Confidentiality Requested:
☐ Yes ☑ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1233146

Form ACO-1
August 2013
Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 4058
Name: American Warrior, Inc.
Address 1: 3118 CUMMINGS RD
Address 2: PO BOX 399
City: GARDEN CITY State: KS Zip: 67846 + ____
Contact Person: Joe Smith
Phone: (620) 275-2963
CONTRACTOR: License # 5929
Name: Duke Drilling Co., Inc.
Wellsite Geologist: Kevin Timson
Purchaser: ____

Designate Type of Completion:

☑ New Well ☐ Re-Entry ☐ Workover

☐ Oil ☐ WSW ☐ SWD ☐ SIOW
☐ Gas ☑ D&A ☐ ENHR ☐ SIGW
☐ OG ☐ GSW ☐ Temp. Abd.
☐ CM *(Coal Bed Methane)*
☐ Cathodic ☐ Other *(Core, Expl., etc.)*: ____

If Workover/Re-entry: Old Well Info as follows:

Operator: ____
Well Name: ____
Original Comp. Date: ____ Original Total Depth: ____

☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer

☐ Commingled Permit #: ____
☐ Dual Completion Permit #: ____
☐ SWD Permit #: ____
☐ ENHR Permit #: ____
☐ GSW Permit #: ____

11/3/2014	11/13/2014	11/13/2014
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-055-22353-00-00
Spot Description: ____
NW SE SE SW Sec. 36 Twp. 24 S. R. 31 ☐ East ☑ West
449 Feet from ☐ North / ☑ South Line of Section
2305 Feet from ☐ East / ☑ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☐ SE ☑ SW
GPS Location: Lat: ____ *(e.g. xx.xxxxx)* , Long: ____ *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Finney
Lease Name: Clark Trust Well #: 1-36
Field Name: ____
Producing Formation: None
Elevation: Ground: 2854 Kelly Bushing: 2865
Total Vertical Depth: 5100 Plug Back Total Depth: 0
Amount of Surface Pipe Set and Cemented at: 1641 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: 95 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

☐ **Confidentiality Requested**
Date: ____
☐ **Confidential Release Date:** ____
☑ **Wireline Log Received**
☑ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** NAOMI JAMES **Date:** 11/25/2014

1233146

Operator Name: American Warrior, Inc. Lease Name: Clark Trust Well #: 1-36

Sec. 36 Twp. 24 S. R. 31 ☐ East ☑ West County: Finney

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

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

Drill Stem Tests Taken ☑ Yes ☐ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

List All E. Logs Run:

Induction
Porosity
Micro

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name: Attached Top: Attached Datum: Attached

CASING RECORD ☑ New ☐ 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	12.250	8.625	24	1641	Class a	825	3%CC, 2% gel

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	-			
	-			

Did you perform a hydraulic fracturing treatment on this well? ☐ Yes ☑ No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☐ No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? ☐ Yes ☐ No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record *(Amount and Kind of Material Used)*	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: ☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION: ☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)* ☐ Other *(Specify)* _____

PRODUCTION INTERVAL:

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Clark Trust 1-36
Doc ID	1233146

Tops

Name	Top	Datum
Anhy	1922'	+943
B/ANHY	1998'	+867
Heebner	4046'	-1181
Lansing	4089'	-1224
B/KC	4580'	-1715
Marmaton	4603'	-1738
Ft.Scott	4704'	-1839
Morrow	4880'	-2015
Mississippian	4911'	-2046

Geological Report

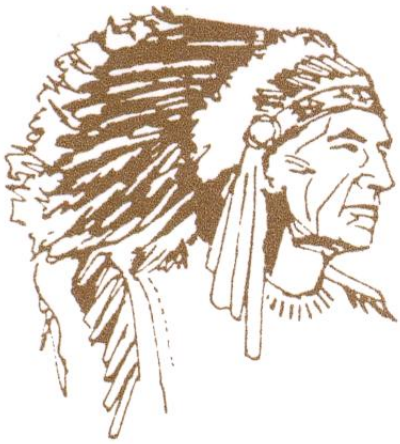
American Warrior, Inc.

Clark Trust #1-36

449’ FSL & 2305’ FWL

Sec. 36, T24s, R31w

Finney County, Kansas



American Warrior, Inc.

General Data

Well Data:	American Warrior, Inc. Clark Trust #1-36 449’ FSL & 2305’ FWL Sec. 36, T24s, R31w Finney County, Kansas API # 15-055-22353-00-00
Drilling Contractor:	Duke Drilling Co. Rig #10
Geologist:	Kevin Timson
Spud Date:	November 3, 2014
Completion Date:	November 13, 2014
Elevation	2854’ G.L. 2865’ K.B.
Directions:	From Garden City Airport. Go SE on Hwy 50 1 mile to Aerodrome Rd. Go 2 miles East on Aerodrome and North into.
Casing:	1641’ 8 5/8” #24 Surface Casing
Samples:	4600’ to RTD 10’ Wet & Dry
Drilling Time:	3950’ to RTD
Electric Logs:	Pioneer Energy Services “D Fischer” Stacked-Micro
Drillstem Tests:	Two-Trilobite Testing “Shane McBride”
Problems:	Cold weather froze water/air lines.

Formation Tops

Clark Trust #1-36

Sec. 36, T24s, R31w

449’ FSL & 2305’ FWL

Anhydrite	**1922' +943**
Base	**1998' +867**
Heebner	**4046' -1181**
Lansing	**4089' -1224**
Stark	**4442' -1577**
Bkc	**4580' -1715**
Marmaton	**4603' -1738**
Pawnee	**4676' -1811**
Fort Scott	**4704' -1839**
Cherokee	**4717' -1852**
Morrow	**4880' -2015**
Miss	**4911' -2046**
RTD	**5100' -2235**
LTD	**5102' -2237**

Sample Zone Descriptions

Morrow (4880’, -2015): Covered in DST #1 & #2

Sandstone. Grey/Glauconitic. Fine to medium grain. Well rounded, well sorted. Fair to good stain. Poor to fair saturation. Show of free oil when broken. Fair to good odor. 80 units hotwire.

