

**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # 9855  
Name: Grand Mesa Operating Company  
Address 1: 1700 N WATERFRONT PKWY BLDG 600  
Address 2: \_\_\_\_\_  
City: WICHITA State: KS Zip: 67206 + 5514  
Contact Person: Ronald N. Sinclair  
Phone: ( 316 ) 265-3000  
CONTRACTOR: License # 30606  
Name: Murfin Drilling Co., Inc.  
Wellsite Geologist: Robert J. Petersen  
Purchaser: N/A

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 #: \_\_\_\_\_

<u>10/30/2010</u>	<u>11/08/2010</u>	<u>11/08/2010</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-109-20956-00-00

Spot Description: 330' FSL & 488' FEL, W/2 SE SE SE  
W2 SE SE SE Sec. 26 Twp. 12 S. R. 32  East  West  
330 Feet from  North /  South Line of Section  
488 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE     NW     SE     SW

County: Logan

Lease Name: G. Andersen Well #: 3-26

Field Name: Wildcat

Producing Formation: None

Elevation: Ground: 2992 Kelly Bushing: 2997

Total Depth: 4710 Plug Back Total Depth: 0

Amount of Surface Pipe Set and Cemented at: 220 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: 15000 ppm Fluid volume: 1000 bbls

Dewatering method used: Evaporated

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

**AFFIDAVIT**

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

**KCC Office Use ONLY**

- Letter of Confidentiality Received  
Date: 11/15/2010
- Confidential Release Date: 11/14/2012
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: NAOMI JAMES Date: 11/15/2010



1046942

Operator Name: Grand Mesa Operating Company Lease Name: G. Andersen Well #: 3-26  
 Sec. 26 Twp. 12 S. R. 32  East  West County: Logan

**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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run: Compact Photo Density Compensated Neutron Micro-Res Log Array Induction Shallow Focussed Electric Log Micro Resistivity Log	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border: none;"> <tr> <td style="width:33%; border: none;">Name Attached</td> <td style="width:33%; border: none;">Top Attached</td> <td style="width:33%; border: none;">Datum Attached</td> </tr> </table>	Name Attached	Top Attached	Datum Attached
Name Attached	Top Attached	Datum Attached		

CASING RECORD <input checked="" 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
Surface	12.25	8.625	23	220	Common	165	3% CC; 2% Gel

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 checked="" type="checkbox"/> Plug Off Zone	0-4710	60/40 Pozmix	220	4% Gel; 1/4# sx Flocele

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: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. _____		Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____	
Estimated Production Per 24 Hours	Oil Bbbs.	Gas Mcf	Water Bbbs. 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: _____ _____
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Form	ACO1 - Well Completion
Operator	Grand Mesa Operating Company
Well Name	G. Andersen 3-26
Doc ID	1046942

Tops

Stone Corral	2508	+489
Bs/Stone Corral	3532	+465
Heebner	3976	-979
Lansing	4020	-1023
Muncie Creek	4167	-1170
Stark	4249	-1252
Marmaton	4344	-1347
Little Osage	4480	-1483
Johnson	4580	-1583
Morrow	4606	-1609
Mississippian	4657	-1660
LTD	4708	

# GEOLOGIST'S REPORT

## DRILLING TIME AND SAMPLE LOG

GRAND MESA OPERATING CO.

WELL: G. ANDERSEN #3-26

LOC.: W/2 SE SE SE

330' FSL & 488' FEL

SEC. 26-12-32W

LOGAN COUNTY, KANSAS

API: 15-109-20956-00-00

DRILLING CONTR.: MURFIN RIG #24

SPUD: 10-30-10 COMP: 11-08-10

MUD UP: 3500' TYPE MUD: CHEM.

DRILL TIME: 3600-RTD

RTD: 4710' LTD: 4708'

SAMPLES SAVED: 3800'-RTD

GEOLOGIST: ROBERT J. PETERSEN

### ELEVATION

KB: 2997'

GL: 2992'

LOG MEASURED

FROM: KB

### SURFACE CASING

23# 8 5/8" surface csg.

Set @220' KB.

Cem. w/165sx Common.

3% CC. 2% Gel.

### PRODUCTION CASING

None D&A

### WELL LOG SURVEYS

DIL/CDL w/micro

### FORMATION TOPS

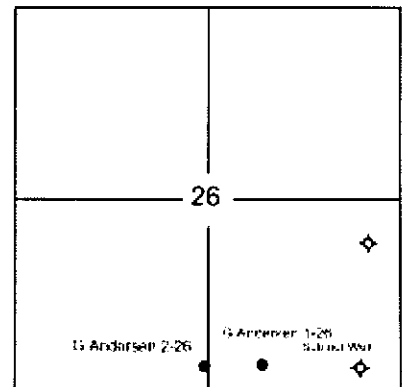
Formation	Sample Top	Bottom	Elev. Top	Bottom	Feet
Stone Corral	2500	488	2505	488	-1
S. Stone Corral	2500	487	2507	488	-1
Hoecher	3879	-883	3876	-879	-1
Jensite	4019	-1000	4019	-1000	-1
Mudstone	4187	-1170	4187	-1170	-1
Franklin	4249	-1250	4249	-1250	-1
Morrison	4351	-1359	4344	-1347	-1
Little George	4455	-1488	4480	-1483	-1
Jennison	4582	-1588	4582	-1588	-1
Morrow	4599	-1600	4597	-1600	-1
Wass	4660	-1660	4557	-1660	-1

### REFERENCE WELL:

GRAND MESA  
G. ANDERSEN #1-26  
26-12-32W  
480' FSL & 2010' FEL  
F.L. 2997-3

### REMARKS AND RECOMMENDATIONS

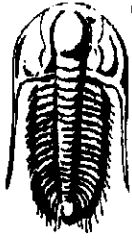
Due to the poor critical stem test results this well was plugged and abandoned by the operator. Respectfully submitted.



### DAILY REPORT

@7:00 A.M.

