



KANSAS CORPORATION COMMISSION 1095068
OIL & GAS CONSERVATION DIVISION

Form ACO-1

June 2009

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: Scott Corsair
Phone: (785) 398-2270
CONTRACTOR: License # 5929
Name: Duke Drilling Co., Inc.
Wellsite Geologist: Jason Alm
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 #:

05/29/2012 06/05/2012 06/05/2012
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-135-25395-00-00
Spot Description:
SW SE NE NW Sec. 17 Twp. 18 S. R. 22 ☐ East ☒ West
1220 Feet from ☒ North / ☐ South Line of Section
2277 Feet from ☐ East / ☒ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☒ NW ☐ SE ☐ SW
County: Ness
Lease Name: DLM Well #: 1-17
Field Name:
Producing Formation: NA
Elevation: Ground: 2231 Kelly Bushing: 2242
Total Depth: 4350 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 222 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: 26000 ppm Fluid volume: 320 bbls
Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:

Operator Name: American Warrior
Lease Name: Moore-Hamzy License #: 4058
Quarter SE Sec. 27 Twp. 19 S. R. 21 ☐ East ☒ West
County: Ness Permit #: D28845

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: Deanna Garrison Date: 10/04/2012



1095068

Operator Name: American Warrior, Inc. Lease Name: DLM Well #: 1-17
 Sec. 17 Twp. 18 S. R. 22 ☐ East ☒ West County: Ness

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 ☒ Yes ☐ No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey ☐ Yes ☒ No Cores Taken ☐ Yes ☒ No Electric Log Run ☐ Yes ☒ No Electric Log Submitted Electronically ☐ Yes ☐ No <i>(If no, Submit Copy)</i> List All E. Logs Run:	☐ Log Formation (Top), Depth and Datum ☒ Sample <table style="width: 100%;"> <tr> <td style="width: 33%;">Name</td> <td style="width: 33%;">Top</td> <td style="width: 33%;">Datum</td> </tr> <tr> <td>Attached</td> <td>Attached</td> <td>Attached</td> </tr> </table>	Name	Top	Datum	Attached	Attached	Attached
Name	Top	Datum					
Attached	Attached	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	12.25	8.625	23	222	Common	150	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	-			

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 <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: ☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled <i>(Submit ACO-5) (Submit ACO-4)</i> ☐ Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
---	--	--

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	DLM 1-17
Doc ID	1095068

Tops

	1095068	1095068
Anhydrite	1537	705
Heebner	3684	-1442
Lansing	3728	-1486
Base Kansas City	4037	-1795
Pawnee	4122	-1880
Ft. Scott	4215	-1973
Cherokee	4235	-1993
Mississippian	4316	-2074
TD	4350	-2108

ALLIED CEMENTING CO., LLC. 042517

REMITTO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Guest Book

DATE 5-30-12	SEC 17	TWP 18S	RANGE 22W	CALLED OUT	ON LOCATION	JOB START 1	JOB FINISH 12
LEASE OLM	WELL # 1-17	LOCATION B-21-1-1 West To 2			COUNTY NESS	STATE KS	
OLD OR (NEW) (Circle one)		No-32 To 160 # West South To					

CONTRACTOR	Duke Ritz
TYPE OF JOB	Surface
HOLE SIZE	12 1/4
CASING SIZE	8 3/4
TUBING SIZE	
DRILL PIPE	
WELL	
PRES. MAX	
MEAS. LINE	
CEMENT LEFT IN CSG.	15
PERFS.	
DISPLACEMENT	13 BBLs
EQUIPMENT	

OWNER _____

CEMENT

AMOUNT ORDERED 150 SK 51655 A + 3 1/2
+ 2 3/4 GC-1

COMMON	@
POZMIX	@
GEL	@
CHLORIDE	@
ASC	@
	@
	@
	@
	@
	@
	@
	@
	@
	@
HANDLING	@
MILEAGE	@

PUMP TRUCK	CEMENTER	Wayne
# 224	HELPER	John
BULK TRUCK		
# 182/241	DRIVER	Henry
BULK TRUCK		
#	DRIVER	

REMARKS:

Pipe at Bottom B-see
Circulation with Rig mud
Run 3 BBLs water ahead
Mix 15 ASX Class A + 3% + 2%
Displace 13 BBLs fresh water.
Shut in
Cement did circulate

CHARGE TO: American Express
STREET 1000 17th St
CITY San Francisco STATE CA ZIP 94109

SERVICE

DEPTH OF JOB 222
PUMP TRUCK CHARGE _____
EXTRA FOOTAGE _____ @ _____
MILEAGE _____ @ _____
MANIFOLD _____ @ _____
_____ @ _____

PLUG & FLOAT EQUIPMENT

[illegible]

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 KENNETH M'GURF

SIGNATURE Kenneth M. Lane

SALES TAX (If Any) _____

TOTAL CHARGES

DISCOUNT _____ IF PAID IN 30 DAYS

ALLIED OIL & GAS SERVICES, LLC 053651

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

SERVICE POINT:
Great Bend, KS

DATE <u>6-5-12</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>Ucm</u>	WELL # <u>1-17</u>	LOCATION <u>Rozzie, KS 4 West</u>			COUNTY <u>Neosho</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)		<u>North 1/2 East, South into</u>					

