



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
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API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

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: _____



1046942

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
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
_____ 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
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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: _____ _____
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Form	ACO1 - Well Completion
Operator	Grand Mesa Operating Company
Well Name	G. Andersen 3-26
Doc ID	1046942

Tops

Name	Top	Datum
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
2 3/8" 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	Datum	Elev. Top	Datum	Pos.
Stone Corral	2509	-488	2508	489	-4
B. Stone Corral	2530	-467	2531	466	-3
Heebner	3979	-982	3978	-979	-5
Lansing	4019	-1022	4019	-1022	-9
Muncie Cr	4167	-1170	4167	-1170	-9
Stark SH	4249	-1252	4249	-1252	-8
Marmaton	4351	-1354	4344	-1347	-8
Little Osage	4485	-1488	4480	-1483	-10
Johnson	4582	-1589	4580	-1583	-12
Morrow	4599	-1602	4597	-1600	-10
Miss	4660	-1663	4657	-1660	-47



REFERENCE WELL:

GRAND MESA
G. ANDERSEN #1-26
26-12-32W
480' FSL & 2010' FEL
EL. 2997KB

REMARKS AND RECOMMENDATIONS

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

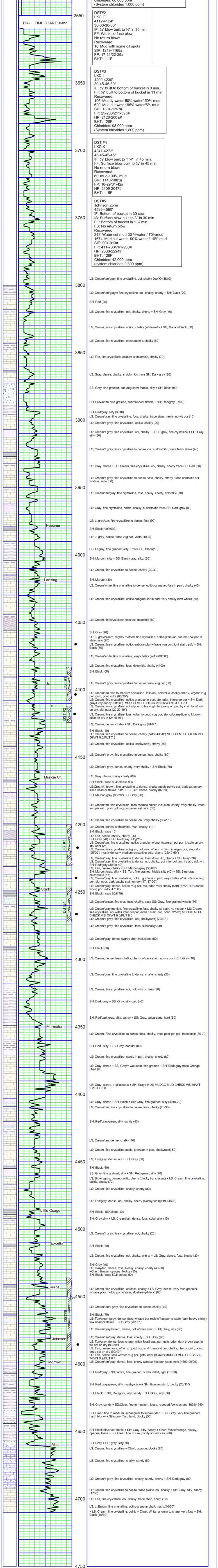
Robert J. Petersen

Robert J. Petersen

DAILY REPORT

@7:00 A.M.

10-30-10 MURU SPUD
10-31-10 430' Drilling
11-01-10 2555' Drilling
11-02-10 3641' Bit trip
11-03-10 4108' CFS
11-04-10 4124' DST #2
11-05-10 4335' Drilling
11-06-10 4385' Drilling
11-07-10 4590' DST #5
11-08-10 RTD 4710' Logging



DST #1
LKC E
4083-4108'
30-45-60-60"
IF: 1/2" Blow built to bottom of bucket in 17 min.
FF: Surface blow built to bottom of bucket in 24 min.
No return blows
Recovered:
2' Free oil-100% oil
220' Mud cut water-90% water/10% mud
248' Water-100% water
SIP: 1145-114#
FP: 20-128/135-262#
HP: 2031-1949#
BHT: 123F
Chlorides: 66,000 ppm
(System chlorides 1,000 ppm)

DST #2
LKC F
4112-4124'
30-30-30-30"
IF: 1/2" blow built to 3/4" in 30 min.
FF: Weak surface blow
No return blows
Recovered:
10' Mud with some oil spots
SIP: 1219-1168#
FP: 17-21/22-25#
BHT: 111F

DST #3
LKC I
4200-4230'
30-45-45-60"
IF: 1/2" built to bottom of bucket in 9 min.
FF: 1/2" built to bottom of bucket in 11 min.
Recovered:
196' Muddy water-50% water/ 50% mud
620' Mud cut water-95% water/5% mud
SIP: 1304-1297#
FP: 25-206/211-395#
HP: 2126-2008#
BHT: 125F
Chlorides: 98,000 ppm
(System chlorides 1,800 ppm)

DST #4
LKC K
4247-4272'
45-45-45-45"
IF: 1/2" blow built to 1 1/4" in 45 min.
FF: Surface blow built to 1/2" in 45 min.
No return blows
Recovered:
60' mud-100% mud
SIP: 1140-1083#
FP: 16-29/31-42#
HP: 2109-2047#
BHT: 115F

DST #5
Johnson Zone
4536-4590'
IF: Bottom of bucket in 30 sec.
IS: Surface blow built to 3" in 30 min.
FF: Bottom of bucket in 1 1/4 min.
FS: No return blow
Recovered:
248' Water cut mud-30 %water / 70% mud
1674' Mud cut water- 90% water / 10% mud
SIP: 904-913#
FP: 411-733/761-900#
HP: 2330-2224#
BHT: 128F
Chlorides: 42,000 ppm
(system chlorides 2,300 ppm)

LS: Cream/tan/gray, fine crystalline, ool, chalky 9sofO (3810)

LS: Cream/tan/gray fine crystalline, ool, chalky, cherty + SH; Black (20)

SH: Red (30)

LS: Cream, fine crystalline, ool, chalky, cherty + SH; Gray (40)

LS: Cream, fine crystalline, oolitic, chalky (white-soft) + SH; Maroon/black (50)

LS: Cream, fine crystalline, ool/omoidic, chalky (60)

LS: Tan, fine crystalline, oolitic/dolomitic, chalky (70)

LS: Gray, dense, chalky, sl dolomitic trace SH; Dark gray (80)

SS: Gray, fine grained, sub-angular friable, silty + SH; Black (90)

SH: Brown/tan, fine grained, subrounded, friable + SH; Red/gray (3900)

SH: Red/gray, silty (3910)

LS: Cream/gray, fine crystalline, foss, chalky, trace stain, mealy, no vis por (10)

LS: Cream/lt gray, fine crystalline, oolitic, chalky (20)

LS: Cream/lt gray, fine crystalline, ool, chalky + LS; Lt gray, fine crystalline + SH; Gray, silty (30)