10-30-10 MURF SPUD  
10-31-10 430' Drilling  
11-01-10 2555' Drilling  
11-02-10 3641' Bit Trip  
11-03-10 4106' C.C.  
11-04-10 4124' DST #2  
11-05-10 4235' Drilling



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Grand Mesa Operating Company  
1700 N. Waterfront Pkw y Bldg 600  
Wichita, Ks 67206  
ATTN: Bob Peterson

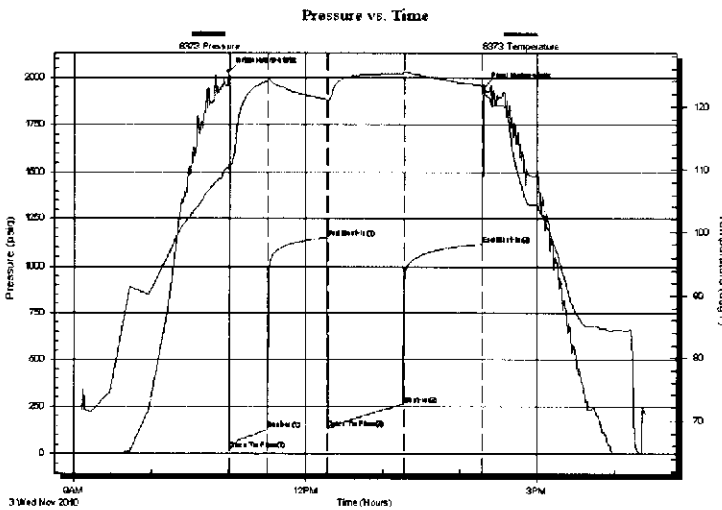
**G Anderson 3-26**  
**26-12-32 Logan, Ks**  
Job Ticket: 040267      **DST#: 1**  
Test Start: 2010.11.03 @ 09:05:59

## GENERAL INFORMATION:

Formation: **LKC E**  
Deviated: **No** Whipstock:                      ft (KB)  
Time Tool Opened: 11:00:54  
Time Test Ended: 16:26:23  
Test Type: Conventional Bottom Hole  
Tester: Brandon Turley  
Unit No: 35  
**Interval: 4083.00 ft (KB) To 4108.00 ft (KB) (TVD)**  
Reference Elevations: 2997.00 ft (KB)  
Total Depth: 4108.00 ft (KB) (TVD)                      2992.00 ft (CF)  
Hole Diameter: 7.88 inches Hole Condition: Good                      KB to GR/CF: 5.00 ft

**Serial #: 8373      Inside**  
Press@RunDepth: 262.53 psig @ 4084.00 ft (KB)                      Capacity: 8000.00 psig  
Start Date: 2010.11.03                      End Date: 2010.11.03                      Last Calib.: 2010.11.03  
Start Time: 09:05:59                      End Time: 16:26:23                      Time On Btm: 2010.11.03 @ 10:59:54  
Time Off Btm: 2010.11.03 @ 14:18:38

**TEST COMMENT:** IF: 1/4 blow BOB in 17 min.  
IS: No return.  
FF: Surface blow BOB in 24 min.  
FS: No return.



## PRESSURE SUMMARY

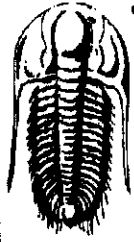
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2031.07	110.27	Initial Hydro-static
1	20.74	109.72	Open To Flow (1)
31	128.83	124.00	Shut-In(1)
77	1145.89	121.13	End Shut-In(1)
78	135.00	120.67	Open To Flow (2)
136	262.53	125.21	Shut-In(2)
197	1114.33	123.32	End Shut-In(2)
199	1949.73	122.14	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
248.00	water 100%w	2.39
220.00	mcw 90%w 10%m	3.09
2.00	free oil 100%o	0.03

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Grand Mesa Operating Company  
1700 N. Waterfront Pkwy Bldg 600  
Wichita, Ks 67206  
ATTN: Bob Peterson

**G Anderson 3-26**  
**26-12-32 Logan, Ks**  
Job Ticket: 040267      **DST#: 1**  
Test Start: 2010.11.03 @ 09:05:59

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 66000 ppm
Viscosity: 56.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.40 in <sup>3</sup>	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 1000.00 ppm		
Filter Cake: 1.00 inches		

## Recovery Information

Recovery Table

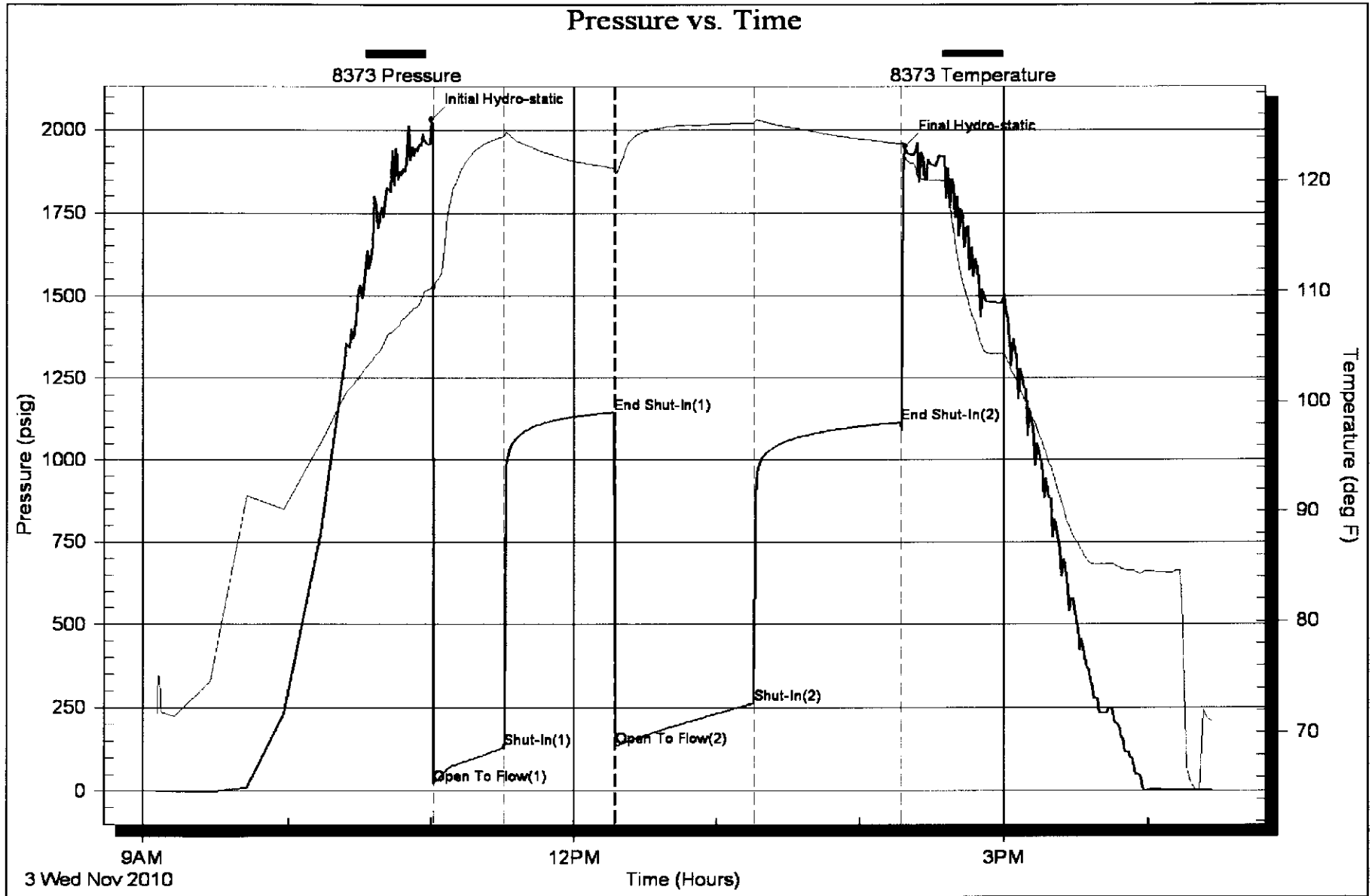
Length ft	Description	Volume bbl
248.00	water 100%w	2.386
220.00	mcw 90%w 10%m	3.086
2.00	free oil 100%o	0.028