CONTRACTOR Duke #5
 TYPE OF JOB Rotary Plug
 HOLE SIZE 7 1/8 T.D. 2150
 CASING SIZE _____ DEPTH _____
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT _____

EQUIPMENT

PUMP TRUCK CEMENTER Gregg
 # 224 HELPER Kerry R
 BULK TRUCK _____
 # 482-271 DRIVER Kevin W
 BULK TRUCK _____
 # _____ DRIVER _____

REMARKS:

1st plug mix 50 sk @ 1560 ft
2nd plug mix 50 sk @ 810 ft
3rd plug mix 50 sk @ 240 ft
4th plug mix 50 sk @ 60 ft
5th 30 sks in Kothole
6th 20 sks in Mouse hole

CHARGE TO: American Warrior
 STREET _____
 CITY _____ STATE _____ ZIP _____

To: Allied Oil & Gas Services, 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 X KENNETH M'GUIRE
 SIGNATURE Kenneth M'Guire
Thank You!

OWNER American Warrior
 CEMENT
 AMOUNT ORDERED 250 sks 60/40 per
40% gel 1/4 #10991
 COMMON _____ @ _____
 POZMIX _____ @ _____
 GEL _____ @ _____
 CHLORIDE _____ @ _____
 ASC _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 HANDLING _____ @ _____
 MILEAGE _____

TOTAL _____

SERVICE

DEPTH OF JOB _____
 PUMP TRUCK CHARGE _____
 EXTRA FOOTAGE _____ @ _____
 MILEAGE _____ @ _____
 MANIFOLD _____ @ _____
 _____ @ _____

TOTAL _____

PLUG & FLOAT EQUIPMENT

_____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____

TOTAL _____

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

Geological Report

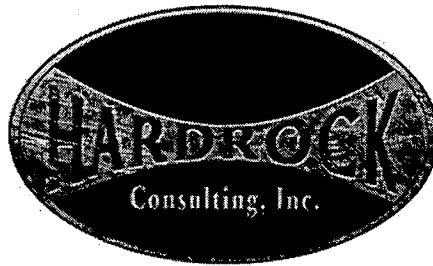
American Warrior, Inc.

DLM #1-17

1220' FNL & 2277' FEL

Sec. 17 T18s R22w

Ness County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
DLM #1-17
1220' FNL & 2277' FEL
Sec. 17 T18s R22w
Ness County, Kansas
API # 15-135-25395-0000

Drilling Contractor: Duke Drilling Co. Inc. Rig #5

Geologist: Jason T Alm

Spud Date: May 29, 2012

Completion Date: June 5, 2012

Elevation: 2231' Ground Level
2242' Kelly Bushing

Directions: Bazine KS, West on Hwy 96 to Z Rd. North 4 mi.
West ½ mi. South into location.

Casing: 221' 8 5/8" surface casing

Samples: 10' wet and dry, 3600' to RTD

Drilling Time: 3600' to RTD

Electric Logs: None

Drillstem Tests: Two, Trilobite Testing, Inc. "Brett Dickinson"

Problems: None

Remarks: None

Formation Tops

Formation

Anhydrite
Base
Heebner
Lansing
BKc
Pawnee
Fort Scott
Cherokee
Basil Cher. Sand
Mississippian
Osage
RTD

American Warrior, Inc.

DLM #1-17

Sec. 17 T18s R22w

1220' FNL & 2277' FEL

1537', +705

1578', +664

3684', -1442

3728', -1486

4037', -1795

4122', -1880

4215', -1973

4235', -1993

4295', -2053

4316', -2074

4343', -2101

4350', -2108

Sample Zone Descriptions

Fort Scott

(4215', -1973): Covered in DST #1

Ls – Fine crystalline, oolitic with fair oomoldic and inter-crystalline porosity, light to fair oil stain in porosity, show of free oil, fair odor, bright yellow fluorescents, 22 units hotwire.

Basil Cher. Sand

(4295', -2053): Covered in DST #2

Ss – Quartz, fine to very fine grained, well sorted, sub-angular, well cemented with very poor inter-granular porosity, light spotted oil stain, no show of free oil, no odor, dull yellow fluorescents, friable in part.

Drill Stem Tests
Trilobite Testing, Inc.
"Brett Dickinson"

DST #1

Fort Scott

Interval (4190' - 4248') Anchor Length 58'

IHP	- 2083 #	
IFP	- 45" - B.O.B. 43 min.	24-41 #
ISI	- 45" - Dead	913 #
FFP	- 45" - B.O.B. 23 min.	41-64 #
FSI	- 45" - Dead	805 #
FHP	- 2039 #	
BHT	- 118°F	

Recovery: 417' GIP
60' GOCM 10% Oil
15' GOCM 20% Oil

DST #2

Basil Cherokee Sand

Interval (4284' - 4335') Anchor Length 49'

IHP	- 2146 #	
IFP	- 30" - W.S.B.	26-28 #
ISI	- 30" - Dead	54 #
FFP	- 10" - Dead	28-29 #
FHP	- 2092 #	
BHT	- 116°F	