LS: Cream/lt gray, fine crystalline to dense, ool, sl dolomitic, trace black shale (40)

LS: Gray, dense + LS; Cream, fine crystalline, ool, chalky, cherty trace SH; Red (50)

LS: Cream/lt gray, fine crystalline to dense, foss, chalky, cherty, trace oomoidic por w/stain, ssfo (60)

LS: Cream/tan/gray, fine crystalline, foss, chalky, cherty, dolomitic (70)

LS: Gray, fine crystalline, oolitic, chalky, sl oomoidic trace SH; Dark gray (80)

LS: Lt gray/tan, fine crystalline to dense, foss (90)

SH: Black (90/4000)

LS: Lt gray, dense, trace vug por, vsfo (4000)

SS: Lt gray, fine grained, silty + trace SH; Black(10)

SH: Maroon, silty + SS; Blush-gray, silty, (20)

LS: Cream, fine crystalline to dense, chalky (20-30)

SH: Maroon (30)

LS: Cream/white, fine crystalline to dense, oolitic-granular, foss in part, chalky (40)

LS: Cream, fine crystalline, oolitic-subgranular in part, very chalky (soft white) (50)

LS: Cream, fine crystalline, foss/ool, dolomitic (60)

SH: Gray (70)

LS: Lt gray/cream, slightly mottled, fine crystalline, oolitic-granular, por inter-ool por, lt stain, ssfo (70)

LS: Cream, fine crystalline, oolitic-subgranular w/trace vug por, light stain, ssfo + SH; Black (80)

LS: Cream/white, fine crystalline, very chalky (soft) (80/30')

LS: Cream, fine crystalline, foss, dolomitic, chalky (4100)

SH: Black (08)

LS: Cream/lt gray, fine crystalline to dense, trace vug por (08)

LS: Cream/tan, fine to medium crystalline, foss/ool, dolomitic, chalky-cherty, w/good vug por, gsf, good odor (08/30')

LS: Cream, fine crystalline, oolitic-granular in-part, sfo, odor, intergran por + SH; Dark gray/Gray-sandy (08/60') MUDCO MUD CHECK VIS 56WT 9.0/FILT 7.4

LS: Cream, fine crystalline, ool w/poor to fair vug/inter-gran por, patchy stain to full sat on dry, sfo, odor (20 20-40')

LS: Cream, fine crystalline, foss, w/fair to good vug por, sfo, odor, medium to lt brown stain on dry (4124 to 40')

LS: Cream, dense, chalky + SH; Dark gray (24/60')

SH: Black (40)

LS: Cream, fine crystalline to dense, chalky (soft) (43/20') MUDCO MUD CHECK VIS 56WT 9.0/FILT 7.8

LS: Cream, fine crystalline, oolitic, chaky(soft), cherty (50)

LS: Cream/lt gray, fine crystalline to dense, foss, chalky (60)

LS: Cream/lt gray, dense, cherty, very chalky + SH; Black (70)

SH: Gray, dense, chalky, cherty (80)

LS: Cream/lt trace 80/increase 90)

LS: Cream/lt brown, fine crystalline to dense, chalky-mealy no vis por, dark sat on dry, trace dead oil flakes, nsfo + LS; Tan, dense, blocky (82/20')

SH: Maroon/gray (80-20') SH; Gray (90)

LS: Cream/tan, fine crystalline, foss, w/trace calcite inclusion, cherty, very chalky, trace sample with poor ppt vug por, even sat, ssfo (00)

LS: Cream, fine crystalline to dense, ool, very chalky (00/20')

LS: Cream, dense, sl dolomitic, foss, chalky, (10)

SH: Black (trace 10)

LS: Tan, dense, chalky, cherty (20)

SH: Gray (20) + SH; Red/gray, silty(25)

LS: Cream/tan, fine crystalline, oolitic-granular w/poor intergran ppt por, lt stain on dry, sfo, odor (25)

LS: Cream, fine crystalline, ool-gran, dolomitic w/poor to fair intergran por, sfo, odor (25/20') mostly dense + medium crystalline dolo, cherty (25/40-60')

LS: Cream/gray, fine crystalline to dense, foss, dolomitic, cherty + SH; Gray (30)

LS: Cream/gray, fine crystalline to dense, ool, chalky, ppt inter-ool por, lt stain, ssfo + tr SH; Red/gray (30/20-40')

LS: Tan, dense, chalky + SH; Maroon/gray (30/60')

SH: Maroon/gray, silty + SS; Tan, fine grained, friable, silty (40) + SS; Blue-gray, calcareous (47)

LS: Cream/gray, fine crystalline, oolitic, granular in part, very chalky w/fair inter-ool/vug por, sfo, odor, dark patchy stain on dry (47, 47-20')

LS: Cream/gray, dense, oolitic, vug por, sfo, odor, very chalky (soft) (47/20-40') dense w/vug por, ssfo (47/60')

SH: Black (trace 60/lt 70)

LS: Cream/brown, fine crys, foss, chalky, trace SS; Gray, fine grained w/ssfo (70)

LS: Cream/gray, mottled, fine crystalline, foss, chalky w stain, no vis por + LS; Cream, fine crystalline, ool w/fair inter-ool por, even lt stain, sfo, odor (72/20') MUDCO MUD CHECK VIS 55WT 9.0/FILT 8.0

LS: Cream/lt gray, fine crystalline, ool, chalky(soft) (72/40')

LS: Cream/lt gray, fine crystalline, foss, subchalky (90)

LS: Cream/gray, dense w/gray chert inclusions (00)

SH: Black (00)

LS: Cream, dense, foss, chalky, cherty w/trace stain, no vis por + SH; Gray (10)

LS: Cream/gray, fine crystalline to dense, chalky, cherty (20)

LS: Cream, fine crystalline, ool, dolomitic, chalky (30)

SH: Dark gray + SS; Gray, silty-calc (40)

SH: Red/dark gray, silty, sandy + SS; Gray, calcareous, hard (50)