Drill Stem Tests

Trilobite Testing

"Shane McBride"

DST #1 **Morrow**

Interval (4848' – 4899') Anchor 51'

IHP	- 2488 #	
IFP	- 30" – 1/4" blow died in 28 min	22-25 #
ISI	- 30" – No return	107 #
FFP	- 10" – No blow	38-67 #
FSIP	- Pull Tool	NA
FHP	- 2472 #	
BHT	- 118° F	

Recovery: 2' Heavy Mud

DST #2 **Morrow**

Interval (4849' – 4913') Anchor 64'

IHP	- 2503 #	
IFP	- 30" – 1/4" blow died in 24 min	22-27 #
ISI	- 30" – No Return	1053 #
FFP	- 10" – No Blow	35-34 #
FSIP	- Pull Tool	NA
FHP	- 2438 #	
BHT	- 115° F	

Recovery: 5' Heavy Mud

Structural Comparison

Formation	**American Warrior, Inc. Clark Trust #1-36 Sec. 36, T24s, R31w 449' FSL & 2305' FWL**		American Warrior, Inc. Clark #1-2 Sec. 2, T25s, R31w 2415' FSL & 1145' FEL		American Warrior, Inc. Clark #2-2 Sec 2, T25s, R31w 1705' FNL & 657' FEL
Heebner	**4046' -1181**	**-23**	4002' -1158	**-19**	4021' -1162
Lansing	**4089' -1224**	**-20**	4048' -1204	**-20**	4063' -1204
Stark	**4442' -1577**	**-10**	4411' -1567	**-15**	4421' -1562
BKC	**4580' -1715**	**-19**	4540' -1696	**-26**	4548' -1689
Marmaton	**4603' -1738**	**-18**	4564' -1720	**-27**	4570' -1711
Pawnee	**4676' -1811**	**-20**	4635' -1791	**-26**	4644' -1785
Fort Scott	**4704' -1839**	**-25**	4658' -1814	**-33**	4665' -1806
Cherokee	**4717' -1852**	**-22**	4674' -1830	**-31**	4680' -1821
Morrow	**4880' -2015**	**-30**	4829' -1985	**-39**	4835' -1976
St. Louis	**4911' -2046**	**-32**	4858' -2014	**-39**	4866' -2007

Summary

The location for the Clark Trust #1-36 well was found via 3-D seismic survey. The new well ran structurally as expected. Two drill stem tests were conducted, none of which recovered commercial quantities of oil. After all the gathered data had been examined, the decision was made to plug and abandon the Clark Trust #1-36 well.

Respectfully Submitted,

Kevin Timson
American Warrior, Inc.

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **American Warrior**

PO Box 399
Garden City, KS 67846

ATTN: Kevin Timson

Clark Trust #1-36

36-24s-31w Finney,KS

Start Date: 2014.11.10 @ 04:05:46
End Date: 2014.11.10 @ 10:25:01
Job Ticket #: 59704 DST #: 1

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.11.14 @ 11:50:05

DRILL STEM TEST REPORT

American Warrior

PO Box 399
Garden City, KS 67846

ATTN: Kevin Timson

36-24s-31w Finney,KS

Clark Trust #1-36

Job Ticket: 59704 **DST#: 1**

Test Start: 2014.11.10 @ 04:05:46

GENERAL INFORMATION:

Formation: **Morrow**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 07:01:16
Time Test Ended: 10:25:01

Test Type: Conventional Bottom Hole (Initial)
Tester: Shane McBride
Unit No: 55

Interval: 4848.00 ft (KB) To 4899.00 ft (KB) (TVD)
Total Depth: 4899.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

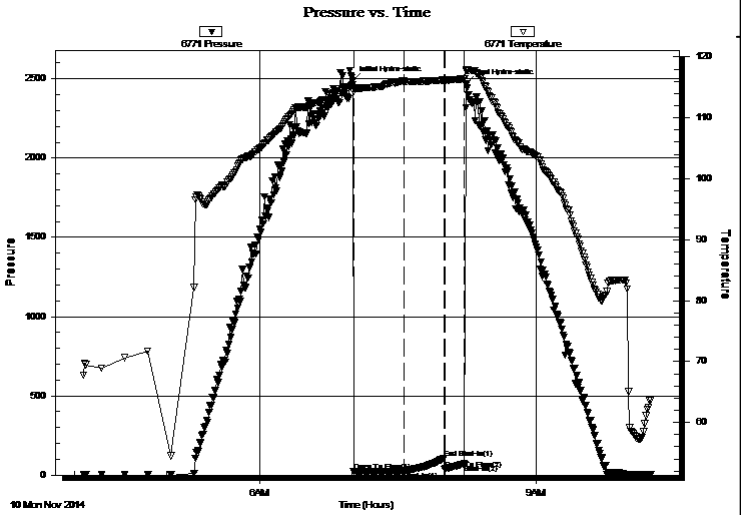
Reference Elevations: 2865.00 ft (KB)
2855.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 6771 **Inside**

Press@RunDepth: 25.93 psig @ 4849.00 ft (KB)
Start Date: 2014.11.10 End Date: 2014.11.10
Start Time: 04:05:46 End Time: 10:15:01

Capacity: 8000.00 psig
Last Calib.: 2014.11.10
Time On Btm: 2014.11.10 @ 07:01:01
Time Off Btm: 2014.11.10 @ 08:14:46

TEST COMMENT: 1/4" @ open died in 28 min.
No return
No blow , pull tool after 10 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2488.85	115.50	Initial Hydro-static
1	22.00	114.34	Open To Flow (1)
33	25.93	116.01	Shut-In(1)
60	107.53	116.21	End Shut-In(1)
60	38.46	116.19	Open To Flow (2)
73	67.58	116.41	Shut-In(2)
74	2472.52	117.95	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	Heavy thick mud 100%m	0.03

Gas Rates

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

DRILL STEM TEST REPORT

American Warrior

PO Box 399
Garden City, KS 67846

ATTN: Kevin Timson

36-24s-31w Finney,KS

Clark Trust #1-36

Job Ticket: 59704 **DST#: 1**

Test Start: 2014.11.10 @ 04:05:46

GENERAL INFORMATION:

Formation: **Morrow**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 07:01:16
Time Test Ended: 10:25:01

Test Type: Conventional Bottom Hole (Initial)
Tester: Shane McBride
Unit No: 55

Interval: 4848.00 ft (KB) To 4899.00 ft (KB) (TVD)
Total Depth: 4899.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