Recovery: 8' SOCM 2% Oil

Structural Comparison

Formation	American Warrior, Inc. DLM #1-17 Sec. 17 T18s R22w 1220' FNL & 2277' FEL	Mull Drilling Co. Inc. Moore Trust #1-17 Sec. 17 T18s R22w 1086' FNL & 2114' FWL	Icer Addis Strecker #1 Sec. 17 T18s R22w C NW SW
Anhydrite	1537', +705	NA	NA
Base	1578', +664	NA	NA
Heebner	3684', -1442	3684', -1440	NA
Lansing	3728', -1486	3728', -1484	NA
BKc	4037', -1795	NA	NA
Pawnee	4122', -1880	4121', -1877	4170', -1883
Fort Scott	4215', -1973	4214', -1970	4264', -1977
Cherokee	4235', -1993	4232', -1988	NA
Basil Cher Sand	4295', -2053	4293', -2049	NA
Mississippian	4316', -2074	4319', -2075	4352', -2065
Osage	4343', -2101	4343', -2099	4373', -2086

Summary

The location for the DLM #1-17 was found via 3-D seismic survey. The new well ran structurally as expected via the survey. Two drill stem tests were conducted both of which were negative. After all gathered data had been examined the decision was made to plug and abandon the DLM #1-17 well.

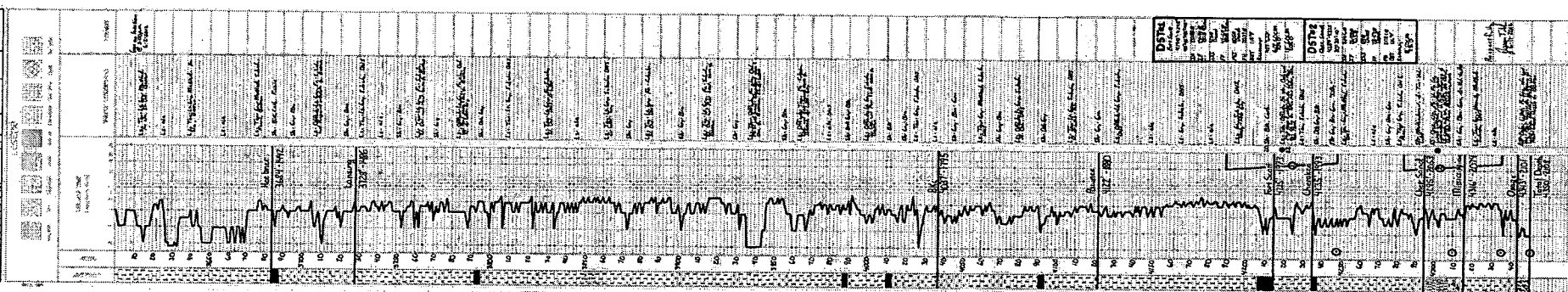
Respectfully Submitted,

Jason T Alm
Hard Rock Consulting, Inc.

Geologic Report
 (Filling This and Sample Log)

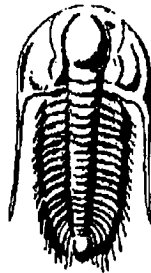
Operator: American Wellbore, Inc.
 LWD DLM No. 1-17
 API # 16-125-25395-0000
 Location: 4229 FOL & 2177 FEL
 Sec. 17 Twp. 18N Rgd. 22W
 County: Ness State: Kansas

Interval	Depth (ft)	Formation	Notes
1	0-10	Shale	
2	10-20	Shale	
3	20-30	Shale	
4	30-40	Shale	
5	40-50	Shale	
6	50-60	Shale	
7	60-70	Shale	
8	70-80	Shale	
9	80-90	Shale	
10	90-100	Shale	
11	100-110	Shale	
12	110-120	Shale	
13	120-130	Shale	
14	130-140	Shale	
15	140-150	Shale	
16	150-160	Shale	
17	160-170	Shale	
18	170-180	Shale	
19	180-190	Shale	
20	190-200	Shale	
21	200-210	Shale	
22	210-220	Shale	
23	220-230	Shale	
24	230-240	Shale	
25	240-250	Shale	
26	250-260	Shale	
27	260-270	Shale	
28	270-280	Shale	
29	280-290	Shale	
30	290-300	Shale	
31	300-310	Shale	
32	310-320	Shale	
33	320-330	Shale	
34	330-340	Shale	
35	340-350	Shale	
36	350-360	Shale	
37	360-370	Shale	
38	370-380	Shale	
39	380-390	Shale	
40	390-400	Shale	
41	400-410	Shale	
42	410-420	Shale	
43	420-430	Shale	
44	430-440	Shale	
45	440-450	Shale	
46	450-460	Shale	
47	460-470	Shale	
48	470-480	Shale	
49	480-490	Shale	
50	490-500	Shale	
51	500-510	Shale	
52	510-520	Shale	
53	520-530	Shale	
54	530-540	Shale	
55	540-550	Shale	
56	550-560	Shale	
57	560-570	Shale	
58	570-580	Shale	
59	580-590	Shale	
60	590-600	Shale	
61	600-610	Shale	
62	610-620	Shale	
63	620-630	Shale	
64	630-640	Shale	
65	640-650	Shale	
66	650-660	Shale	
67	660-670	Shale	
68	670-680	Shale	
69	680-690	Shale	
70	690-700	Shale	
71	700-710	Shale	
72	710-720	Shale	
73	720-730	Shale	
74	730-740	Shale	
75	740-750	Shale	
76	750-760	Shale	
77	760-770	Shale	
78	770-780	Shale	
79	780-790	Shale	
80	790-800	Shale	
81	800-810	Shale	
82	810-820	Shale	
83	820-830	Shale	
84	830-840	Shale	
85	840-850	Shale	
86	850-860	Shale	
87	860-870	Shale	
88	870-880	Shale	
89	880-890	Shale	
90	890-900	Shale	
91	900-910	Shale	
92	910-920	Shale	
93	920-930	Shale	
94	930-940	Shale	
95	940-950	Shale	
96	950-960	Shale	
97	960-970	Shale	
98	970-980	Shale	
99	980-990	Shale	
100	990-1000	Shale	