LS: Cream, Fine crystalline to dense, foss, chalky, trace poor ppt por, trace stain (60-70)

SH: Red, silty + LS; Gray, nodular (80)

LS: Cream, fine crystalline, sandy in part, chalky, cherty (80)

LS: Gray, dense + SS; Gray well-cem, fine grained + SH; Dark gray trace Orange chert (90)

LS: Gray, dense, argillaceous + SH; Gray (4400) MUDCO MUD CHECK VIS 55WT 9.2/FILT 8.0

LS: Gray, dense + SH; Black + SS; Gray, fine grained, silty (40/10-20)

LS: Cream/tan, fine crystalline to dense, foss, chalky (20-30)

SH: Red/gray/green, silty, sandy (40)

LS: Cream/tan, dense, chalky (40)

LS: Cream, fine crystalline oolitic, granular in part, chalky(soft) 50)

LS: Tan/gray, dense, ool + SH; Gray (60)

SH: Black (60)

SS: Gray, fine grained, silty + SH; Red/green, silty (70)

LS: Brown/gray, dense, oolitic, cherty (blocky translucent) + LS; Cream, fine crystalline, oolitic, chalky (70)

LS: Cream, fine crystalline, chalky, cherty (80)

LS: Tan/gray, dense, ool, chalky, cherty (blocky-foss)(4490-4500)

SH: Black (4500/flood 10)

SH: Gray, silty + LS; Cream/tan, dense, foss, subchalky (10)

LS: Cream/lt gray, fine crystalline, ool, chalky (20)

SH: Black (30)

LS: Cream/lt, fine crystalline, ool, chalky, cherty + LS; Gray, dense, foss, blocky (30)

SH: Gray (40)

LS: Gray/tan, dense, foss, blocky, chalky, cherty (40-50)

+Chert; Brown, opaque, blocky (50)

SH: Black (trace 50/increase 60)

LS: Cream, fine crystalline, ool/foss, chalky + LS; Gray, dense, very foss-granular w/trace poor moldic por w/stain, sfo (heavy-black) (60)

LS: Cream/tan/lt gray, fine crystalline to dense, chalky (70)

SH: Black (70)

LS: Tan/cream/gray, dense, foss, w/trace por moldic/frac por, sl stain (dark heavy sticky) few dead oil flakes + SH; Gray (70/30')

LS: Cream/gray/brown, dense, ool w/trace stain + SH; Gray, silty (80)

LS: Cream/tan/gray, dense, foss, cherty + SH; Gray (90)

LS: Tan/gray, dense, foss, cherty, w/fair fossil-cast por, gsf, odor, dark brown spot to full sat on dry (90/20')

LS: Tan, dense, foss, w/fair to good, vug and foss-cast por, chalky, cherty, gsf, odor, deep sat on dry (90/40')

LS: Tan, dense, foss w/trace vug por, gsf, odor (90/60') MUDCO MUD CHECK VIS 74WT 9.2/FILT 8.4

LS: Cream/tan/gray, dense, foss, cherty w/trace frac por, stain, nsfo (4600-00/05)

SH: Red/gray + SS; White, fine grained, subrounded, light (10-20)

SH: Red/gray/green, silty, mushy/sticky + SH; Gray/mustard, blocky (20/30')

SH: Black + SH; Red/gray, silty, sandy + SS; Gray, silty (30)

SH: Gray, sandy + SD; Clear, fine to medium, loose, rounded-few clusters (4635/4640)

SD; Clear, fine to medium, subangular to subrounded + SS; Gray, very fine grained, hard, blocky + Silstone; Tan, hard, blocky (50)

SH: Black/olive/tan, brittle + SH; Gray, silty, sandy + Chert; White/orange, blocky, opaque, foss + SS; Clear, fine to csa, poorly sorted, calc (60)

SH: Gray + SS; Gray, silty(70)

LS: Cream, fine crystalline + Chert, opaque, blocky (70)

LS: Cream, fine crystalline, chalky, sandy (80)

LS: Cream/lt gray, fine crystalline, chalky, sandy, cherty + SH; Dark gray (90)

LS: Cream, fine crystalline to dense, trace pyritic, ool, chalky + SH; Gray, silty, sandy (4700)

LS: Tan, fine crystalline, ool, chalky, trace chert, sharp (10)

+ LS: Brown, fine crystalline, oolitic-granular chalk matrix(10/30')

+ LS: Cream, fine crystalline, oolitic + Chert; White, angular to sharp, very foss + SH; Black (10/60')



**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

ATTN: Bob Peterson

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 @ Run Depth: 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

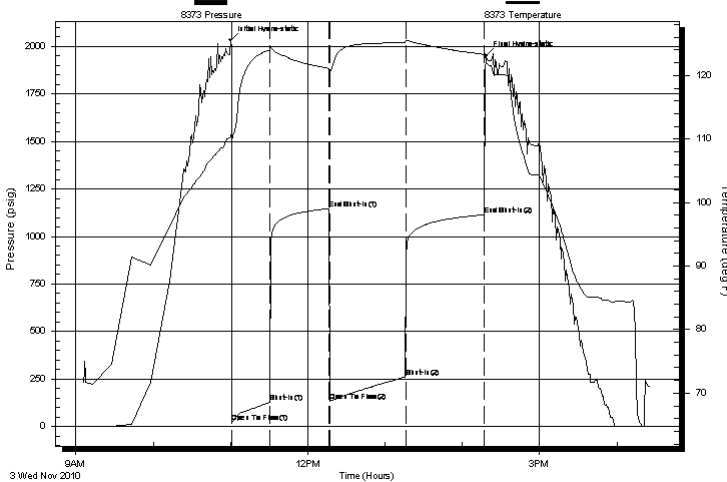
TEST COMMENT: IF: 1/4 blow BOB in 17 min.

IS: No return.

FF: Surface blow BOB in 24 min.

FS: No return.