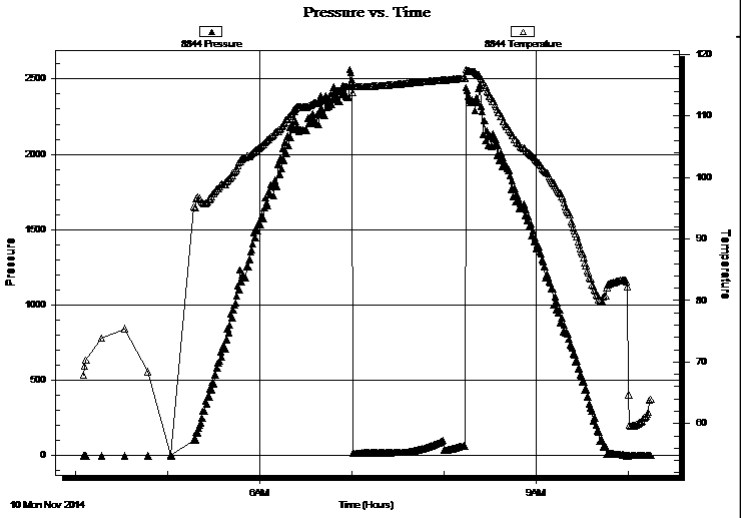
Reference Elevations: 2865.00 ft (KB)
2855.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8844 **Outside**

Press@RunDepth: psig @ 4849.00 ft (KB)
Start Date: 2014.11.10 End Date: 2014.11.10
Start Time: 04:05:37 End Time: 10:14:37

Capacity: 8000.00 psig
Last Calib.: 2014.11.10
Time On Btm:
Time Off Btm:

TEST COMMENT: 1/4" @ open died in 28 min.
No return
No blow , pull tool after 10 min.



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
2.00	Heavy thick mud 100%m	0.03

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior

PO Box 399
Garden City, KS 67846

ATTN: Kevin Timson

36-24s-31w Finney,KS

Clark Trust #1-36

Job Ticket: 59704 **DST#: 1**

Test Start: 2014.11.10 @ 04:05:46

Tool Information

Drill Pipe:	Length:	4831.00 ft	Diameter:	3.80	inches	Volume:	67.77	bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00	inches	Volume:	0.00	bbl	
Drill Collar:	Length:	0.00 ft	Diameter:	0.00	inches	Volume:	0.00	bbl	
						Total Volume:	67.77	bbl	

Drill Pipe Above KB:	11.00 ft
Depth to Top Packer:	4848.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	51.00 ft
Tool Length:	79.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:		2500.00 lb
Weight set on Packer:		25000.00 lb
Weight to Pull Loose:		86000.00 lb
Tool Chased		0.00 ft
String Weight:	Initial	67000.00 lb
	Final	67000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4821.00		
Shut In Tool	5.00			4826.00		
Hydraulic tool	5.00			4831.00		
Jars	5.00			4836.00		
Safety Joint	3.00			4839.00		
Packer	5.00			4844.00	28.00	Bottom Of Top Packer
Packer	4.00			4848.00		
Stubb	1.00			4849.00		
Recorder	0.00	6771	Inside	4849.00		
Recorder	0.00	8844	Outside	4849.00		
Perforations	11.00			4860.00		
Change Over Sub	1.00			4861.00		
Drill Pipe	32.00			4893.00		
Change Over Sub	1.00			4894.00		
Bullnose	5.00			4899.00	51.00	Bottom Packers & Anchor
Total Tool Length:	**79.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior

PO Box 399
Garden City, KS 67846

ATTN: Kevin Timson

36-24s-31w Finney,KS

Clark Trust #1-36

Job Ticket: 59704 **DST#: 1**

Test Start: 2014.11.10 @ 04:05:46

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:	51.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	10.36 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	1600.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