DSTs

Interval	Pressure (psi)	Temperature (°F)	Gas (scf)	Oil (bbl)	Water (bbl)
0-10	1000	100	0.0	0.0	0.0
10-20	950	105	0.0	0.0	0.0
20-30	900	110	0.0	0.0	0.0
30-40	850	115	0.0	0.0	0.0
40-50	800	120	0.0	0.0	0.0
50-60	750	125	0.0	0.0	0.0
60-70	700	130	0.0	0.0	0.0
70-80	650	135	0.0	0.0	0.0
80-90	600	140	0.0	0.0	0.0
90-100	550	145	0.0	0.0	0.0
100-110	500	150	0.0	0.0	0.0
110-120	450	155	0.0	0.0	0.0
120-130	400	160	0.0	0.0	0.0
130-140	350	165	0.0	0.0	0.0
140-150	300	170	0.0	0.0	0.0
150-160	250	175	0.0	0.0	0.0
160-170	200	180	0.0	0.0	0.0
170-180	150	185	0.0	0.0	0.0
180-190	100	190	0.0	0.0	0.0
190-200	50	195	0.0	0.0	0.0
200-210	0	200	0.0	0.0	0.0



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **American Warrior, Inc.**

PO Box 399
Garden City, Ks 67846

ATTN: Jason Alm

DLM #1-17

17-18s-22w Ness,KS

Start Date: 2012.06.03 @ 01:07:15

End Date: 2012.06.03 @ 08:51:45

Job Ticket #: 47246 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.06.06 @ 11:22:55

American Warrior, Inc. 17-18s-22w Ness,KS DLM #1-17 DST # 1 Fort Scott 2012.06.03



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

American Warrior, Inc.

PO Box 399
Garden City, Ks 67846

ATTN: Jason Alm

17-18s-22w Ness, KS

DLM #1-17

Job Ticket: 47246

DST#: 1

Test Start: 2012.06.03 @ 01:07:15

GENERAL INFORMATION:

Formation: **Fort Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:29:45

Time Test Ended: 08:51:45

Interval: **4190.00 ft (KB) To 4248.00 ft (KB) (TVD)**

Total Depth: 4248.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Rash

Unit No: 38

Reference Elevations: 2242.00 ft (KB)

2231.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: **8354** Inside

Press@RunDepth: 64.48 psig @ 4230.00 ft (KB)

Start Date: 2012.06.03

End Date:

2012.06.03

Capacity: 8000.00 psig

Last Calib.: 2012.06.04

Start Time: 01:17:15

End Time:

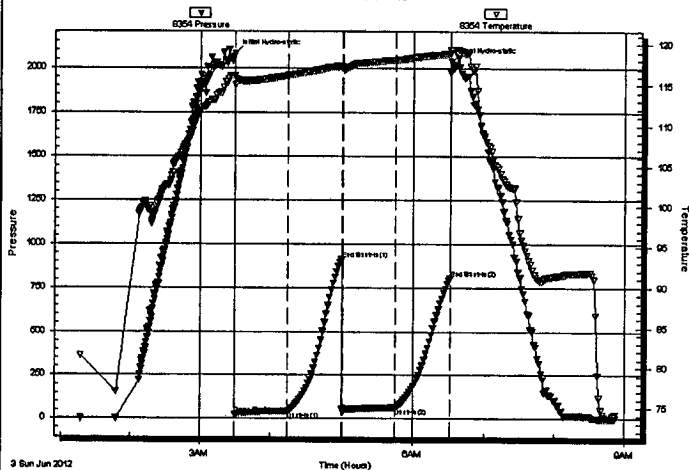
08:51:45

Time On Btm: 2012.06.03 @ 03:29:15

Time Off Btm: 2012.06.03 @ 06:32:15

TEST COMMENT: IF-Very weak building blow . BOB in 43 minutes.
ISI-No Return.
FF-Weak building blow . BOB in 23 minutes 30 seconds.
FSI-No Return.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2082.50	116.12	Initial Hydro-static
1	24.03	115.08	Open To Flow (1)
46	41.44	116.18	Shut-In (1)
91	913.33	117.30	End Shut-In (1)
92	41.43	117.12	Open To Flow (2)
136	64.48	118.05	Shut-In (2)
182	805.36	118.84	End Shut-In (2)
183	2038.75	119.32	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	10%Gas/10%Oil/80%Mud	0.30
15.00	50%Gas/20%Oil/30%Mud	0.07
0.00	417' G.I.P.	0.00

Gas Rates

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



American Warrior, Inc.

