BOTTOM BUCKET IN 34 MINS
90-FINAL SHUT IN NO BLOW BACK

Pressure vs. Time



PRESSURE SUMMARY

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

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|------------------------------|--------------|
| 310.00 | WATER CUT MUD 65%MUD35%WATER | 3.37 |
| 180.00 | WATER TRACE OF MUD 95%W5%MUD | 2.63 |
| | | |
| | | |
| | | |

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

GRAND MESA OPERATING

GREG 1-26

1700 N WATERFRONT
 PKWY BLDG 600
 WICHITA KS 672065
 ATTN: STEVE CARL

26-12S-32W LOGAN

Job Ticket: 1055

DST#: 2

Test Start: 2010.11.29 @ 09:00:00

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 4442.00 ft | Diameter: 3.88 inches | Volume: 64.96 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: 75000.00 lb |
| | | | <u>Total Volume: 65.55 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 1.00 ft | | | String Weight: Initial 58000.00 lb |
| Depth to Top Packer: | 4584.00 ft | | | Final 58000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 48.00 ft | | | |
| Tool Length: | 71.00 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 | | | 4566.00 | |
| HYD S.I. Tool | 5.00 | | | 4571.00 | |
| jars | 6.00 | | | 4577.00 | |
| safty joint | 2.00 | | | 4579.00 | |
| TRAVEL COLER | 2.00 | | | 4581.00 | |
| Packer | 3.00 | | | 4584.00 | 23.00 Bottom Of Top Packer |
| travel collar | 1.00 | | | 4585.00 | 48.00 Tool Interval |
| Packer | 1.00 | | | 4586.00 | |
| change over sub | 0.75 | | | 4586.75 | |
| drill pipe | 31.50 | | | 4618.25 | |
| change over sub | 0.75 | | | 4619.00 | |
| Perforations | 8.00 | | | 4627.00 | |
| Recorder | 1.00 | 6651 | Inside | 4628.00 | |
| Recorder | 1.00 | 8525 | Outside | 4629.00 | |
| bull plug | 3.00 | | | 4632.00 | 1000070.00 Bottom Packers & Anchor |

Total Tool Length: 71.00



DRILL STEM TEST REPORT

FLUID SUMMARY

GRAND MESA OPERATING

GREG 1-26

1700 N WATERFRONT
PKWY BLDG 600
WICHITA KS 672065
ATTN: STEVE CARL

26-12S-32W LOGAN

Job Ticket: 1055

DST#: 2

Test Start: 2010.11.29 @ 09:00:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 48.00 sec/qt
Water Loss: 7.90 in³
Resistivity: ohm.m
Salinity: 3000.00 ppm
Filter Cake: 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 |
|--------------|------------------------------|---------------|
| 310.00 | WATER CUT MUD 65%MUD35%WATER | 3.369 |
| 180.00 | WATER TRACE OF MUD 95%W5%MUD | 2.632 |

Total Length: 490.00 ft Total Volume: 6.001 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