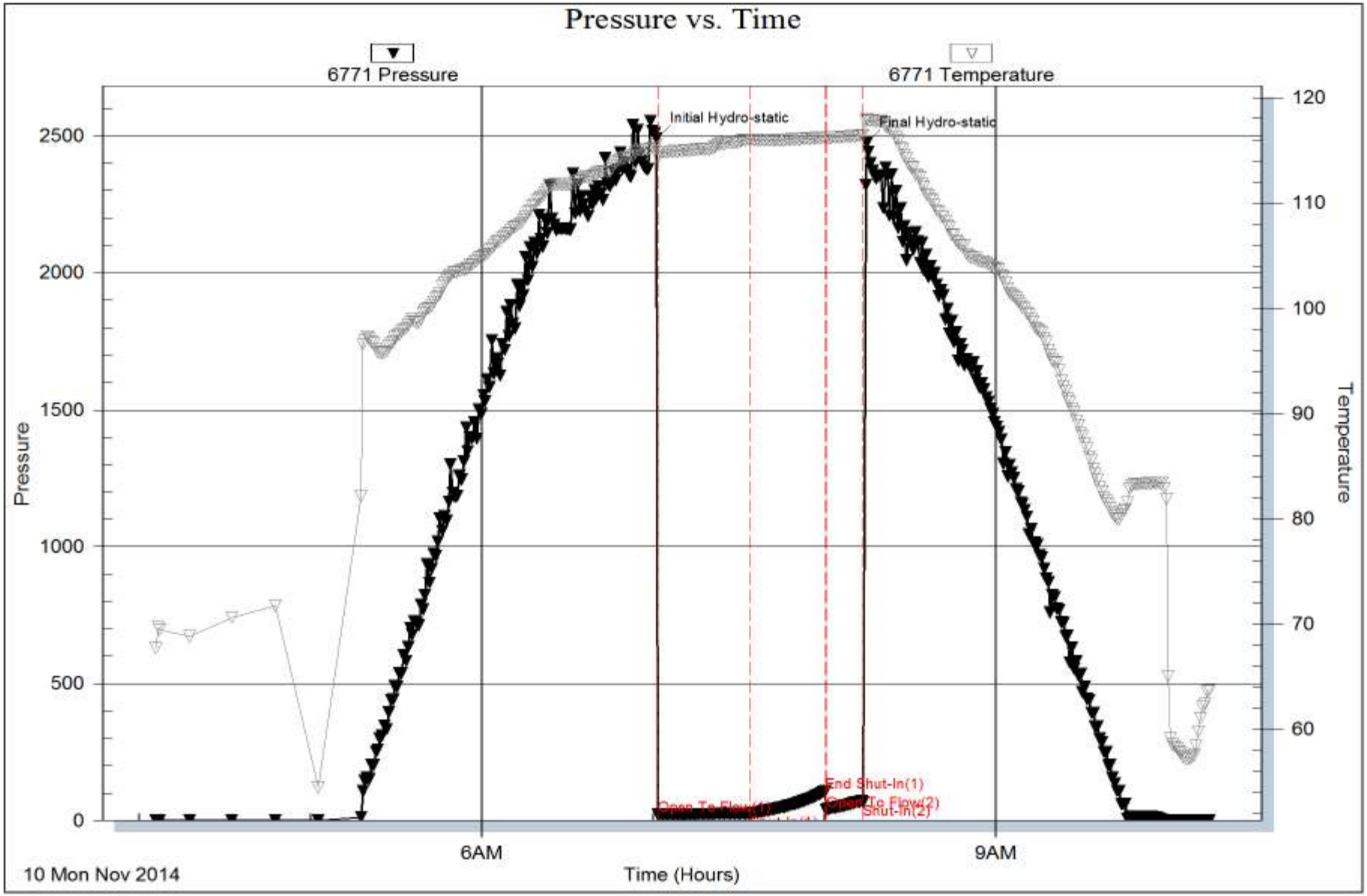
Recovery Table

Length ft	Description	Volume bbl
2.00	Heavy thick mud 100%m	0.028

Total Length: 2.00 ft Total Volume: 0.028 bbl

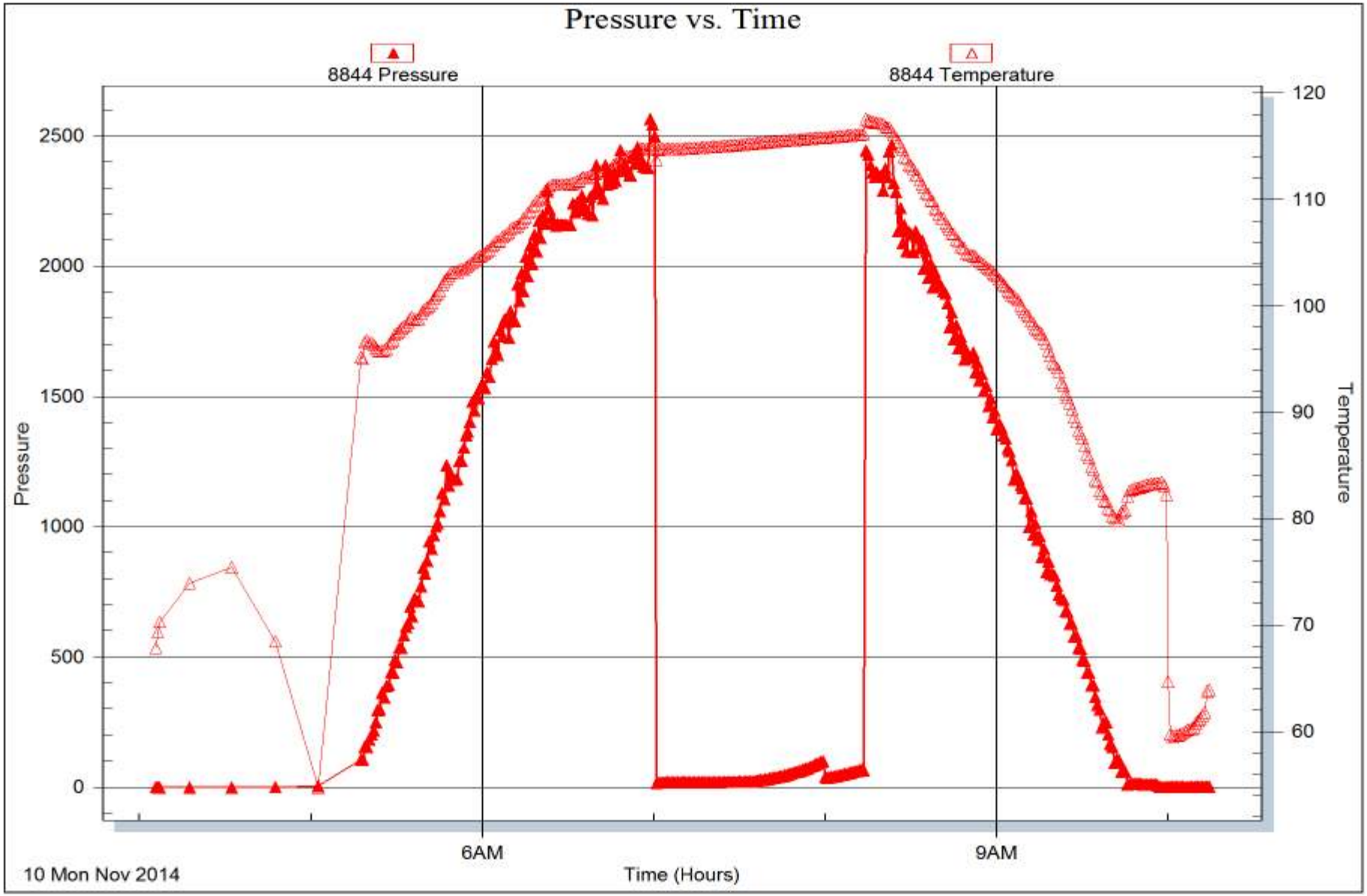
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 6771 **Inside** American Warrior Clark Trust #1-36 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 59704 Printed: 2014.11.14 @ 11:50:06

Serial #: 8844 **Outside** American Warrior Clark Trust #1-36 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 59704 Printed: 2014.11.14 @ 11:50:06

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **American Warrior**

PO Box 399
Garden City, KS 67846

ATTN: Kevin Timson

Clark Trust #1-36

36-24s-31w Finney,KS

Start Date: 2014.11.10 @ 22:11:03
End Date: 2014.11.11 @ 05:25:03
Job Ticket #: 59705 DST #: 2

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.11.14 @ 11:49:47

DRILL STEM TEST REPORT

American Warrior

PO Box 399
Garden City, KS 67846

ATTN: Kevin Timson

36-24s-31w Finney,KS

Clark Trust #1-36

Job Ticket: 59705 **DST#: 2**

Test Start: 2014.11.10 @ 22:11:03

GENERAL INFORMATION:

Formation: **Morrow**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 01:06:33
Time Test Ended: 05:25:03

Test Type: Conventional Bottom Hole (Reset)
Tester: Shane McBride
Unit No: 55

Interval: 4849.00 ft (KB) To 4913.00 ft (KB) (TVD)
Total Depth: 4913.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