17-18s-22w Ness, KS

PO Box 399
Garden City, Ks 67846

DLM #1-17

Job Ticket: 47246

DST#: 1

Test Start: 2012.06.03 @ 01:07:15

GENERAL INFORMATION:

Formation: **Fort Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:29:45

Time Test Ended: 08:51:45

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Rash

Unit No: 38

Interval: 4190.00 ft (KB) To 4248.00 ft (KB) (TVD)

Total Depth: 4248.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2242.00 ft (KB)

2231.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8520

Outside

Press@RunDepth: psig @ 4230.00 ft (KB)

Start Date: 2012.06.03

End Date: 2012.06.03

Capacity: 8000.00 psig

Last Calib.: 2012.06.04

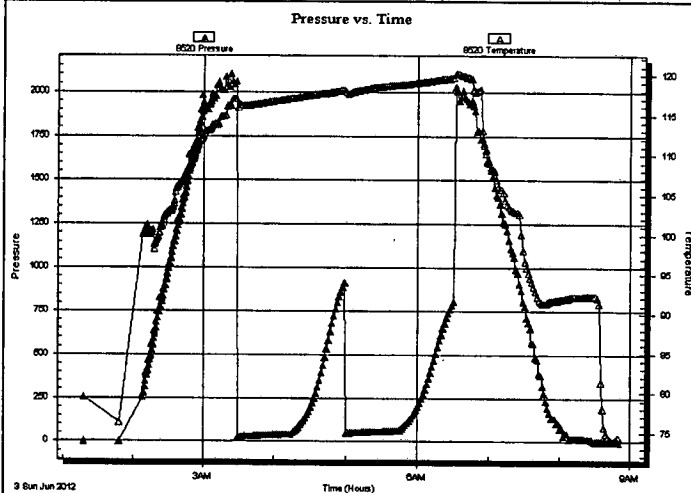
Start Time: 01:17:30

End Time: 08:51:00

Time On Btm:

Time Off Btn:

TEST COMMENT: IF-Very weak building blow . BOB in 43 minutes.
ISI-No Return.
FF-Weak building blow . BOB in 23 minutes 30 seconds.
FSI-No Return.



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
60.00	10%Gas/10%Oil/80%Mud	0.30
15.00	50%Gas/20%Oil/30%Mud	0.07
0.00	417' G.I.P.	0.00

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior, Inc.

17-18s-22w Ness, KS

PO Box 399
Garden City, Ks 67846

DLM #1-17

Job Ticket: 47246

DST#: 1

ATTN: Jason Alm

Test Start: 2012.06.03 @ 01:07:15

Tool Information

Drill Pipe:	Length: 3920.00 ft	Diameter: 3.80 inches	Volume: 54.99 bbl	Tool Weight: 3000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 269.00 ft	Diameter: 2.25 inches	Volume: 1.32 bbl	Weight to Pull Loose: 5000.00 lb
			Total Volume: 56.31 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 73000.00 lb
Depth to Top Packer:	4190.00 ft			Final 75000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	58.00 ft			
Tool Length:	86.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4163.00	
Shut In Tool	5.00			4168.00	
Hydraulic tool	5.00			4173.00	
Jars	5.00			4178.00	
Safety Joint	3.00			4181.00	
Packer	5.00			4186.00	28.00 Bottom Of Top Packer
Packer	4.00			4190.00	
Stubb	1.00			4191.00	
Perforations	5.00			4196.00	
Change Over Sub	1.00			4197.00	
Drill Pipe	32.00			4229.00	
Change Over Sub	1.00			4230.00	
Recorder	0.00	8354	Inside	4230.00	
Recorder	0.00	8520	Outside	4230.00	
Perforations	15.00			4245.00	
Bullnose	3.00			4248.00	58.00 Bottom Packers & Anchor
Total Tool Length:		86.00			



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc.

17-18s-22w Ness, KS

PO Box 399
Garden City, Ks 67846

DLM #1-17

Job Ticket: 47246

DST#: 1

ATTN: Jason Alm

Test Start: 2012.06.03 @ 01:07:15

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 46.00 sec/qt

Water Loss: 9.15 in³

Resistivity: ohm.m

Salinity: 4500.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	10%Gas/10%Oil/80%Mud	0.295
15.00	50%Gas/20%Oil/30%Mud	0.074
0.00	417' G.I.P.	0.000