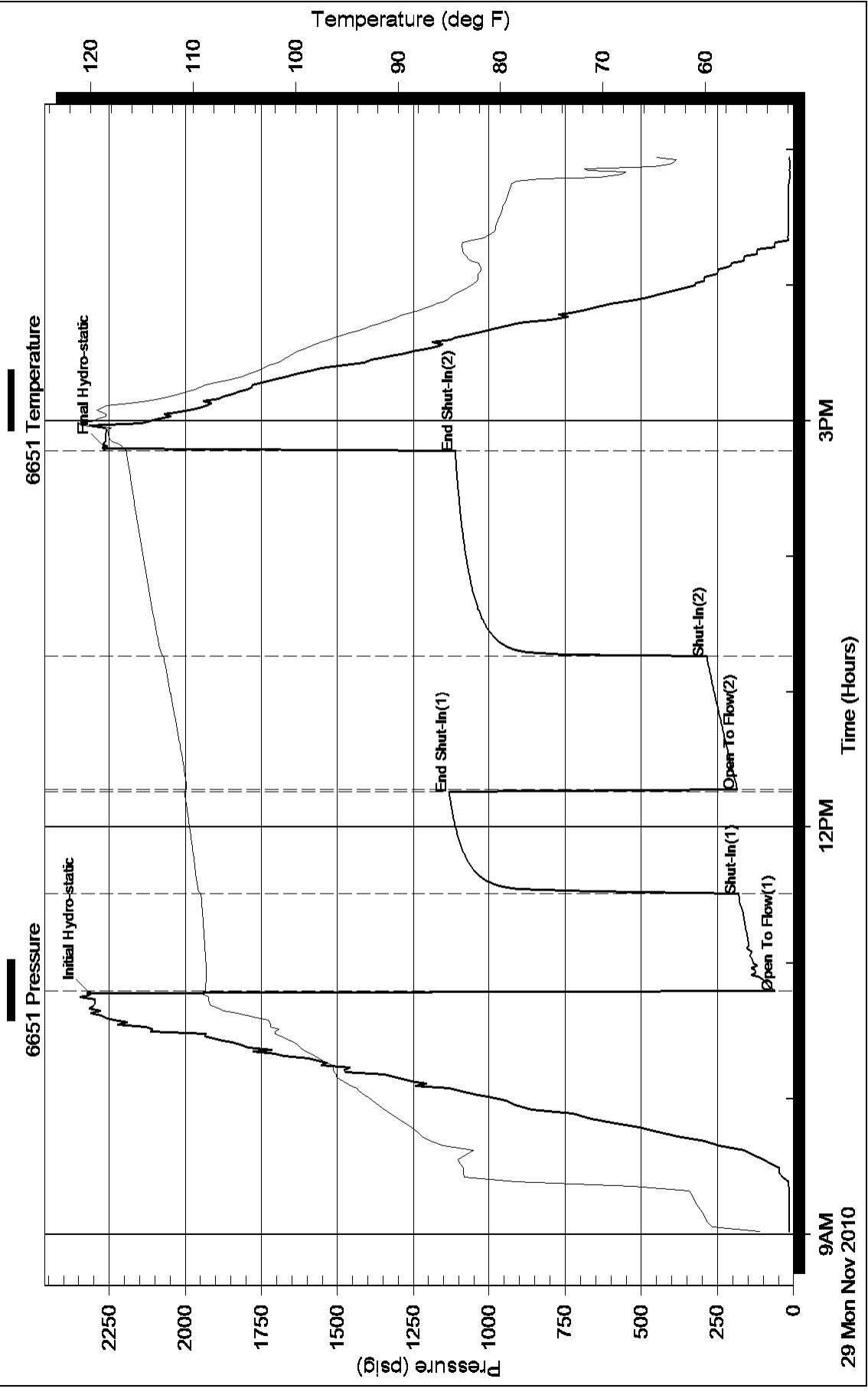
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RECOVERY CHLORIDES 35,000