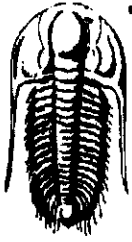
Total Length: 470.00 ft      Total Volume: 5.500 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments: .11@71=66000





**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Grand Mesa Operating Company  
 1700 N. Waterfront Pkwy Bldg 600  
 Wichita, Ks 67206  
 ATTN: Bob Peterson

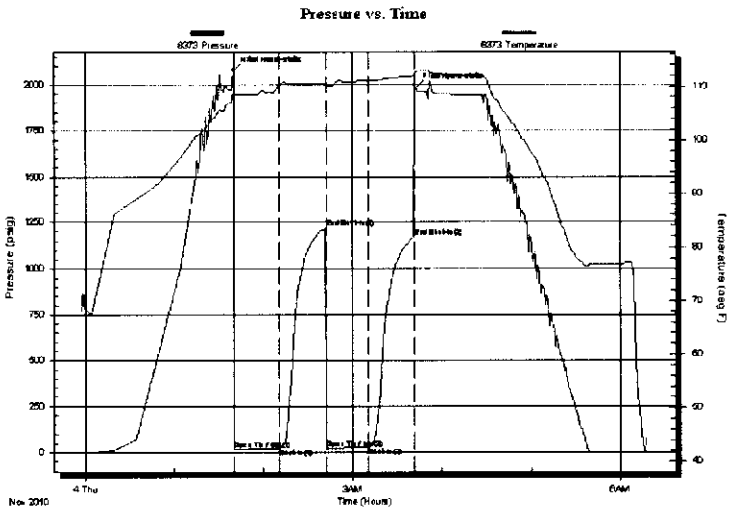
**G Anderson 3-26**  
**26-12-32 Logan, Ks**  
 Job Ticket: 040268 **DST#: 2**  
 Test Start: 2010.11.03 @ 23:57:35

## GENERAL INFORMATION:

Formation: **LKC F**  
 Deviated: **No** Whipstock: **ft (KB)** Test Type: **Conventional Bottom Hole**  
 Time Tool Opened: **01:40:30** Tester: **Brandon Turley**  
 Time Test Ended: **06:18:44** Unit No: **35**  
 Interval: **4112.00 ft (KB) To 4124.00 ft (KB) (TVD)** Reference Elevations: **2997.00 ft (KB)**  
 Total Depth: **4124.00 ft (KB) (TVD)** **2992.00 ft (CF)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Good** KB to GR/CF: **5.00 ft**

**Serial #: 8373** **Inside**  
 Press@RunDepth: **25.72 psig @ 4117.00 ft (KB)** Capacity: **8000.00 psig**  
 Start Date: **2010.11.03** End Date: **2010.11.04** Last Calib.: **2010.11.04**  
 Start Time: **23:57:35** End Time: **06:18:44** Time On Btm: **2010.11.04 @ 01:40:15**  
 Time Off Btm: **2010.11.04 @ 03:42:45**

**TEST COMMENT:** IF: 1/4 blow built to 3/4 in 30 min.  
 IS: No return.  
 FF: Weak surface blow built to 1/4 in 30 min.  
 FS: No return.

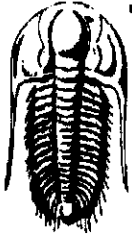


PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2075.83	108.77	Initial Hydro-static
1	17.28	108.26	Open To Flow (1)
31	21.38	110.24	Shut-In(1)
62	1219.49	110.49	End Shut-In(1)
62	22.05	109.86	Open To Flow (2)
91	25.72	110.97	Shut-In(2)
121	1168.55	111.90	End Shut-In(2)
123	1983.32	112.77	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
10.00	mud some oil spots 100% m	0.05

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





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Grand Mesa Operating Company

**G Anderson 3-26**

1700 N. Waterfront Pkwy Bldg 600  
Wichita, Ks 67206

**26-12-32 Logan, Ks**

Job Ticket: 040268

**DST#: 2**

ATTN: Bob Peterson

Test Start: 2010.11.03 @ 23:57:35

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.39 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	mud some oil spots 100% <sub>m</sub>	0.049