Total Length: 75.00 ft

Total Volume: 0.369 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

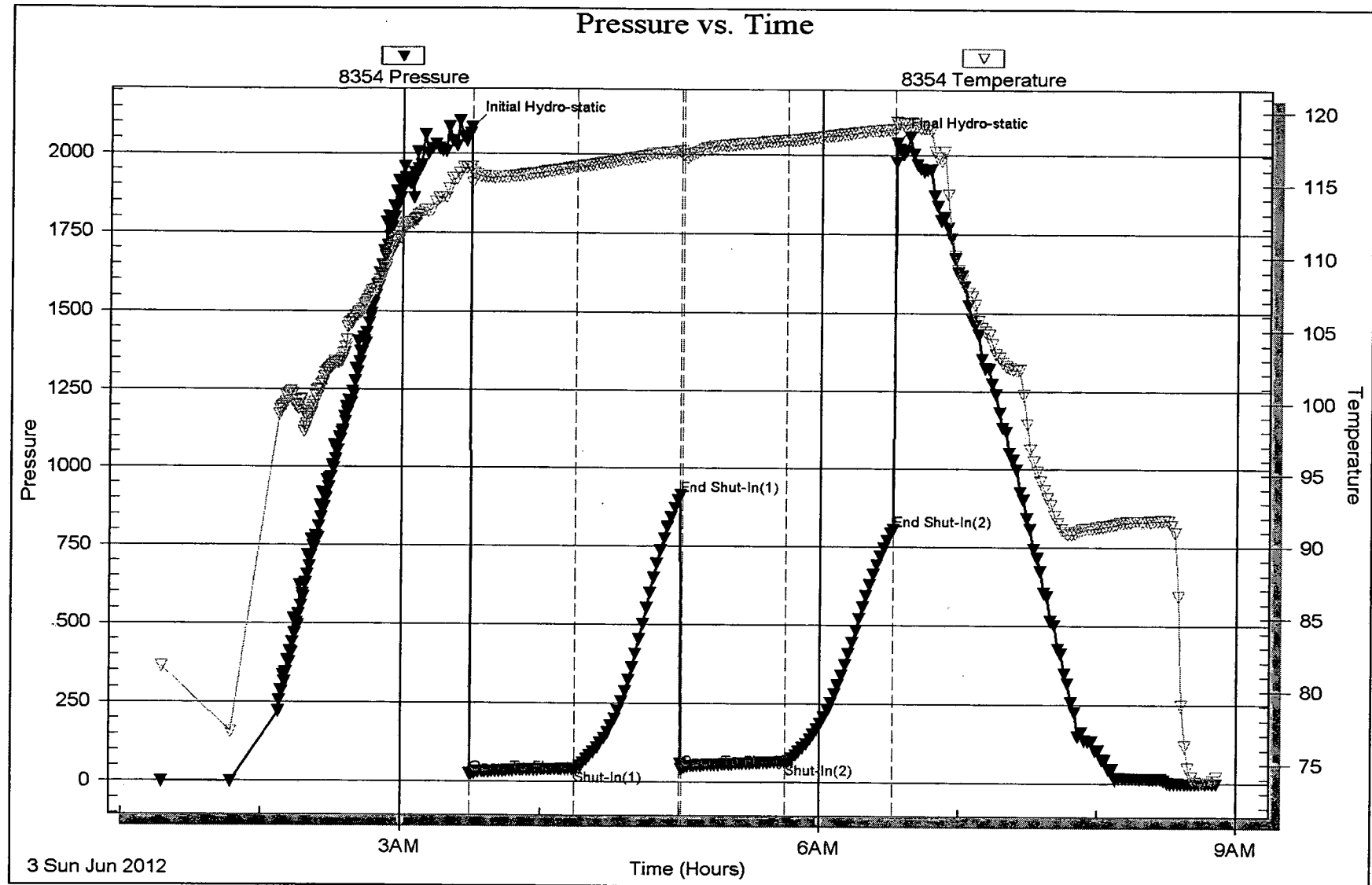
Recovery Comments:

Serial #: 8354

Inside American Warrior, Inc.