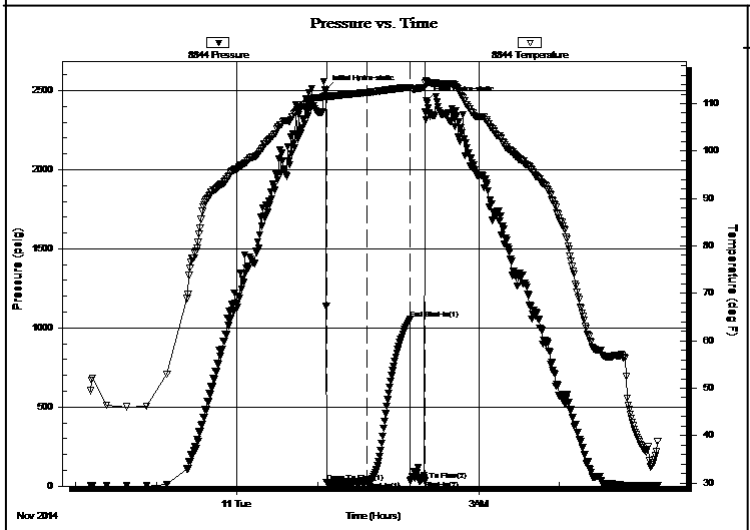
Reference Elevations: 2865.00 ft (KB)
2855.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8844 **Outside**

Press@RunDepth: 27.91 psig @ 4850.00 ft (KB)
Start Date: 2014.11.10 End Date: 2014.11.11
Start Time: 22:11:03 End Time: 05:13:03

Capacity: 8000.00 psig
Last Calib.: 2014.11.11
Time On Btm: 2014.11.11 @ 01:05:48
Time Off Btm: 2014.11.11 @ 02:21:03

TEST COMMENT: 1/4"in blow died in 24 min.
No return
No blow , pull tool after 10 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2503.26	111.67	Initial Hydro-static
1	22.89	111.04	Open To Flow (1)
31	27.91	112.31	Shut-In(1)
63	1053.92	113.44	End Shut-In(1)
64	35.35	113.13	Open To Flow (2)
74	34.11	113.36	Shut-In(2)
76	2438.25	114.70	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud heavy thick 100%m	0.07

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

American Warrior

PO Box 399
Garden City, KS 67846

ATTN: Kevin Timson

36-24s-31w Finney,KS

Clark Trust #1-36

Job Ticket: 59705 **DST#: 2**

Test Start: 2014.11.10 @ 22:11:03

GENERAL INFORMATION:

Formation: **Morrow**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 01:06:33
Time Test Ended: 05:25:03

Test Type: Conventional Bottom Hole (Reset)
Tester: Shane McBride
Unit No: 55

Interval: 4849.00 ft (KB) To 4913.00 ft (KB) (TVD)
Total Depth: 4913.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

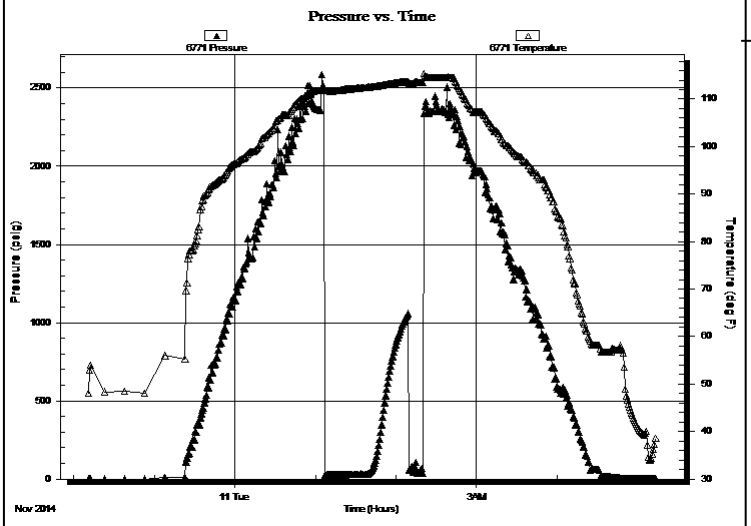
Reference Elevations: 2865.00 ft (KB)
2855.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 6771 **Inside**

Press@RunDepth: psig @ 4850.00 ft (KB)
Start Date: 2014.11.10 End Date: 2014.11.11
Start Time: 22:11:12 End Time: 05:13:27

Capacity: 8000.00 psig
Last Calib.: 2014.11.11
Time On Btm:
Time Off Btm:

TEST COMMENT: 1/4"in blow died in 24 min.
No return
No blow , pull tool after 10 min.



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud heavy thick 100%m	0.07

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior

PO Box 399
Garden City, KS 67846

ATTN: Kevin Timson

36-24s-31w Finney,KS

Clark Trust #1-36

Job Ticket: 59705 **DST#: 2**

Test Start: 2014.11.10 @ 22:11:03

Tool Information

Drill Pipe:	Length:	4831.00 ft	Diameter:	3.80	inches	Volume:	67.77	bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00	inches	Volume:	0.00	bbl	
Drill Collar:	Length:	0.00 ft	Diameter:	0.00	inches	Volume:	0.00	bbl	
						Total Volume:	67.77	bbl	

Drill Pipe Above KB:	10.00 ft
Depth to Top Packer:	4849.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	64.00 ft
Tool Length:	92.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:		2500.00 lb
Weight set on Packer:		25000.00 lb
Weight to Pull Loose:		85000.00 lb
Tool Chased		0.00 ft
String Weight:	Initial	69000.00 lb
	Final	69000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4822.00		
Shut In Tool	5.00			4827.00		
Hydraulic tool	5.00			4832.00		
Jars	5.00			4837.00		
Safety Joint	3.00			4840.00		
Packer	5.00			4845.00	28.00	Bottom Of Top Packer
Packer	4.00			4849.00		
Stubb	1.00			4850.00		
Recorder	0.00	6771	Inside	4850.00		
Recorder	0.00	8844	Outside	4850.00		
Perforations	24.00			4874.00		
Change Over Sub	1.00			4875.00		
Drill Pipe	32.00			4907.00		
Change Over Sub	1.00			4908.00		
Bullnose	5.00			4913.00	64.00	Bottom Packers & Anchor
Total Tool Length:	**92.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior

PO Box 399
Garden City, KS 67846

ATTN: Kevin Timson

36-24s-31w Finney,KS

Clark Trust #1-36

Job Ticket: 59705 **DST#: 2**

Test Start: 2014.11.10 @ 22:11:03

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:	55.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	9.57 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	2600.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