Pressure vs. Time



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

G Anderson 3-26

1700 N. Waterfront Pkwy Bldg 600
Wichita, Ks 67206

26-12-32 Logan, Ks

Job Ticket: 040267

DST#: 1

ATTN: Bob Peterson

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:

bbbl

Water Loss: 7.40 in³

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

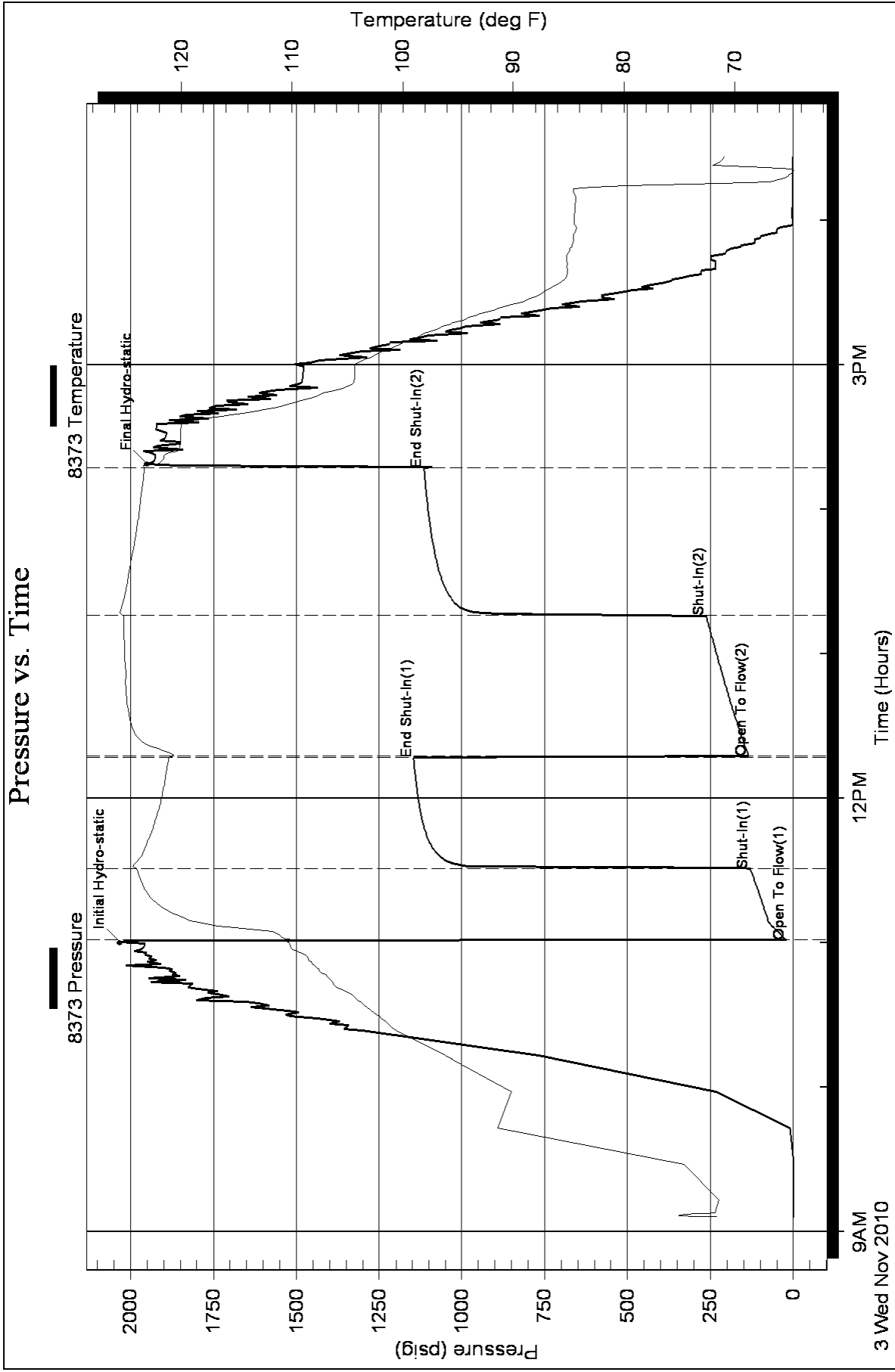
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .11@71=66000





TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Grand Mesa Operating Company

G Anderson 3-26

1700 N. Waterfront Pkwy Bldg 600
Wichita, Ks 67206

26-12-32 Logan, Ks

ATTN: Bob Peterson

Job Ticket: 040268

DST#: 2

Test Start: 2010.11.03 @ 23:57:35

GENERAL INFORMATION:

Formation: **LKC F**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:40:30

Time Test Ended: 06:18:44

Test Type: Conventional Bottom Hole

Tester: Brandon Turley

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 @ Run Depth: 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:

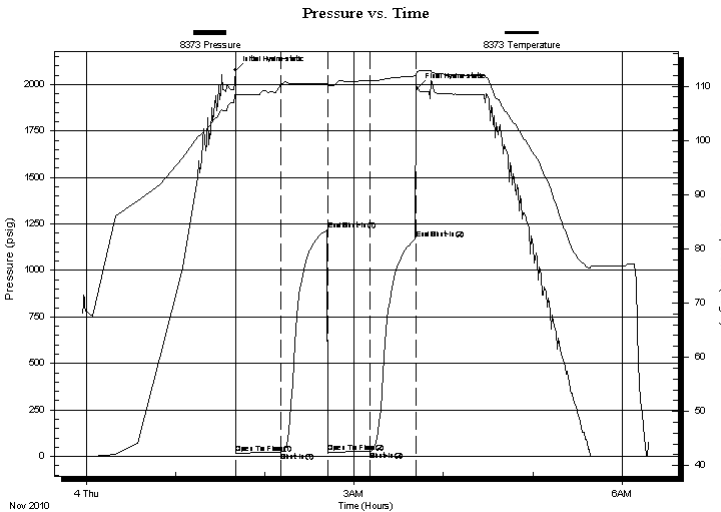
2010.11.04 @ 01:40:15

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:

bbbl

Water Loss: 7.39 in³

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% _m	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