Total Length: 10.00 ft      Total Volume: 0.049 bbl

Num Fluid Samples: 0

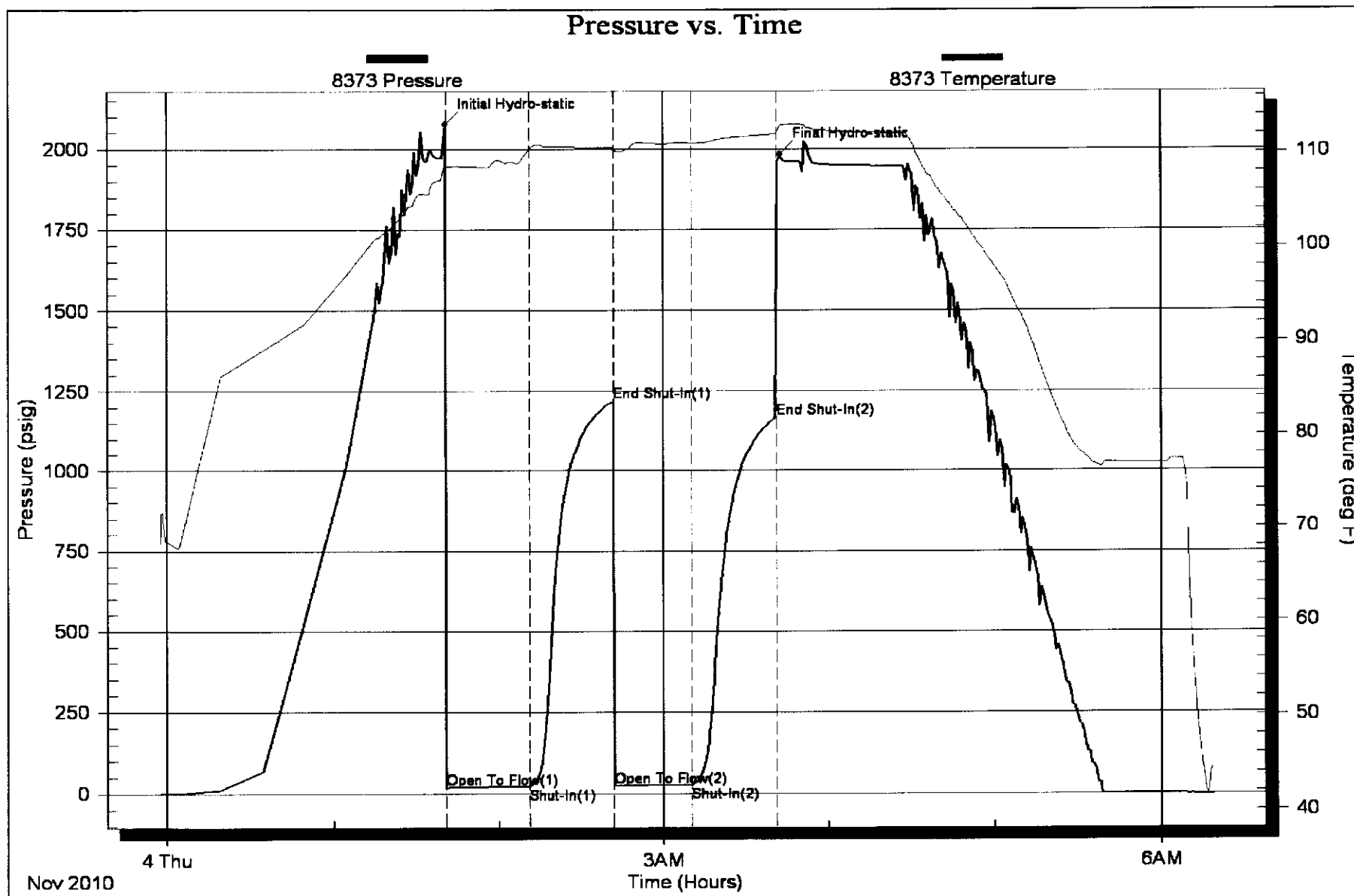
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Grand Mesa Operating Company

**G Anderson 3-26**

1700 N. Waterfront Pkwy Bldg 600  
Wichita, Ks 67206

**26-12-32 Logan, Ks**

Job Ticket: 040269

**DST#: 3**

ATTN: Bob Peterson

Test Start: 2010.11.04 @ 20:20:14

## GENERAL INFORMATION:

Formation: **Lansing I**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:57:39

Time Test Ended: 03:39:23

Test Type: Conventional Bottom Hole

Tester: Brandon Turley

Unit No: 35

Interval: **4200.00 ft (KB) To 4230.00 ft (KB) (TVD)**

Reference Elevations: 2997.00 ft (KB)

Total Depth: 4230.00 ft (KB) (TVD)

2992.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

**Serial #: 8373 Inside**

Press@RunDepth: 395.17 psig @ 4201.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.11.04

End Date: 2010.11.05

Last Calib.: 2010.11.05

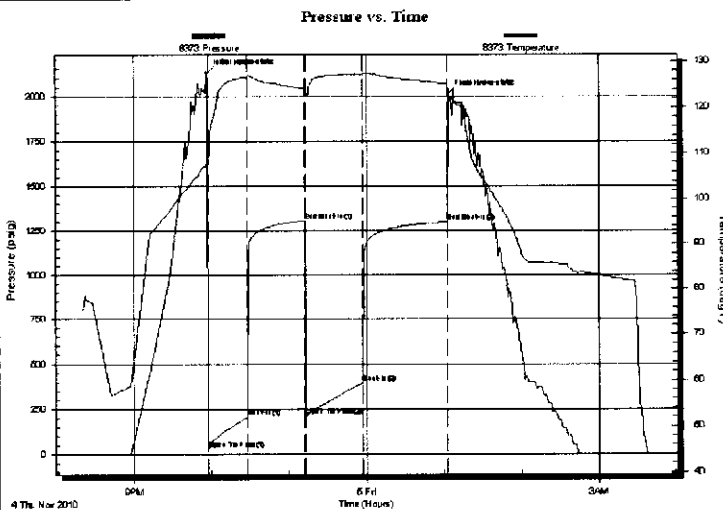
Start Time: 20:20:14

End Time: 03:39:23

Time On Btm: 2010.11.04 @ 21:56:39

Time Off Btm: 2010.11.05 @ 01:03:08

TEST COMMENT: IF: 1/4 blow BOB in 9 min.  
IS: No return.  
FF: 1/4 blow BOB in 11 min.  
FS: No return.



## PRESSURE SUMMARY

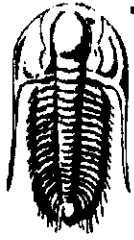
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2126.09	108.09	Initial Hydro-static
1	25.80	108.75	Open To Flow (1)
32	206.72	126.62	Shut-In(1)
76	1304.01	123.99	End Shut-In(1)
77	211.76	123.56	Open To Flow (2)
121	395.17	127.14	Shut-In(2)
186	1297.82	125.14	End Shut-In(2)
187	2007.40	123.05	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
620.00	mcw 95%w 5%m	7.60
196.00	mw 50%w 50%m	2.75

## Gas Rates

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



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1700 N. Waterfront Pkwy Bldg 600  
Wichita, Ks 67206  
ATTN: Bob Peterson

**G Anderson 3-26**  
**26-12-32 Logan, Ks**  
Job Ticket: 040269      **DST#: 3**  
Test Start: 2010.11.04 @ 20:20:14

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	98000 ppm
Viscosity: 56.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.80 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 1800.00 ppm			
Filter Cake: 1.00 inches			