DLM#1-17

DST Test Number: 1

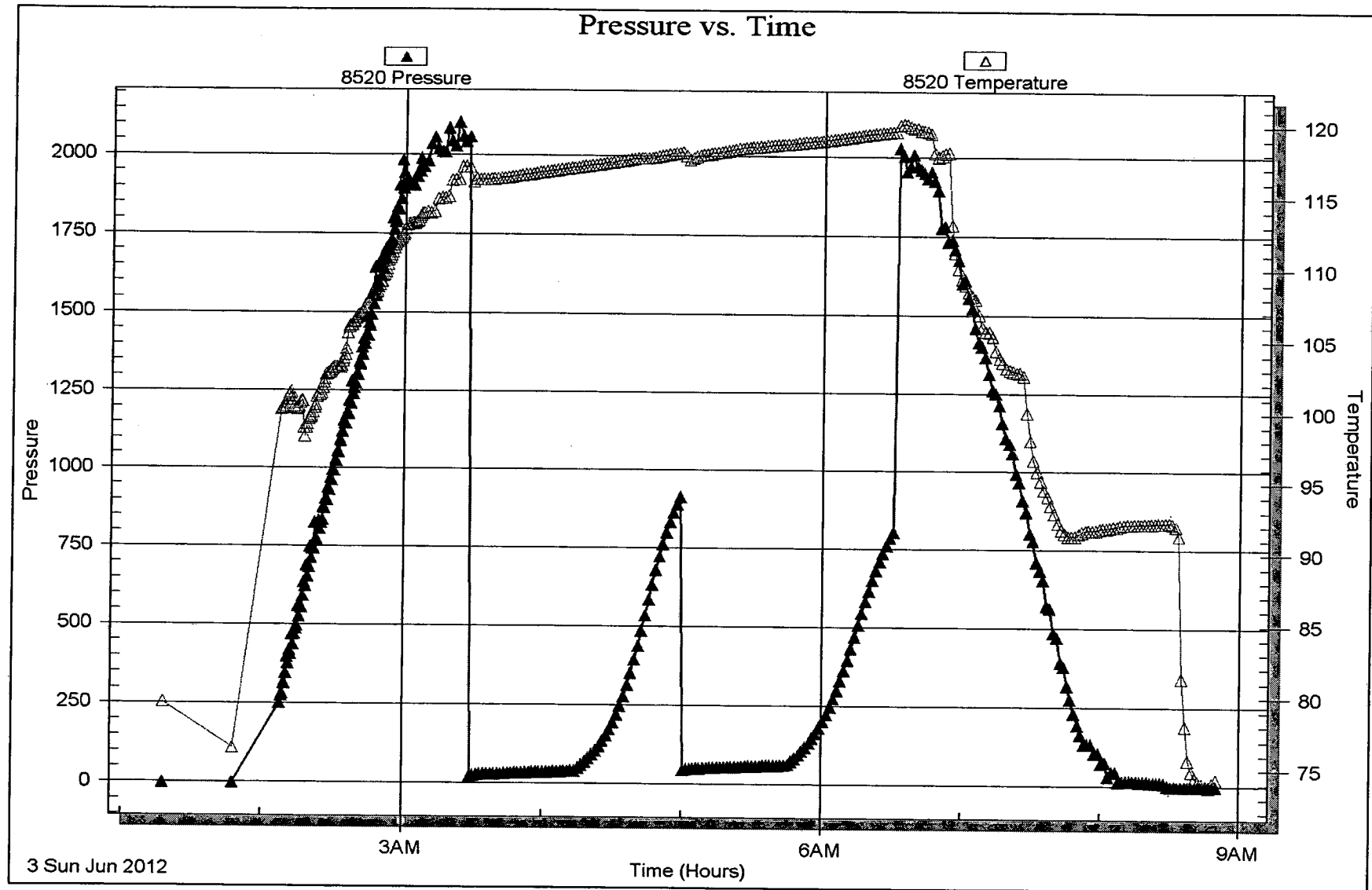


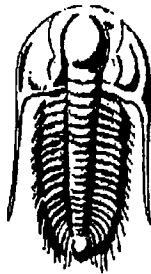
Serial #: 8520

Outside American Warrior, Inc.

DLM#1-17

DST Test Number: 1





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **American Warrior, Inc.**

PO Box 399
Garden City, Ks 67846

ATTN: Jason Alm

DLM #1-17

17-18s-22w Ness,KS

Start Date: 2012.06.04 @ 19:53:30

End Date: 2012.06.05 @ 01:39:30

Job Ticket #: 47247 DST #: 2

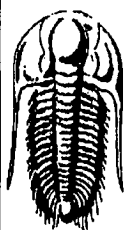
Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.06.06 @ 11:22:02

American Warrior, Inc. 17-18s-22w Ness,KS DLM #1-17 DST # 2 Cherokee Sand 2012.06.04



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

American Warrior, Inc.

17-18s-22w Ness, KS

PO Box 399
Garden City, Ks 67846

DLM #1-17

Job Ticket: 47247

DST#: 2

ATTN: Jason Alm

Test Start: 2012.06.04 @ 19:53:30

GENERAL INFORMATION:

Formation: **Cherokee Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:26:30

Time Test Ended: 01:39:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Rash

Unit No: 38

Interval: **4284.00 ft (KB) To 4335.00 ft (KB) (TVD)**

Total Depth: 4335.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2242.00 ft (KB)

2231.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: **8354** Inside

Press@RunDepth: 28.77 psig @ 4331.00 ft (KB)