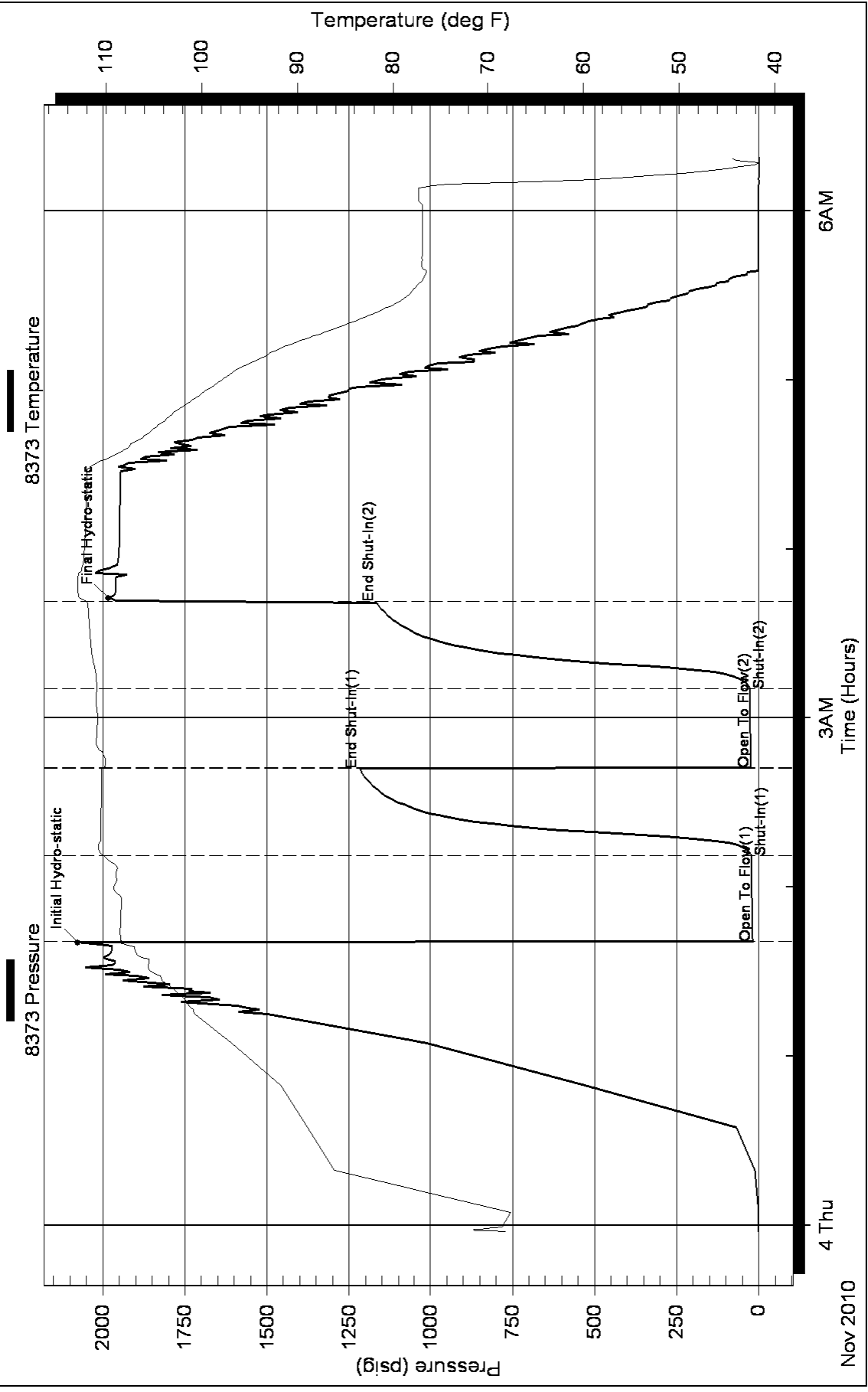
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

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

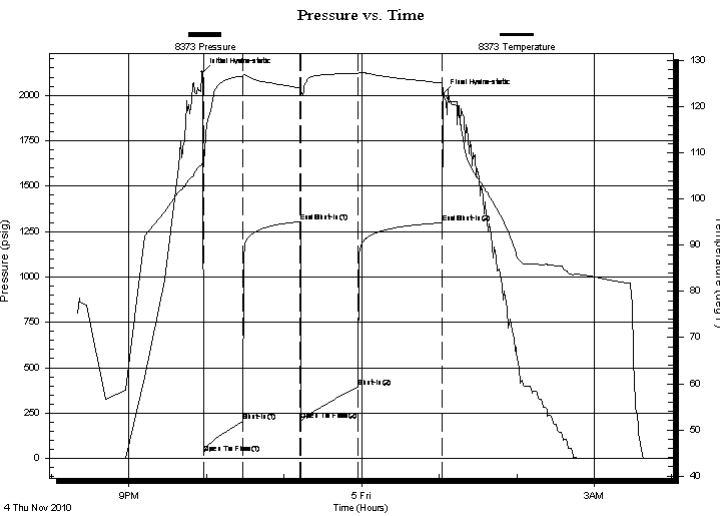
G Anderson 3-26
26-12-32 Logan, Ks
 Job Ticket: 040269 **DST#: 3**
 Test Start: 2010.11.04 @ 20:20:14

GENERAL INFORMATION:

Formation: **Lansing I**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 21:57:39
 Time Test Ended: 03:39:23
 Interval: **4200.00 ft (KB) To 4230.00 ft (KB) (TVD)**
 Total Depth: 4230.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Brandon Turley
 Unit No: 35
 Reference Elevations: 2997.00 ft (KB)
 2992.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8373 Inside
 Press @ Run Depth: 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)