## Recovery Information

Recovery Table

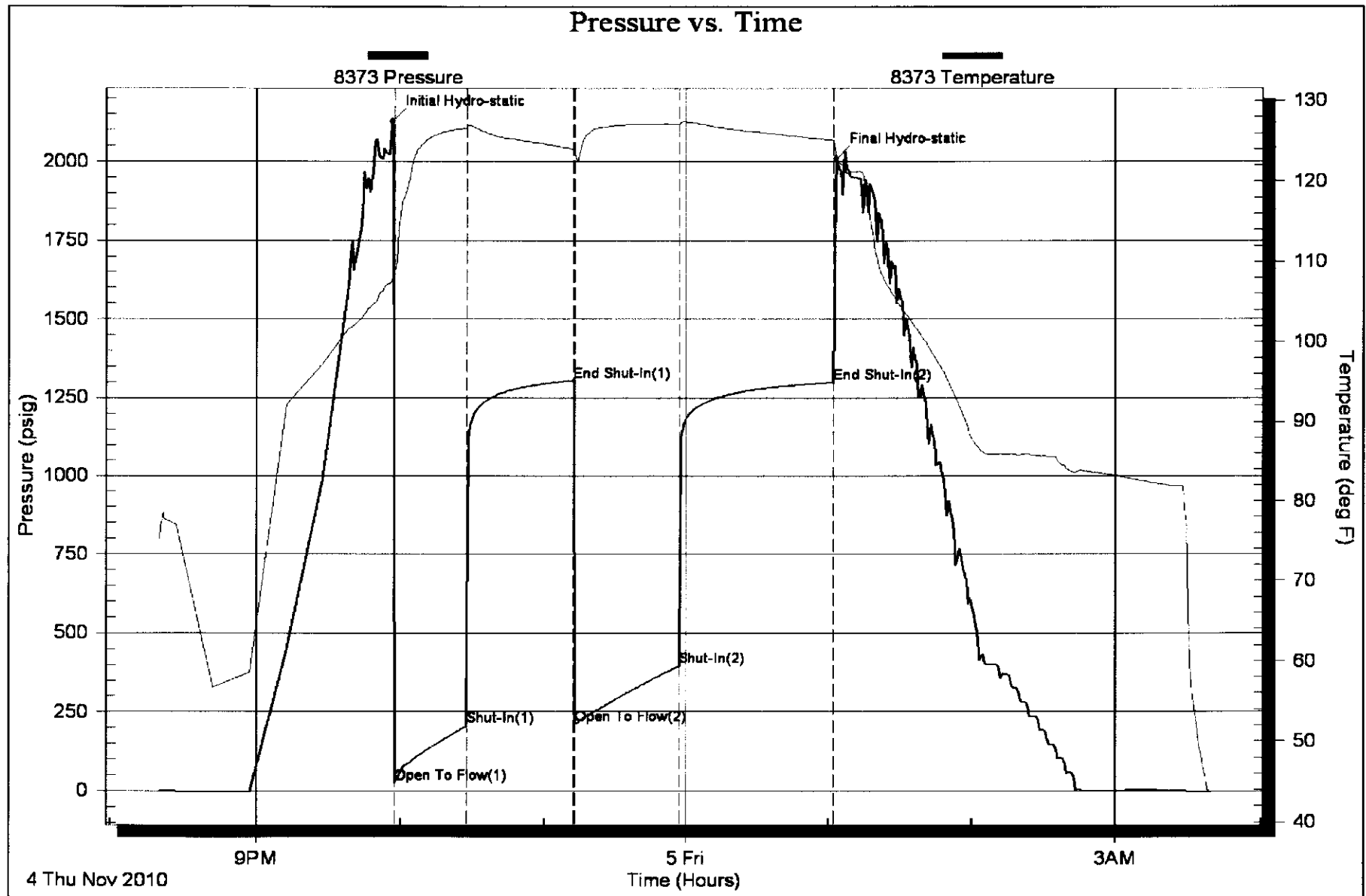
Length ft	Description	Volume bbl
620.00	mcw 95%w 5%m	7.604
196.00	mw 50%w 50%m	2.749

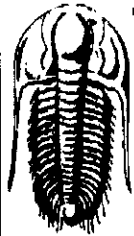
Total Length: 816.00 ft      Total Volume: 10.353 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments: .18@30=98000





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TESTING, INC**

# DRILL STEM TEST REPORT

Grand Mesa Operating Company

**G Anderson 3-26**

1700 N. Waterfront Pkwy Bldg 600  
Wichita, Ks 67206

**26-12-32 Logan, Ks**

Job Ticket: 040270

**DST#: 4**

ATTN: Bob Peterson

Test Start: 2010.11.05 @ 13:24:48

## GENERAL INFORMATION:

Formation: **LKC- K**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 15:04:28

Time Test Ended: 19:47:57

Test Type: **Conventional Bottom Hole**

Tester: **Brandon Turley**

Unit No: **35**

Interval: **4247.00 ft (KB) To 4272.00 ft (KB) (TVD)**

Reference Elevations: **2997.00 ft (KB)**

Total Depth: **4272.00 ft (KB) (TVD)**

**2992.00 ft (CF)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

**KB to GR/CF: 5.00 ft**

**Serial #: 8373**

**Inside**

Press@RunDepth: **42.19 psig @ 4248.00 ft (KB)**

Capacity: **8000.00 psig**

Start Date: **2010.11.05**

End Date:

**2010.11.05**

Last Calib.: **2010.11.05**

Start Time: **13:24:48**

End Time:

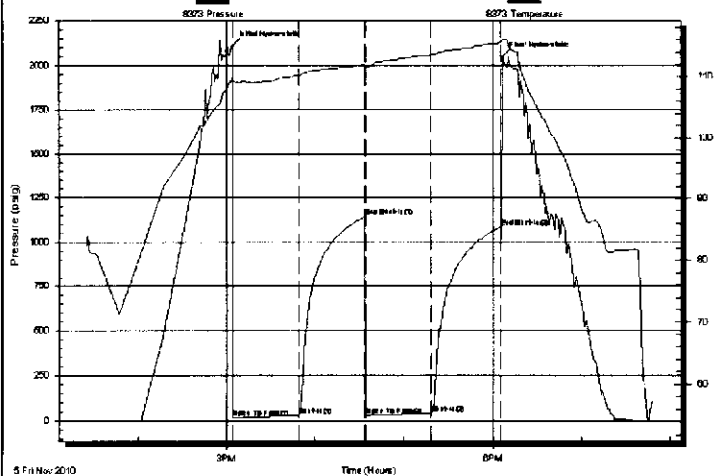
**19:47:57**

Time On Btm: **2010.11.05 @ 15:04:13**

Time Off Btm: **2010.11.05 @ 18:06:27**

**TEST COMMENT:** IF: 1/4 blow built to 1 1/4 in 45 min.  
IS: No return.  
FF: Surface blow built to 1/4 in 45 min.  
FS: No return.