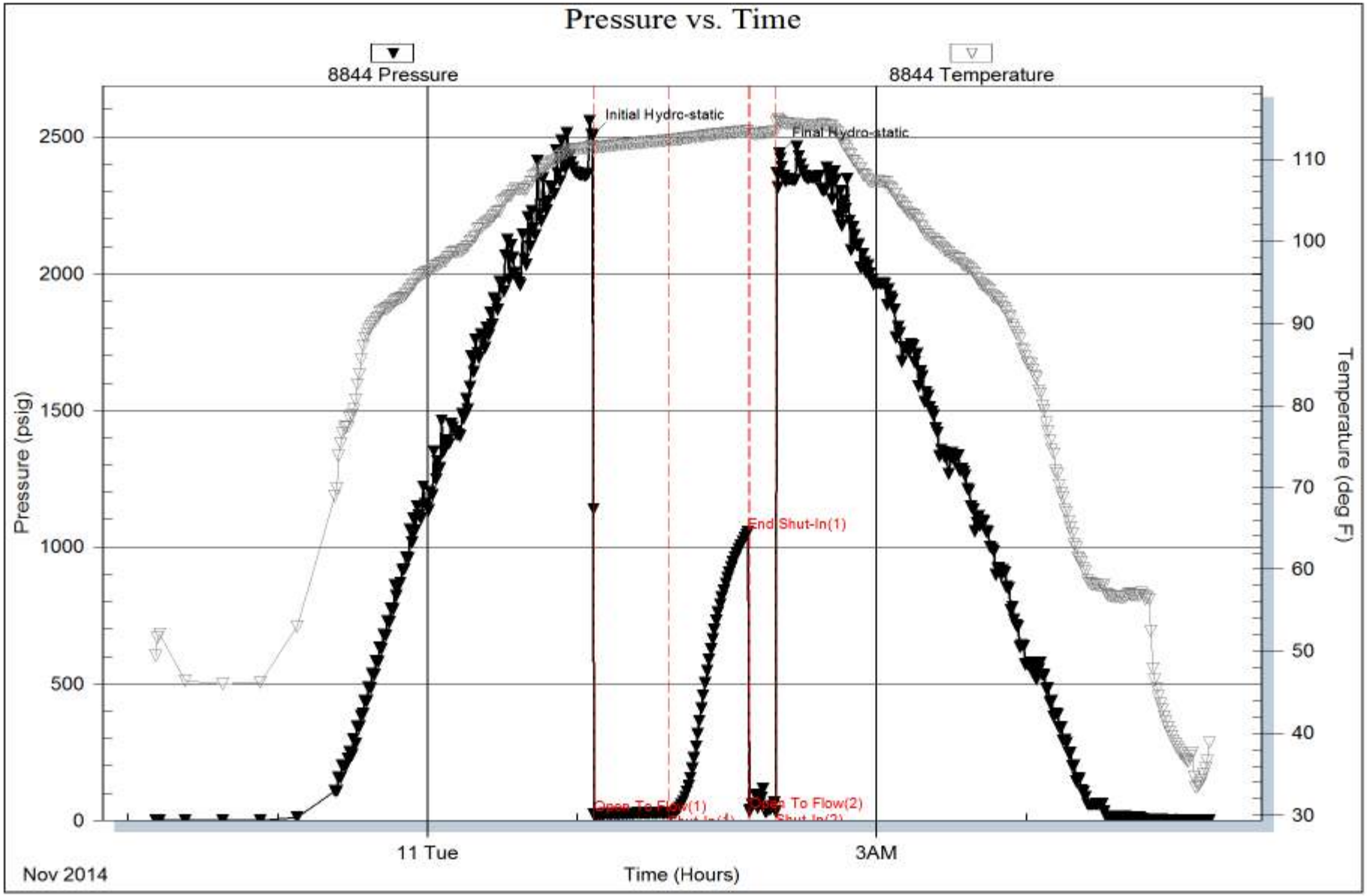
Recovery Table

Length ft	Description	Volume bbl
5.00	mud heavy thick 100%m	0.070

Total Length: 5.00 ft Total Volume: 0.070 bbl

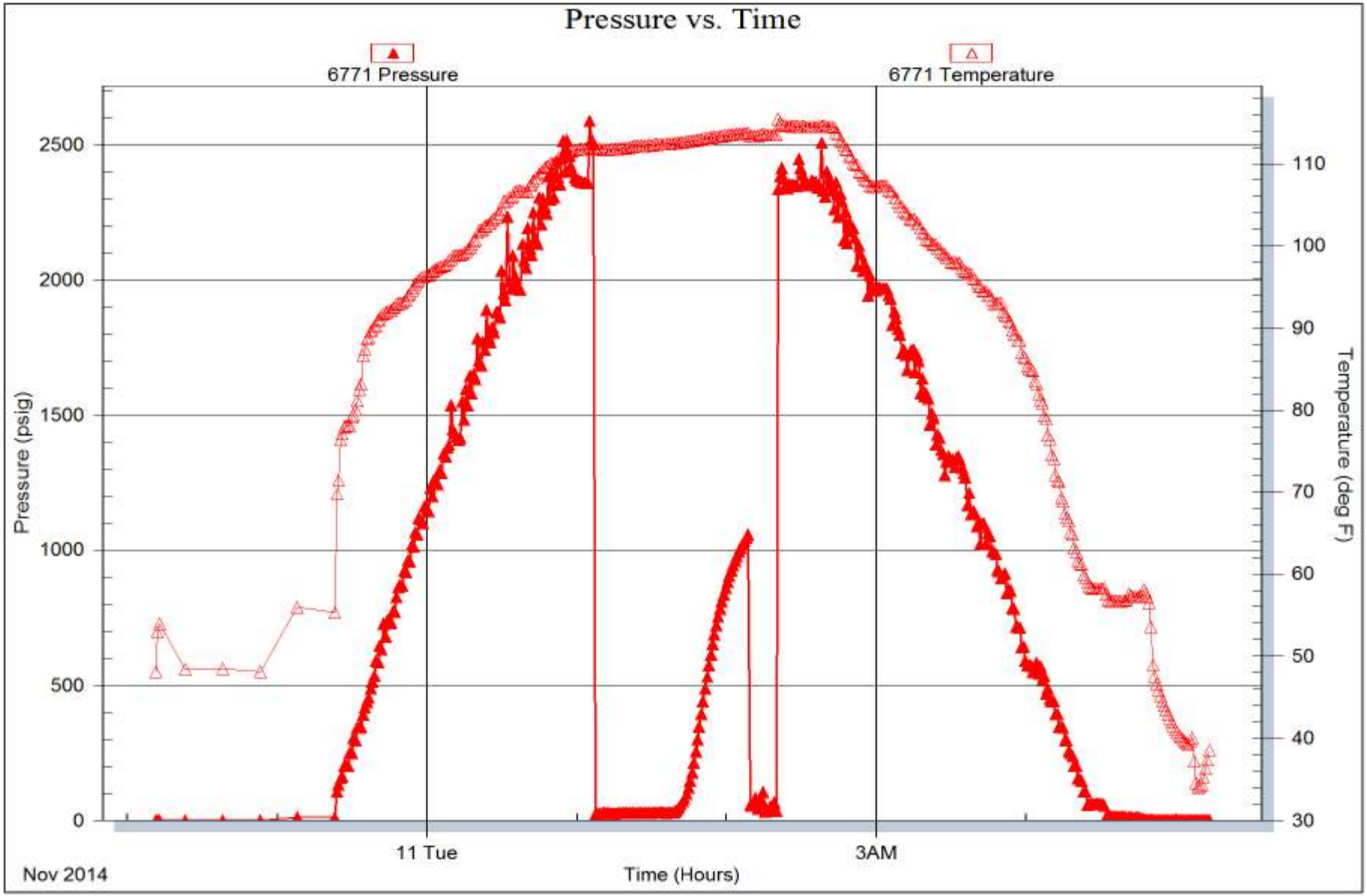
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 8844 **Outside** American Warrior Clark Trust #1-36 DST Test Number: 2