**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: 040269

DST#: 3

ATTN: Bob Peterson

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:

bbbl

Water Loss: 7.80 in³

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

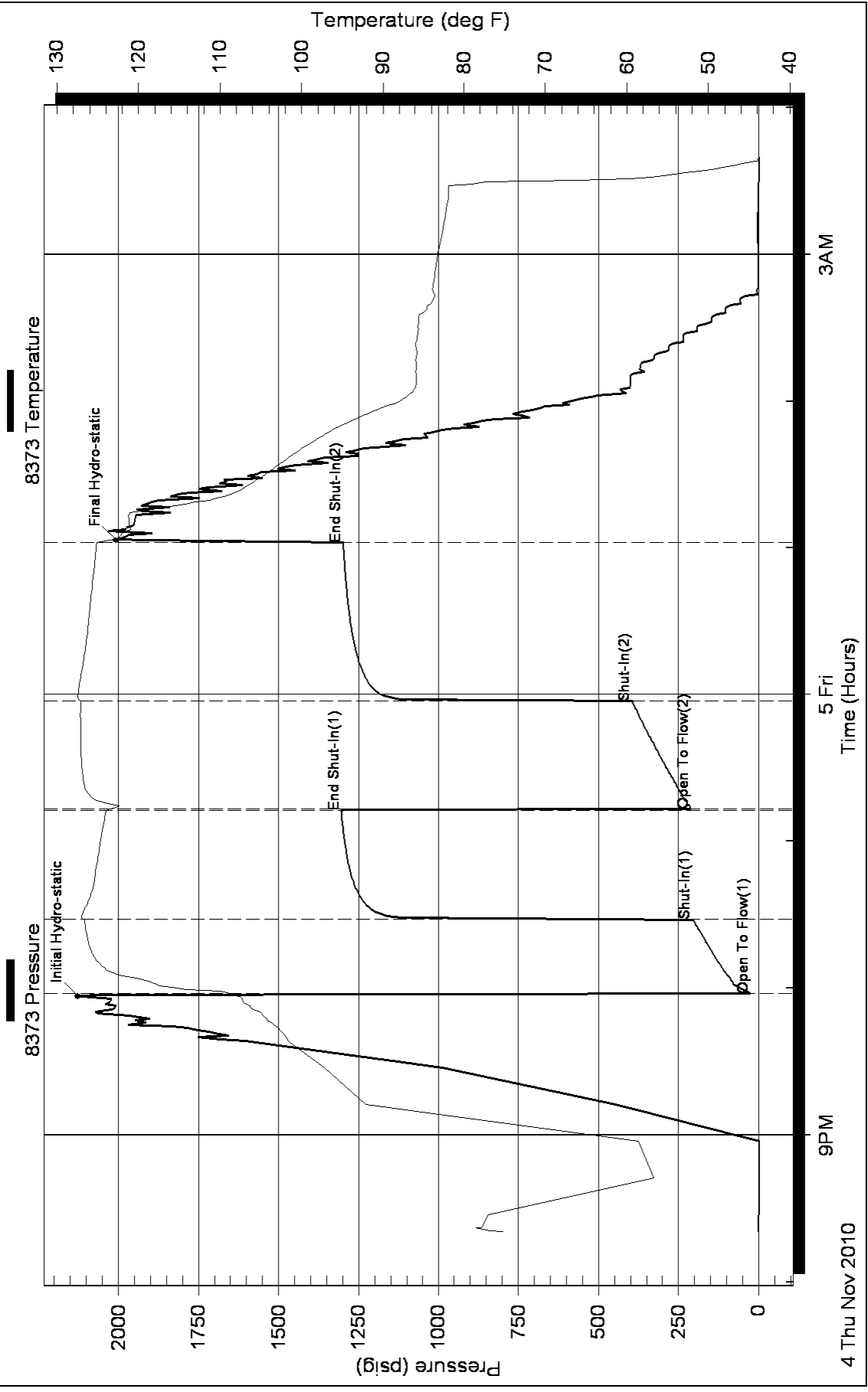
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .18@30=98000

Pressure vs. Time





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Grand Mesa Operating Company

G Anderson 3-26

1700 N. Waterfront Pkw y Bldg 600
Wichita, Ks 67206

26-12-32 Logan, Ks

ATTN: Bob Peterson

Job Ticket: 040270

DST#: 4

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 @ Run Depth: 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:

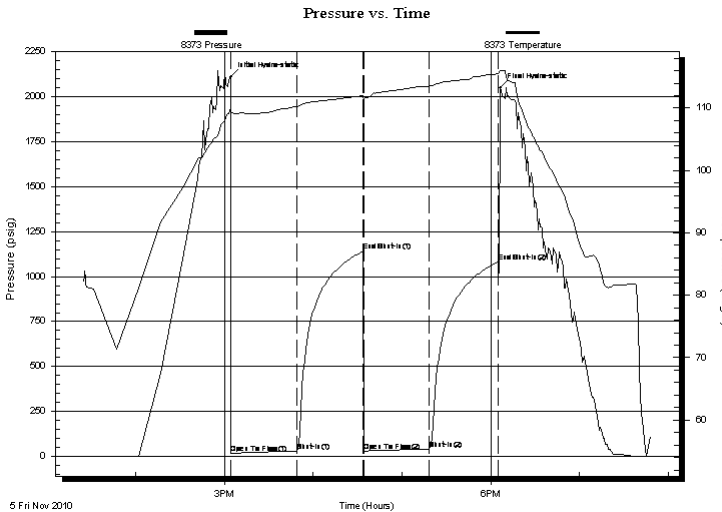
2010.11.05 @ 15:04:13

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 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