Pressure vs. Time



## PRESSURE SUMMARY

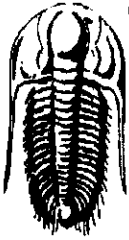
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2109.55	109.94	Initial Hydro-static
1	16.81	109.29	Open To Flow (1)
45	29.77	110.24	Shut-In(1)
90	1140.52	111.98	End Shut-In(1)
90	31.55	111.40	Open To Flow (2)
135	42.19	113.49	Shut-In(2)
181	1083.10	115.48	End Shut-In(2)
183	2047.11	115.97	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
60.00	mud 100% m	0.30

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Grand Mesa Operating Company

**G Anderson 3-26**

1700 N. Waterfront Pkwy Bldg 600  
Wichita, Ks 67206

**26-12-32 Logan, Ks**

Job Ticket: 040270

**DST#: 4**

ATTN: Bob Peterson

Test Start: 2010.11.05 @ 13:24:48

## Mud and Cushion Information

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 55.00 sec/qt  
Water Loss: 7.98 in<sup>3</sup>  
Resistivity: 0.00 ohm.m  
Salinity: 2000.00 ppm  
Filter Cake: 1.00 inches

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

Oil API: 0 deg API  
Water Salinity: 0 ppm

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	mud 100%m	0.295

Total Length: 60.00 ft      Total Volume: 0.295 bbl

Num Fluid Samples: 0

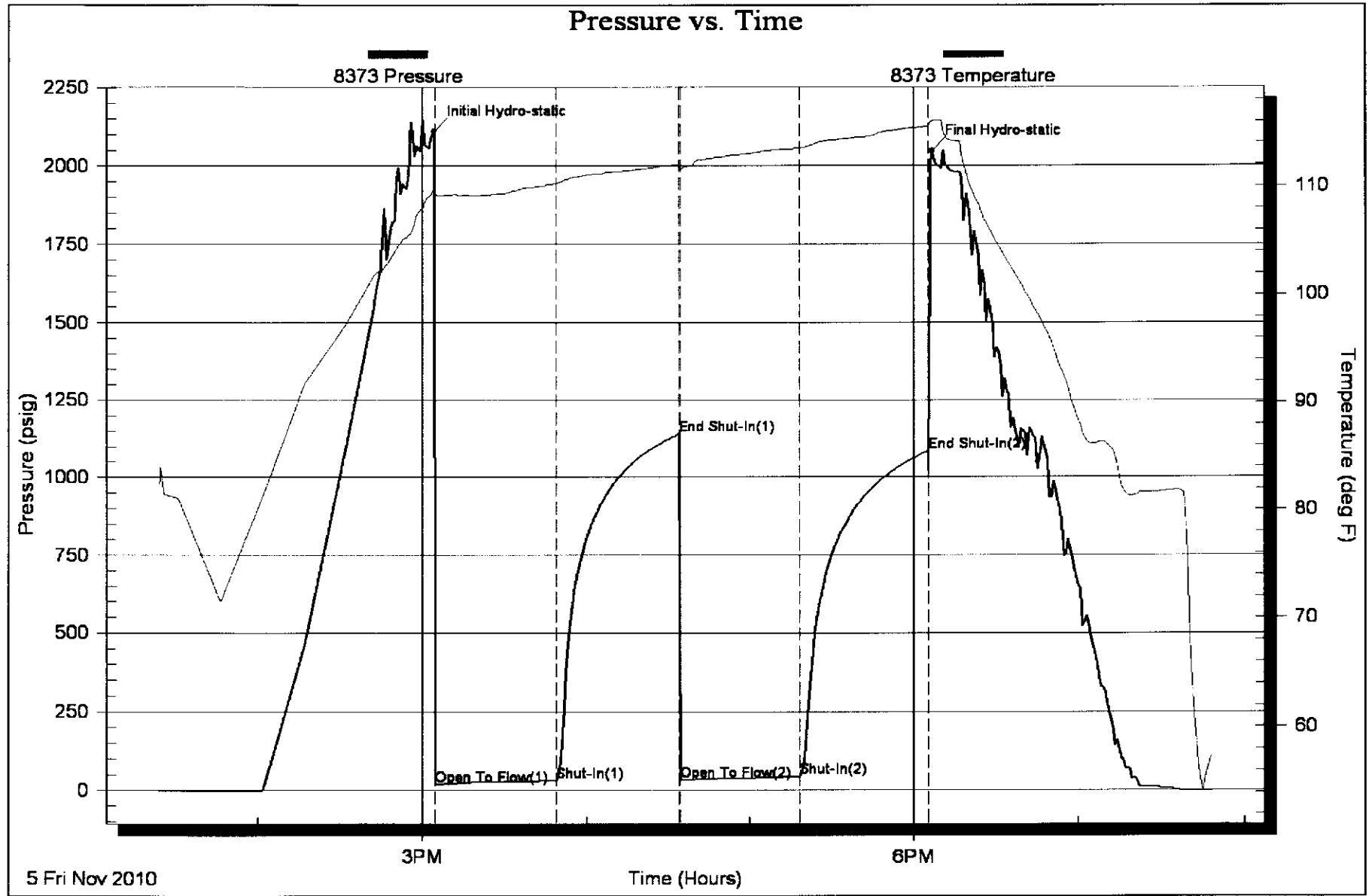
Num Gas Bombs: 0

Serial #:

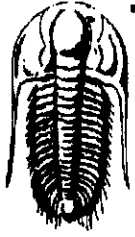
Laboratory Name:

Laboratory Location:

Recovery Comments:







**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Grand Mesa Operating Company  
1700 N. Waterfront Pkwy Bldg 600  
Wichita, Ks 67206  
ATTN: Bob Peterson