Pressure vs. Time



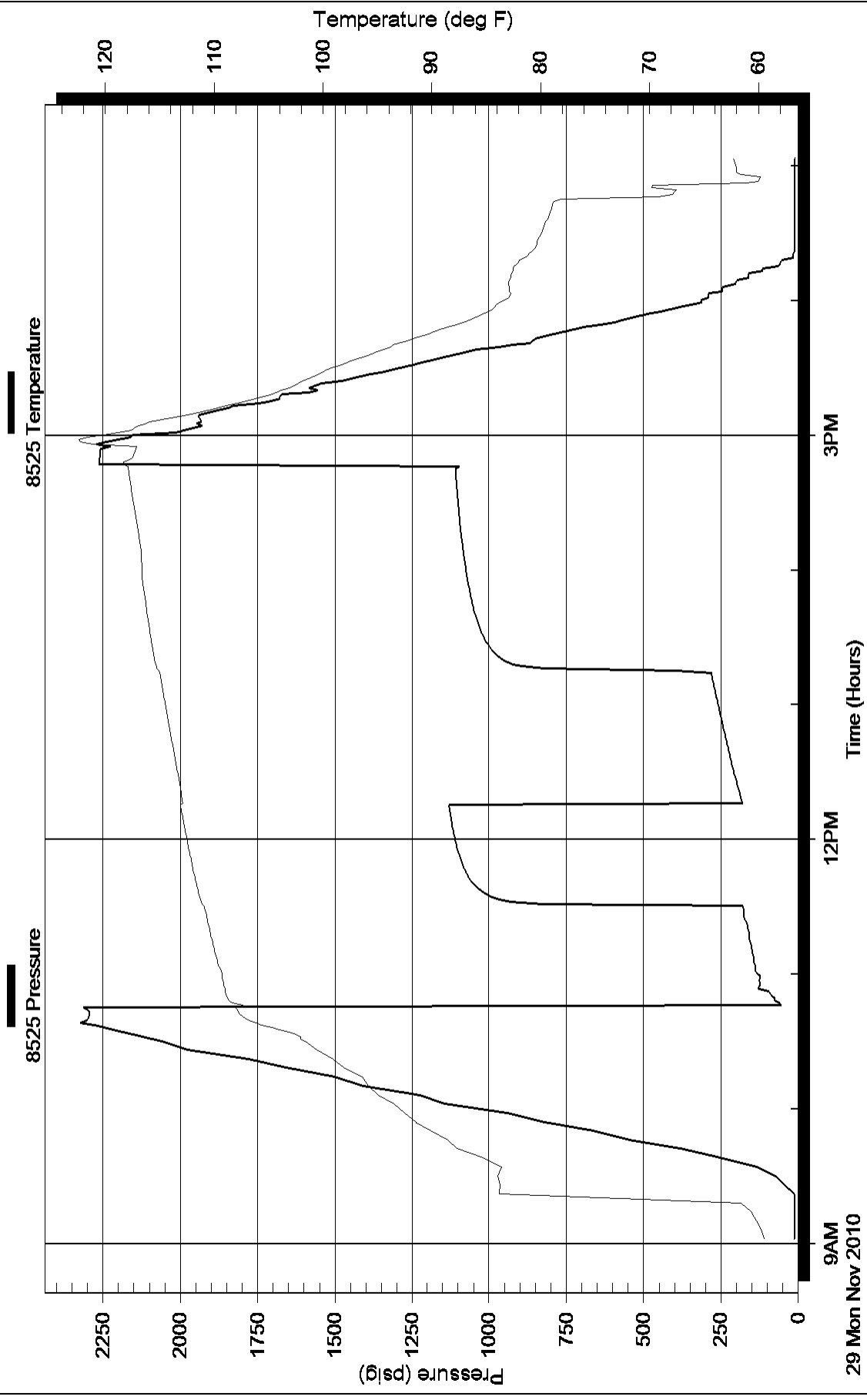
Serial #: 8525

Outside GRAND MESA OPERATING

26-12S-32W LOGAN

DST Test Number: 2

Pressure vs. Time



Eagle Testers LLC.

Ref. No: 1055

Printed: 2010.11.29 @ 09:48:50

ALLIED CEMENTING CO., LLC. 040843

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Oakley

| | | | | | | | |
|--|--------------------|----------------------------------|-----------------|------------|---------------------|-------------------------|--------------------------|
| DATE <u>11-20-10</u> | SEC <u>26</u> | TWP. <u>12</u> | RANGE <u>32</u> | CALLED OUT | ON LOCATION | JOB START <u>7:00PM</u> | JOB FINISH <u>8:00PM</u> |
| LEASE <u>Greg</u> | WELL # <u>1-26</u> | LOCATION <u>Oakley 9/4 S E10</u> | | | COUNTY <u>Logan</u> | STATE <u>KS</u> | |
| OLD OR <input checked="" type="radio"/> NEW (Circle one) | | | | | | | |

CONTRACTOR Murfin Drilling Rig 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'

PERFS.

DISPLACEMENT 13/8 BBL

EQUIPMENT

PUMP TRUCK CEMENTER Andrew

423-281 HELPER Larene

BULK TRUCK

404 DRIVER Darrin

BULK TRUCK

DRIVER

REMARKS:

Cement Did Circulate

thank you

CHARGE TO: Grand mesa

STREET

CITY STATE ZIP

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

OWNER Same

CEMENT

AMOUNT ORDERED 165 sks com

3/0cc 2/ogel

| | | | | |
|----------|--------------------|---|--------------|----------------------|
| COMMON | <u>165 sks</u> | @ | <u>15.45</u> | <u>2549.25</u> |
| POZMIX | | @ | | |
| GEL | <u>3 sks</u> | @ | <u>20.80</u> | <u>62.40</u> |
| CHLORIDE | <u>6 sks</u> | @ | <u>58.20</u> | <u>349.20</u> |
| ASC | | @ | | |
| | | @ | | |
| | | @ | | |
| | | @ | | |
| | | @ | | |
| | | @ | | |
| | | @ | | |
| HANDLING | <u>174 sks</u> | @ | <u>2.40</u> | <u>417.60</u> |
| MILEAGE | <u>10¢ sk/mile</u> | | | <u>174.00</u> |
| | | | | TOTAL <u>3552.45</u> |