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

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

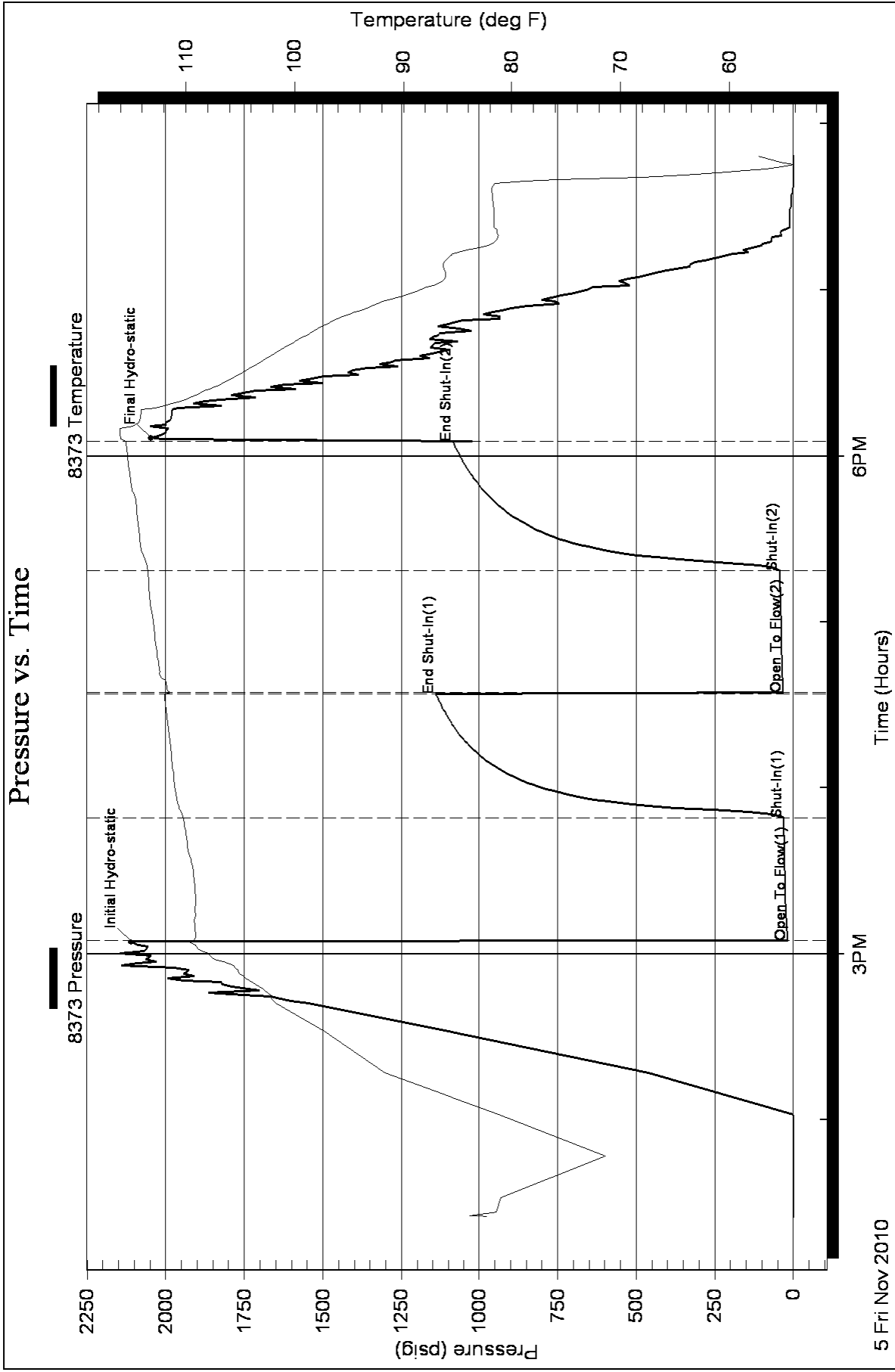
Num Gas Bombs: 0

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

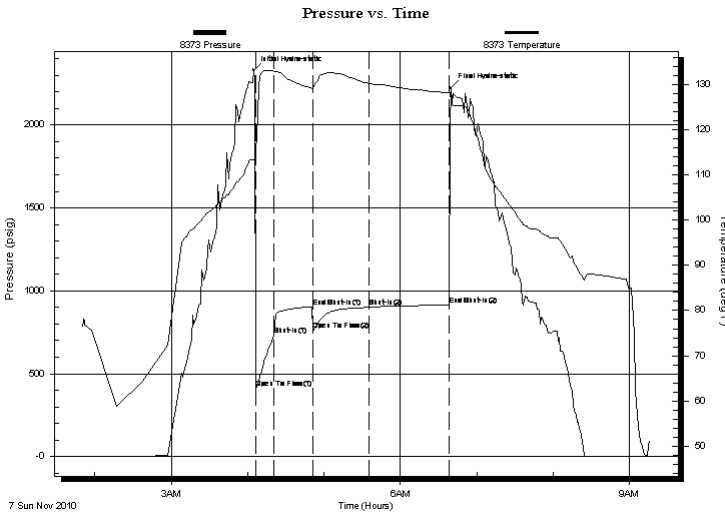
GENERAL INFORMATION:

Formation: **Johnson**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole
 Time Tool Opened: 04:06:16 Tester: Brandon Turley
 Time Test Ended: 09:15:45 Unit No: 35
 Interval: **4536.00 ft (KB) To 4590.00 ft (KB) (TVD)** Reference Elevations: 2997.00 ft (KB)
 Total Depth: 4590.00 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 @ Run Depth: 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)



**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: 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 in³

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 bbbl
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