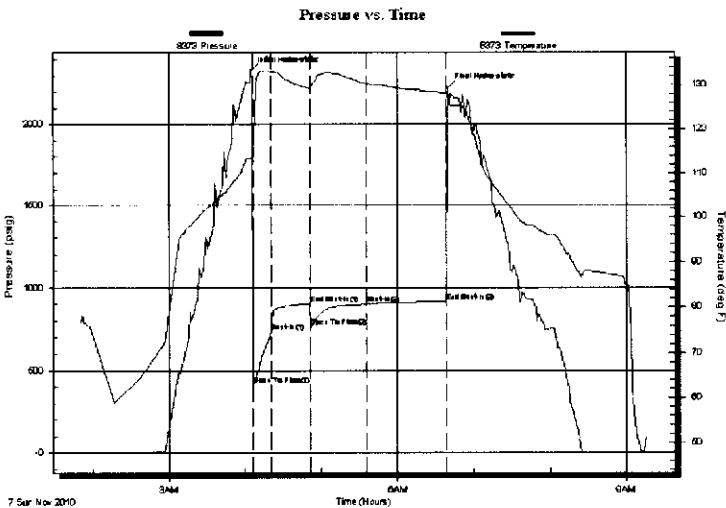
**G Anderson 3-26**  
**26-12-32 Logan, Ks**  
Job Ticket: 040271 **DST#: 5**  
Test Start: 2010.11.07 @ 01:50:21

## GENERAL INFORMATION:

Formation: **Johnson**  
Deviated: **No** Whipstock: **ft (KB)**  
Time Tool Opened: 04:06:16  
Time Test Ended: 09:15:45  
Test Type: **Conventional Bottom Hole**  
Tester: **Brandon Turley**  
Unit No: **35**  
Interval: **4536.00 ft (KB) To 4590.00 ft (KB) (TVD)**  
Reference Elevations: **2997.00 ft (KB)**  
**2992.00 ft (CF)**  
Total Depth: **4590.00 ft (KB) (TVD)**  
Hole Diameter: **7.88 inches** Hole Condition: **Good**  
KB to GR/CF: **5.00 ft**

**Serial #: 8373** **Inside**  
Press@RunDepth: **900.79 psig @ 4537.00 ft (KB)** Capacity: **8000.00 psig**  
Start Date: **2010.11.07** End Date: **2010.11.07** Last Calib.: **2010.11.07**  
Start Time: **01:50:21** End Time: **09:15:45** Time On Btm: **2010.11.07 @ 04:04:46**  
Time Off Btm: **2010.11.07 @ 06:39:45**

**TEST COMMENT:** IF: BOB in 30 sec.  
IS: Surface blow built to 3 in 30 min.  
FF: BOB in 1 1/2 min.  
FS: No return.



## PRESSURE SUMMARY

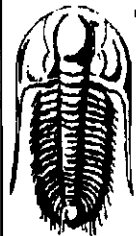
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2330.28	113.36	Initial Hydro-static
2	411.06	113.39	Open To Flow (1)
16	733.03	132.89	Shut-In(1)
47	904.64	129.06	End Shut-In(1)
47	761.60	129.29	Open To Flow (2)
91	900.79	130.24	Shut-In(2)
154	913.60	128.08	End Shut-In(2)
155	2224.49	126.22	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
1674.00	mcw 90%w 10%m	22.39
248.00	w cm 30%w 70%m	3.48

## Gas Rates

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



**TRIOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Grand Mesa Operating Company

**G Anderson 3-26**

1700 N. Waterfront Pkwy Bldg 600  
Wichita, Ks 67206

**26-12-32 Logan, Ks**

Job Ticket: 040271

**DST#: 5**

ATTN: Bob Peterson

Test Start: 2010.11.07 @ 01:50:21

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

42000 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.97 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2300.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1674.00	mcw 90%w 10%m	22.389
248.00	w cm 30%w 70%m	3.479

Total Length: 1922.00 ft      Total Volume: 25.868 bbl

Num Fluid Samples: 0

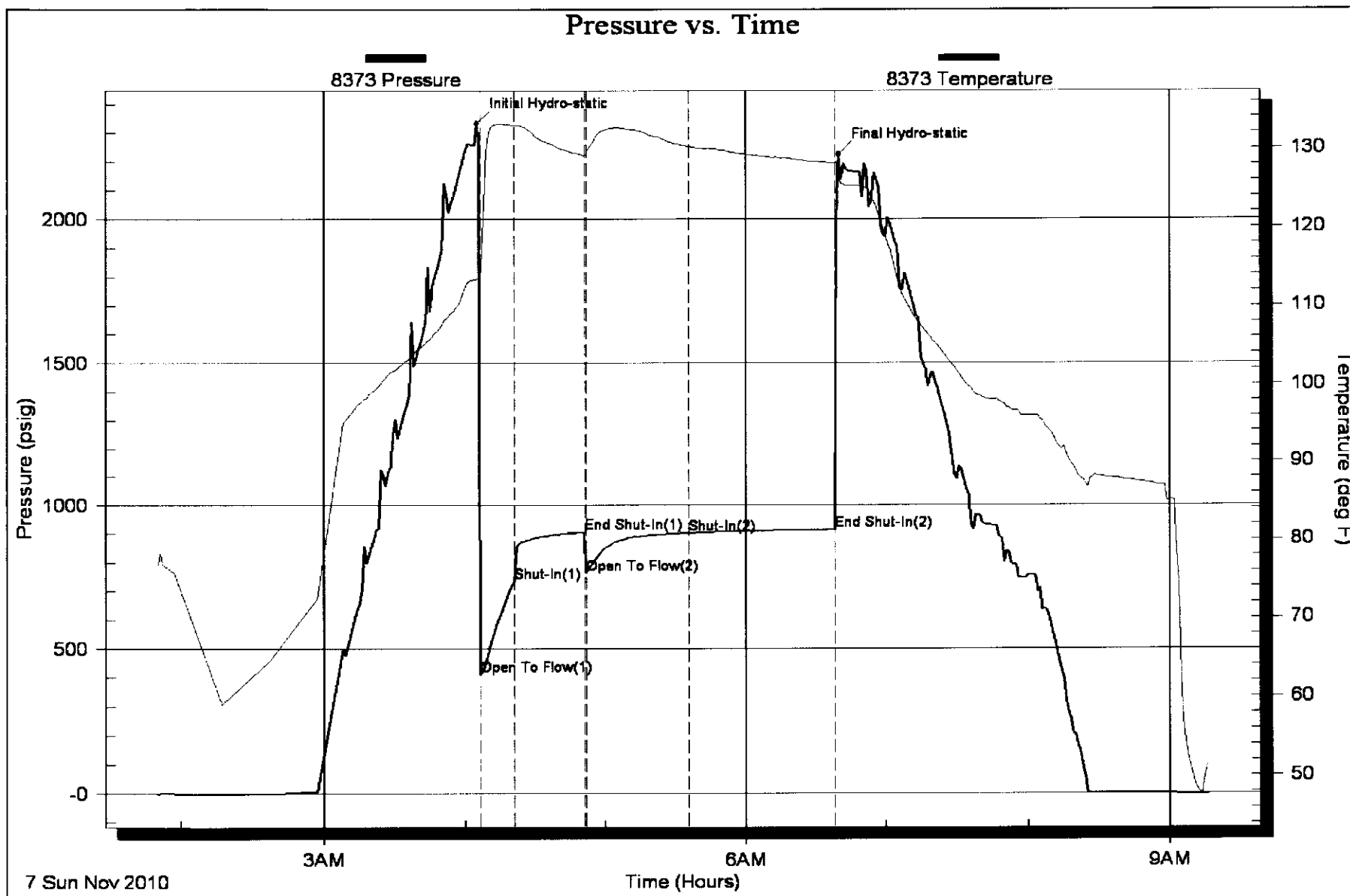
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .29@43=42000