Trilobite Testing, Inc Ref. No: 59705 Printed: 2014.11.14 @ 11:49:48

Serial #: 6771 **Inside** American Warrior Clark Trust #1-36 DST Test Number: 2



Trilobite Testing, Inc Ref. No: 59705 Printed: 2014.11.14 @ 11:49:48

TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

4/10

Test Ticket

NO. 59704

Well Name & No. Clark Trust # 1-36 Test No. #1 Date 11/10/14

Company American Warrior Inc. Elevation 2865 KB 2854 GL

Address P.O. Box 399, 3118 Cummings Rd Garden City, Ks 67846

Co. Rep / Geo Kevin Timson Rig Duke #10

Location: Sec. 36 Twp. 24 Rge. 31 Co. Finney State Ks

Interval Tested 4848 4899 Zone Tested Morrow

Anchor Length 51 Drill Pipe Run 4831 Mud Wt. 9.5

Top Packer Depth 4843 Drill Collars Run — Vis 51

Bottom Packer Depth 4848 Wt. Pipe Run — WL 10.4

Total Depth 4899 Chlorides 1600 ppm System LCM #2

Blow Description 1/4 in blow open, died in 28 min.
No return
No blow pull tool after 10 min.

Rec 2'	Feet of Mud (Heavy Thick)	%gas	%oil	%water 100	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 2' BHT 118° Gravity — API RW — @ — F Chlorides — ppm

(A) Initial Hydrostatic	2488	☒ Test	1250	T-On Location	03:20
(B) First Initial Flow	22	☒ Jars	250	T-Started	04:05
(C) First Final Flow	25	☒ Safety Joint	75	T-Open	07:00
(D) Initial Shut-In	107	☒ Circ Sub	N/C	T-Pulled	08:10
(E) Second Initial Flow	38	☐ Hourly Standby		T-Out	10:25
(F) Second Final Flow	67	☒ Mileage	106 RT 164.30	Comments	
(G) Final Shut-In	—	☐ Sampler			
(H) Final Hydrostatic	2472	☐ Straddle		☐ Ruined Shale Packer	
		☐ Shale Packer		☐ Ruined Packer	
Initial Open 30		☐ Extra Packer		☐ Extra Copies	
Initial Shut-In 30		☐ Extra Recorder		Sub Total	0
Final Flow 10		☐ Day Standby		Total	1739.30
Final Shut-In —		☐ Accessibility		MP/DST Disc't	
		Sub Total	1739.30		

Approved By _____ Our Representative Kevin McBride

TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

4/10

Test Ticket

NO. 59705

Well Name & No. Clark Trust #1-36 Test No. #2 Date 11/11/14

Company American Warrior Inc Elevation 2865 KB 2855 GL

Address P.O. Box 399, 3118 Cummings Rd Garden City, Ks 67846

Co. Rep / Geo. Kevin Tomson Rig Duke #10

Location: Sec. 36 Twp. 24 S Rge. 31 W Co. Finney State Ks

Interval Tested 4849 4913 Zone Tested Morrow

Anchor Length 64 Drill Pipe Run 4831 Mud Wt. 9.5

Top Packer Depth 4844 Drill Collars Run — Vis 55

Bottom Packer Depth 4849 Wt. Pipe Run — WL 9.4

Total Depth 4913 Chlorides 2600 ppm System LCM #1

Blow Description 1/4 in @ open died in 24 min
No return
No blow - pull tool after 10 min.

Rec 5'	Feet of Mud (Heavy Thick)	%gas	%oil	%water 100	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 5' BHT 115° Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 2503	☒ Test 1250	T-On Location 21:45
(B) First Initial Flow 23	☒ Jars 250	T-Started 22:10
(C) First Final Flow 27	☒ Safety Joint 75	T-Open 01:06
(D) Initial Shut-In 1053	☒ Circ Sub N/C	T-Pulled 02:16
(E) Second Initial Flow 35	☐ Hourly Standby	T-Out 05:25
(F) Second Final Flow 34	☒ Mileage 106 RT 164.30	Comments Released 11/12/0 10:30 am.
(G) Final Shut-In —	☐ Sampler 164.30	
(H) Final Hydrostatic 2438	☐ Straddle	☐ Ruined Shale Packer
	☐ Shale Packer	☐ Ruined Packer
Initial Open 30	☐ Extra Packer	☐ Extra Copies
Initial Shut-In 30	☐ Extra Recorder	Sub Total 0
Final Flow 10	☐ Day Standby	Total 1903.60
Final Shut-In —	☐ Accessibility	MP/DST Disc't
	Sub Total 1903.60	

Approved By Our Representative

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

CEMENTING LOG

ALLIED OIL & GAS SERVICES, LLC

Date 11/5/2014 District Liberal # 21 Ticket No. 61712
Company American Warrior Rig Duke #10
Lease Clark Trust Well No 1-36
County Finney State Ks
Location
Field
Casing Data ☐ Conductor ☐ PTA ☐ Squeeze ☐ Misc. ☑ Surface ☐ Intermediate ☐ Production ☐ Liner
Size 8 5/8 Type Weight 24# Collar