SERVICE

| | | | |
|----------------------|-----------------|---|--------------------------|
| DEPTH OF JOB | <u>222'</u> | | |
| PUMP TRUCK CHARGE | | | <u>1018.00</u> |
| EXTRA FOOTAGE | | @ | |
| MILEAGE | <u>10 miles</u> | @ | <u>7.00</u> <u>70.00</u> |
| MANIFOLD | | @ | |
| | | @ | |
| | | | |
| TOTAL <u>1088.00</u> | | | |

PLUG & FLOAT EQUIPMENT

| | | |
|-------|---|--|
| | @ | |
| | @ | |
| | @ | |
| | @ | |
| | @ | |
| TOTAL | | |

SALES TAX (If Any)

TOTAL CHARGES

DISCOUNT IF PAID IN 30 DAYS

ALLIED CEMENTING CO., LLC. 035624

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Oakley, KS

| | | | | | | | |
|---------------------------------------|-------------------|-------------------|------------------------------|------------|------------------------------|------------------------|------------------------------|
| DATE <u>11-28-10</u> | SEC. <u>21</u> | TWP. <u>12</u> | RANGE <u>32</u> | CALLED OUT | ON LOCATION <u>7:00pm</u> | JOB START | JOB FINISH <u>11:30pm</u> |
| LEASE <u>Greg</u> | WELL# <u>1-26</u> | | LOCATION <u>Oakley 85-60</u> | | | COUNTY <u>logan</u> | STATE <u>KS</u> |
| OLD OR NEW (Circle one) <u>NEW</u> | | | | | | | |

CONTRACTOR Murphy #24
 TYPE OF JOB PTA
 HOLE SIZE 7 7/8 T.D. 4720'
 CASING SIZE _____ DEPTH _____
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE 4" 2 DEPTH 2550
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT _____

EQUIPMENT

PUMP TRUCK CEMENTER T-224
 # 431 HELPER Kelly
 BULK TRUCK _____
 # 394 DRIVER Darrin
 BULK TRUCK _____
 # _____ DRIVER _____

REMARKS:

25 sks @ 2550'
100 sks @ 1570'
40 sks @ 270'
10 sks @ 40' w/plus
15 sks MH
30 sks RH
Job complete @
Thanks T-224 crew

CHARGE TO: Grand Mesa
 STREET _____
 CITY _____ STATE _____ ZIP _____

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

OWNER _____
 CEMENT
 AMOUNT ORDERED 220 60140 49050
114# 210-seal

| | | | | |
|-----------------|----------------|---|--------------|----------------|
| COMMON | <u>132</u> | @ | <u>15.45</u> | <u>2039.40</u> |
| POZMIX | <u>88</u> | @ | <u>8.00</u> | <u>704.00</u> |
| GEL | <u>8</u> | @ | <u>20.80</u> | <u>166.40</u> |
| CHLORIDE | | @ | | |
| ASC | | @ | | |
| <u>Flowseal</u> | <u>55#</u> | @ | <u>2.50</u> | <u>137.50</u> |
| | | @ | | |
| | | @ | | |
| | | @ | | |
| | | @ | | |
| | | @ | | |
| | | @ | | |
| HANDLING | <u>230</u> | @ | <u>2.40</u> | <u>552.00</u> |
| MILEAGE | <u>minimum</u> | | | <u>312.00</u> |
| TOTAL | | | | <u>3911.30</u> |

SERVICE

DEPTH OF JOB 2550'
 PUMP TRUCK CHARGE _____
 EXTRA FOOTAGE _____ @ _____
 MILEAGE 8 @ 7.00 56.00
 MANIFOLD _____ @ _____
 _____ @ _____
 _____ @ _____

TOTAL 1073

PLUG & FLOAT EQUIPMENT

1.8 7/8 plus @ 40.00
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____

TOTAL 40.00

SALES TAX (If Any) _____
 TOTAL CHARGES _____
 DISCOUNT _____ IF PAID IN 30 DAYS