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

November 11, 2010

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

Re: ACO1  
API 15-109-20956-00-00  
G. Andersen 3-26  
SE/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

# ALLIED CEMENTING CO., LLC. 035598

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

SERVICE POINT:  
Oakley, KS

0-30-10 DATE	SEC. 26	TWP. 12	RANGE 32	CALLED OUT	ON LOCATION 5:00pm	JOB START 6:30pm	JOB FINISH 7:00pm
Anderson NAME	WELL# 3-26		LOCATION Oakley 105 - 1/2 E N. N		COUNTY Logan	STATE KS	
OLD OR NEW (Circle one)							

CONTRACTOR Munich #24

TYPE OF JOB Surf Seal

PIPE SIZE 12" x 14 T.D. 220'

PIPE SIZING SIZE 8 5/8 23" DEPTH 220'

PIPE SIZING SIZE DEPTH

WELL PIPE DEPTH

PIPE DEPTH

PIPE MINIMUM

PIPE SHOE JOINT

CEMENT LEFT IN CSG. 15'

RFS.

CEMENT PLACEMENT 13.0 BBLs

OWNER

CEMENT AMOUNT ORDERED 165 com 3070 cc

270 cc

COMMON	<u>165</u>	@	<u>15.45</u>	<u>2549.25</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>20.00</u>	<u>60.00</u>
CHLORIDE	<u>6</u>	@	<u>58.00</u>	<u>348.00</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>174</u>	@	<u>2.40</u>	<u>417.60</u>
MILEAGE	<u>104.5 km</u>			<u>312.00</u>
	<u>minimum</u>			
			TOTAL	<u>3690.46</u>

**EQUIPMENT**

PUMP TRUCK CEMENTER Fuzzy

431 HELPER Killy

WELK TRUCK

482 DRIVER CJ (contract)

WELK TRUCK DRIVER

**REMARKS:**

Cement did circulate

Job completed @ 7:30

Thanks Fuzzy crew

**SERVICE**

DEPTH OF JOB	<u>220'</u>		
PUMP TRUCK CHARGE			<u>1018.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>10</u>	@	<u>7.00</u>
MANIFOLD		@	
		@	
		@	
			TOTAL <u>1088.00</u>

CHARGE TO: Grand Mosa

REET

CITY STATE ZIP

**PLUG & FLOAT EQUIPMENT**

	@	
	@	
	@	
	@	
	@	

Allied Cementing Co., LLC.  
You are hereby requested to rent cementing equipment

# ALLIED CEMENTING CO., LLC. 035607

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

SERVICE POINT:  
Oakley, KS

11-7-10 DATE	SEC. 26	TWP. 12	RANGE 32	CALLED OUT	ON LOCATION 11:00am	JOB START 3:30pm	JOB FINISH 4:00pm
G. Anderson LEASE	WELL# 3-26			LOCATION Oakley 105-1126 well		COUNTY Logan	STATE KS
OLD OR NEW (Circle one)							

CONTRACTOR Munich #24  
 TYPE OF JOB PTA  
 HOLE SIZE 7 7/8 T.D. 4710'  
 CASING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE 4 1/2 DEPTH 2525'  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
 CEMENT LEFT IN CSG. \_\_\_\_\_  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT \_\_\_\_\_

OWNER \_\_\_\_\_  
 CEMENT  
 AMOUNT ORDERED 220 sks 60140  
40 sks 114 sks close

EQUIPMENT  
 PUMP TRUCK CEMENTER Fuchs  
 # 431 HELPER Kelly  
 BULK TRUCK  
 # 394 DRIVER C.J. (G.B.)  
 BULK TRUCK  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

COMMON	<u>130</u>	@ <u>15.45</u>	<u>2055</u>	<u>25</u>
POZMIX	<u>90</u>	@ <u>8.00</u>	<u>720</u>	<u>100</u>
GEL	<u>8</u>	@ <u>20.00</u>	<u>166</u>	<u>40</u>
CHLORIDE		@		
ASC		@		
Closeal	<u>56</u>	@ <u>2.50</u>	<u>140</u>	<u>00</u>
HANDLING	<u>235</u>	@ <u>2.40</u>	<u>564</u>	<u>00</u>
MILEAGE	<u>10</u>	@ <u>31.2</u>	<u>312</u>	<u>00</u>
			TOTAL	<u>3988.15</u>

### REMARKS:

255 sks @ 2525'  
100 sks @ 1700'  
40 sks @ 275'  
10 sk @ 40 w/ plug  
15 sk mfl  
30 sk - RM  
Job complete @ 4:00pm  
Thanks. Fred Krenn

### SERVICE

DEPTH OF JOB	<u>2525'</u>	
PUMP TRUCK CHARGE	<u>10.7</u>	<u>00</u>
EXTRA FOOTAGE	@	
MILEAGE	<u>10</u>	@ <u>70.00</u>
MANIFOLD	@	
TOTAL	<u>1087</u>	<u>00</u>

CHARGE TO: Grand mesa  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

### PLUG & FLOAT EQUIPMENT

<u>1-8 sk plug</u>	@	<u>40</u>	<u>00</u>
	@		
	@		
	@		

Post-it® Fax Note 7671 Date 11-15-10 # of pages 1

To <u>Phyllis</u>	From <u>Jack</u>
Co./Dept.	Co.
Phone #	Phone #