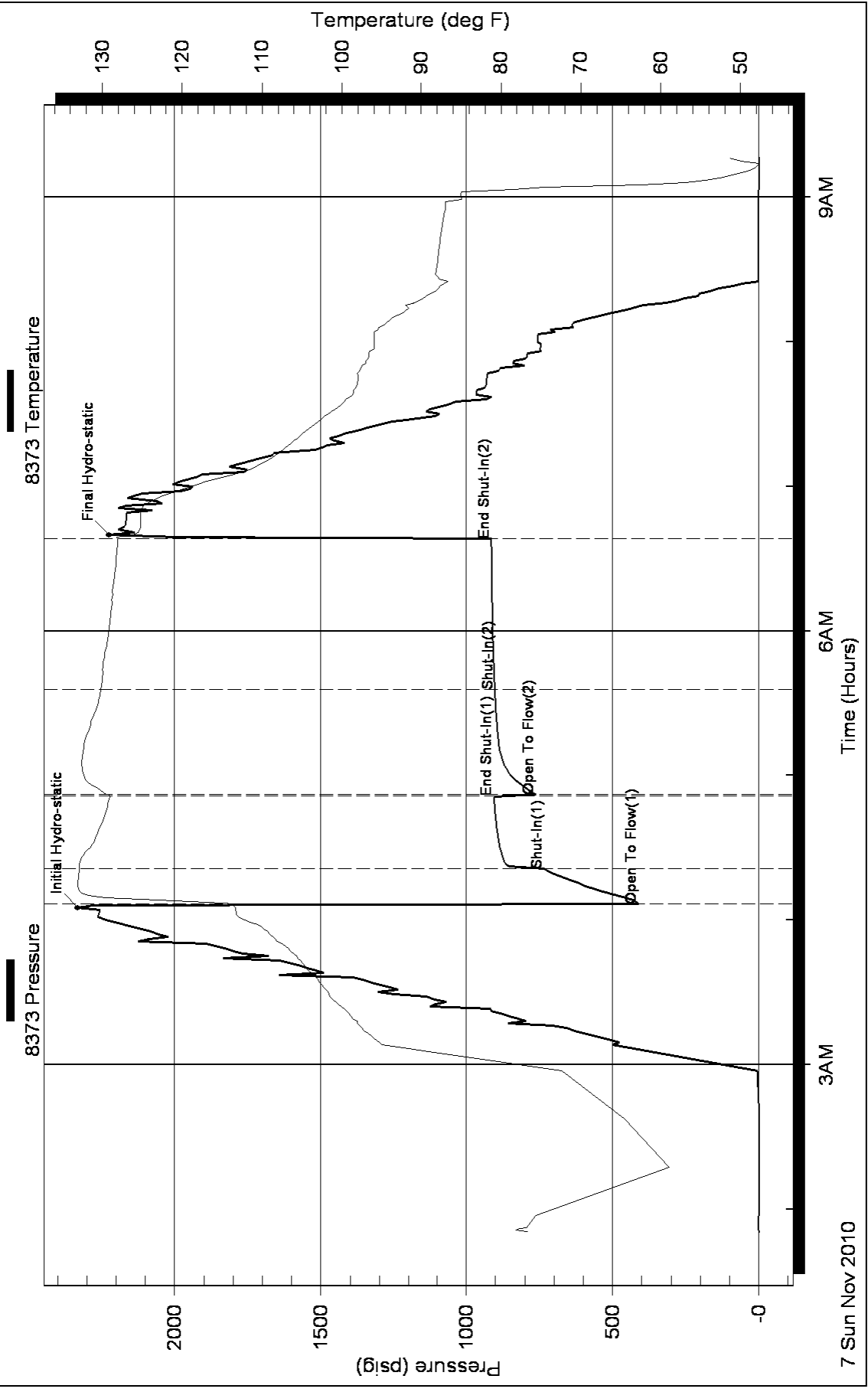
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .29@43=42000

Pressure vs. Time





*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

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Oakley, KS

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

CONTRACTOR Murfitt #24

TYPE OF JOB Su-Saco

HOLE SIZE 12"4 T.D. 220'

CASING SIZE 8 5/8 23" DEPTH 220'

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

COOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15'

PERFS. _____

DISPLACEMENT 13.0 BBLs

OWNER _____

CEMENT AMOUNT ORDERED 165 com 3070cc

270 gal

COMMON	<u>165</u>	@ <u>15.45</u>	<u>2549.25</u>
POZMIX		@	
GEL	<u>3</u>	@ <u>20.80</u>	<u>62.40</u>
CHLORIDE	<u>6</u>	@ <u>58.20</u>	<u>349.20</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 Fuzzo

431 HELPER Kelly

BULK TRUCK

482 DRIVER CJ (contract)

BULK TRUCK

_____ DRIVER _____

REMARKS:

Cement did circulate

Job completed @ 7:30

Thanks Fuzzo crew

SERVICE

DEPTH OF JOB 220'

PUMP TRUCK CHARGE 1018.00

EXTRA FOOTAGE @ _____

MILEAGE 10 @ 7.00 70.00

MANIFOLD @ _____

@ _____

@ _____

TOTAL 1088.00

PLUG & FLOAT EQUIPMENT

@ _____

@ _____

@ _____

@ _____

@ _____

TOTAL _____

CHARGE TO: Grand Mosa

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

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS

ALLIED CEMENTING CO., LLC. 035607

Federal Tax I.D.# 20-5975804

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 <u>NEW</u> (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 H 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 140 close
 COMMON 130 @ 15.45 2085.75
 POZMIX 90 @ 8.00 720.00
 GEL 8 @ 20.80 166.40
 CHLORIDE @ _____
 ASC @ _____
 Flo Seal 56 @ 2.50 140.00
 @ _____
 @ _____
 @ _____
 @ _____
 @ _____
 @ _____
 @ _____
 HANDLING 235 @ 2.40 564.00
 MILEAGE 10.45 mile (minimum) 3.12
 TOTAL 3988.15

EQUIPMENT

PUMP TRUCK CEMENTER Fuzz
 # 431 HELPER Kelly
 BULK TRUCK
 # 394 DRIVER C.J (G.B.)
 BULK TRUCK
 # _____ DRIVER _____

REMARKS:

25 sks @ 2525'
100 sks @ 1700'
40 sks @ 275'
10 sk @ 40 w/ plug
15 sk MH
30 sk RH
Job complete @ 4:00pm
Thanks. Rusty

SERVICE

DEPTH OF JOB 2525'
 PUMP TRUCK CHARGE 107.00
 EXTRA FOOTAGE @ _____
 MILEAGE 10 @ 7.00 70.00
 MANIFOLD @ _____
 @ _____
 @ _____
 TOTAL 1087.00

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

PLUG & FLOAT EQUIPMENT

1-8 5/8 plug @ 40.00
 @ _____
 @ _____
 @ _____
 @ _____
 TOTAL 40.00

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

Post-it® Fax Note	7671	Date	11-15-10	# of pages	1
To	<u>Phyllis</u>	From	<u>Quincy</u>		
Co./Dept.		Co.			
Phone #		Phone #			
Fax #	<u>316-265-3455</u>	Fax #			

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