Casing Depths Top Bottom 1641

Drill Pipe:	BBLS/LIN. FT		LIN. FT/BBL	
Open Hole:	BBLS/LIN. FT		LIN. FT/BBL	
Capacity Factors:	BBLS/LIN. FT		LIN. FT/BBL	
Casing	BBLS/LIN. FT		LIN. FT/BBL	
Open Holes	BBLS/LIN. FT		LIN. FT/BBL	
Drill Pipe	BBLS/LIN. FT		LIN. FT/BBL	
Annulus	BBLS/LIN. FT		LIN. FT/BBL	
	BBLS/LIN. FT		LIN. FT/BBL	

Perforations From ft to ft Amt

CEMENT DATA
Spacer Type H2O
Amt. Sks Yield ft³/sk Density PPG
10 bbls

LEAD: Time hrs. Type 65/35 6% Gel 3%CC
.5# Floseal Excess
Amt. 625 Sks Yield 2 ft³/sk Density 12.4 PPG
TAIL: Time hrs. Type Class A 3% CC 1/4# Flo Seal
Excess
Amt. 200 Sks Yield 1.21 ft³/sk Density 15.6 PPG
WATER Lead 10.9 Gal/sk Tail 5.2 Gal/sk Total BBLS

Pump Trucks Used: 549-550
Bulk Equipment 869-1066
956-841

Float Equipment: Manufacturer Weatherford
Shoe: Type Guide Shoe Depth
Float: Type AFU Float Insert Depth
Centralizers: Quantity 3 Plugs Top Bottom
Stage Collars
Special Equipment Cement Basket
Disp: Fluid Type H2O Amt 102 bbls Weight 8.3 PPG
Mud Type Weight

COMPANY REPRESENTATIVE
CEMENTER Lenny Baeza

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	PUMPED PER TIME PERIOD	RATE BBLS/MIN	
10:00pm						On location @ 10:00am
10:30pm						Rigging up to the well head
11:45pm	2000					Pressure test lines
11:46pm	250		10		4	Pumping 10 bbls of water ahead
11:48pm	240		232		6	Mixing cement 625sk @12.4#
12:20am	200		265		4	Mixing cement 200sk @ 15.6#
12:32am	0		265		0	Shut down and releases the plug
12:34am	80		265		3	Plug left the head started displacement of 106 bbls
12:41am	240		305		5	40bbls gone
12:48am	370		325		6	60bbls gone
12:55am	500		345		6	80bbls gone
1:01am	620		365		6	100bbls gone
1:05am	1300		367		3	102 bbls gone and landed the plug 1300 psi
	0		0		0	Release the psi and float is holding
						rigging up 40bbls of cement to surface
						Leaving location @ 1:30am
						THANK YOU !!!!!!!!!!!!!!!!!!

FINAL DISP. PRESS. 630 PSI BUMP PLUG TO 1300 PSI BLEEDBACK 0.5 BBLS THANK YOU

ALLIED OIL & GAS SERVICES, LLC

CEMENTING LOG

Date 11/12/2014 District Liberal # 21 Ticket No. 64526
Company AMERICAN WARRIOR Rig DUKE # 10
Lease PARKS Well No 1-36
County FINNEY CO. State KS.
Location
Field
Casing Data ☐ Conductor ☑ PTA ☐ Squeeze ☐ Misc. ☐ Surface ☐ Intermediate ☐ Production ☐ Liner
Size 8 5/8 Type j-55 Weight 24# Collar
and 5.5 14#

Casing Depths Top Bottom

Drill Pipe:	BBLS/LIN. FT	0.01422	LIN. FT/BBL	
Open Hole:	BBLS/LIN. FT		LIN. FT/BBL	
Capacity Factors:	BBLS/LIN. FT		LIN. FT/BBL	
Casing	BBLS/LIN. FT	0.0637	LIN. FT/BBL	15.698
Open Holes	BBLS/LIN. FT		LIN. FT/BBL	
Drill Pipe	BBLS/LIN. FT		LIN. FT/BBL	
Annulus	BBLS/LIN. FT	0.0406	LIN. FT/BBL	24.63
	BBLS/LIN. FT	0.044	LIN. FT/BBL	22.727

Perforations From ft to ft Amt

CEMENT DATA
Spacer Type 10 bbls h20
Amt. Sks Yield ft³/sk Density 8.34 PPG
LEAD: Time hrs. Type 60/40/4 CLASS A
CLASS A Excess
Amt. 220 Sks Yield 1.5 ft³/sk Density 13.5 PPG
TAIL: Time hrs. Type
Excess
Amt. Sks Yield ft³/sk Density PPG
WATER Lead 7.5 Gal/sk Tail Gal/sk Total 39.3 BBLS

Pump Trucks Used: 848-541
Bulk Equipment 705-842

Float Equipment: Manufacturer
Shoe: Type Depth
Float: Type Depth
Centralizers: Quantity Plugs Top Bottom
Stage Collars
Special Equipment
Disp: Fluid Type H20 Amt bbls Weight 8.34 PPG
Mud Type Weight

COMPANY REPRESENTATIVE ALEX CEMENTER Ruben Chavez

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	PUMPED PER TIME PERIOD	RATE BBLS/MIN	
5:00 PM.						Got To Location Spot Trucks, And Rig Up.
10:00						Have A Prejob Safety Meeting
10:20	380		2	2	2	Pump 2 BBls H20 To Fill Pump Line and get circulation
10:23						PRESSURE TEST 1000 PSI pumping lines
10:25	380		10	8	3	Start pumping 10 bbls h20- spaccer
10:29	380		20.6	10.6	3	Start pumping 40 sk cement 10.6 bbls slurry at 1984 ft. and displacec
10: 33	350		45.6	25		with 2.5 bbls h20 behind and 22 bbls mud pumped wjth rig.
11:20	350		58.9	13.3	3	2nd plug, 50 sk at 1670 ft. 13.3 bbls slurry.
11:25			78.9	20	4	Disp-lace with 20 bbls h20
12:00	250		89.5	10.6	3	Start pumping 3rd plug 40 sk at 1050 ft. 10.6 bbls slurry
12:06	150		101.5	12	4	displace with 12 bbls h20
1:00	250		112.1	10.6	3	Start pumping 4th plug 40 sk cement at 300 ft., 10.6 bbls slurry
1:07			113.7	1.6	4	Displace with 1.6 bbls h20
1:35			119	5.3	3	5th plug, 20 sk at 60 ft., 5.3 bbls slurry
1:45	50		132.3	13.3	3	Mix and pump 20 sk cement for mouse hole and 30 sk for rat hole.
						13.3 bbls slurry.
						Job finished
						Rig down
						Thankyou.

FINAL DISP. PRESS. PSI BUMP PLUG TO PSI BLEEDBACK BBLS THANK YOU