Start Date: 2012.06.04 End Date: 2012.06.05

Start Time: 20:03:30 End Time: 01:39:30

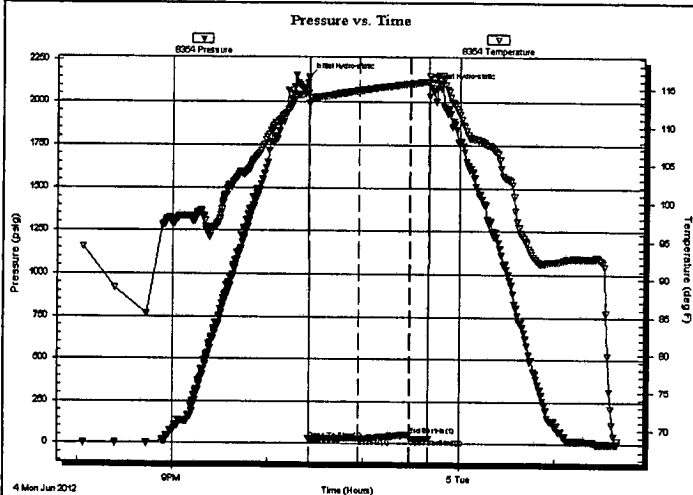
Capacity: 8000.00 psig

Last Calib.: 2012.06.05

Time On Btm: 2012.06.04 @ 22:25:30

Time Off Btm: 2012.06.04 @ 23:41:30

TEST COMMENT: IF-Weak surface blow . Died @ 5 minutes 30 seconds.
IS-No Return.
FF-No Blow . Pulled Tool.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2145.86	114.38	Initial Hydro-static
1	26.27	113.88	Open To Flow (1)
32	28.77	114.73	Shut-In(1)
63	54.46	115.65	End Shut-In(1)
64	28.72	115.65	Open To Flow (2)
75	29.49	115.93	Shut-In(2)
76	2092.44	116.57	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
8.00	2%Oil/98%Mud	0.04

Gas Rates

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



American Warrior, Inc.

ATTN: Jason Alm

DLM #1-17

Job Ticket: 47247

DST#: 2

Test Start: 2012.06.04 @ 19:53:30

Formation: Cherokee Sand

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:26:30

Time Test Ended: 01:39:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Rash

Unit No: 38

Interval: 4284.00 ft (KB) To 4335.00 ft (KB) (TVD)

Total Depth: 4335.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2242.00 ft (KB)

2231.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8520 Outside

Press@RunDepth: psig @ 4331.00 ft (KB)

Start Date: 2012.06.04

End Date:

2012.06.05

Capacity: 8000.00 psig

Last Calib.: 2012.06.05

Start Time: 20:03:45

End Time:

01:39:15

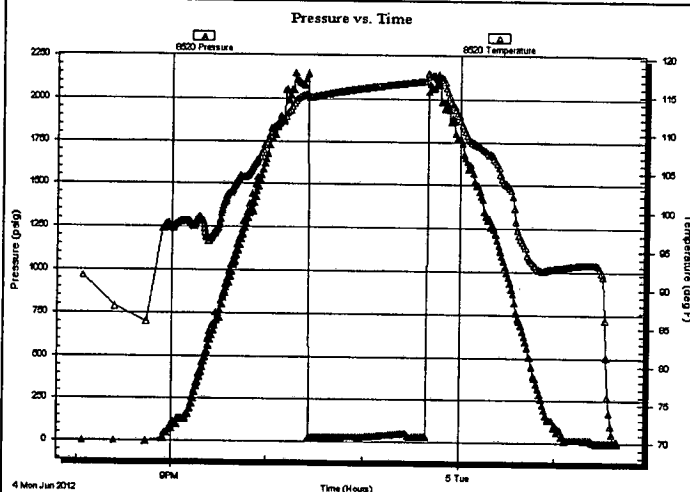
Time On Btm:

Time Off Btm:

TEST COMMENT: IF-Weak surface blow . Died @ 5 minutes 30 seconds.

ISI-No Return.

FF-No Blow , Pulled Tool.



PRESSURE SUMMARY

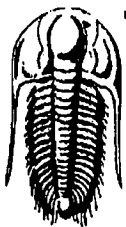
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
8.00	2%Oil/98%Mud	0.04

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior, Inc.

17-18s-22w Ness, KS

PO Box 399
Garden City, Ks 67846

DLM #1-17

Job Ticket: 47247

DST#: 2

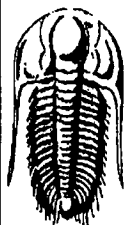
ATTN: Jason Alm

Test Start: 2012.06.04 @ 19:53:30

Tool Information

Drill Pipe:	Length: 4014.00 ft	Diameter: 3.80 inches	Volume: 56.31 bbl	Tool Weight: 3000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 269.00 ft	Diameter: 2.25 inches	Volume: 1.32 bbl	Weight to Pull Loose: 8000.00 lb
			Total Volume: 57.63 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 75000.00 lb
Depth to Top Packer:	4284.00 ft			Final 75000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	51.00 ft			
Tool Length:	79.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4257.00	
Shut In Tool	5.00			4262.00	
Hydraulic tool	5.00			4267.00	
Jars	5.00			4272.00	
Safety Joint	3.00			4275.00	
Packer	5.00			4280.00	28.00 Bottom Of Top Packer
Packer	4.00			4284.00	
Stubb	1.00			4285.00	
Perforations	13.00			4298.00	
Change Over Sub	1.00			4299.00	
Drill Pipe	31.00			4330.00	
Change Over Sub	1.00			4331.00	
Recorder	0.00	8354	Inside	4331.00	
Recorder	0.00	8520	Outside	4331.00	
Perforations	1.00			4332.00	
Bullnose	3.00			4335.00	51.00 Bottom Packers & Anchor
Total Tool Length:	79.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc.

17-18s-22w Ness, KS

PO Box 399
Garden City, Ks 67846

DLM #1-17

Job Ticket: 47247

DST#: 2

ATTN: Jason Alm

Test Start: 2012.06.04 @ 19:53:30

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.57 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5700.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
8.00	2% Oil/98% Mud	0.039

Total Length: 8.00 ft

Total Volume: 0.039 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

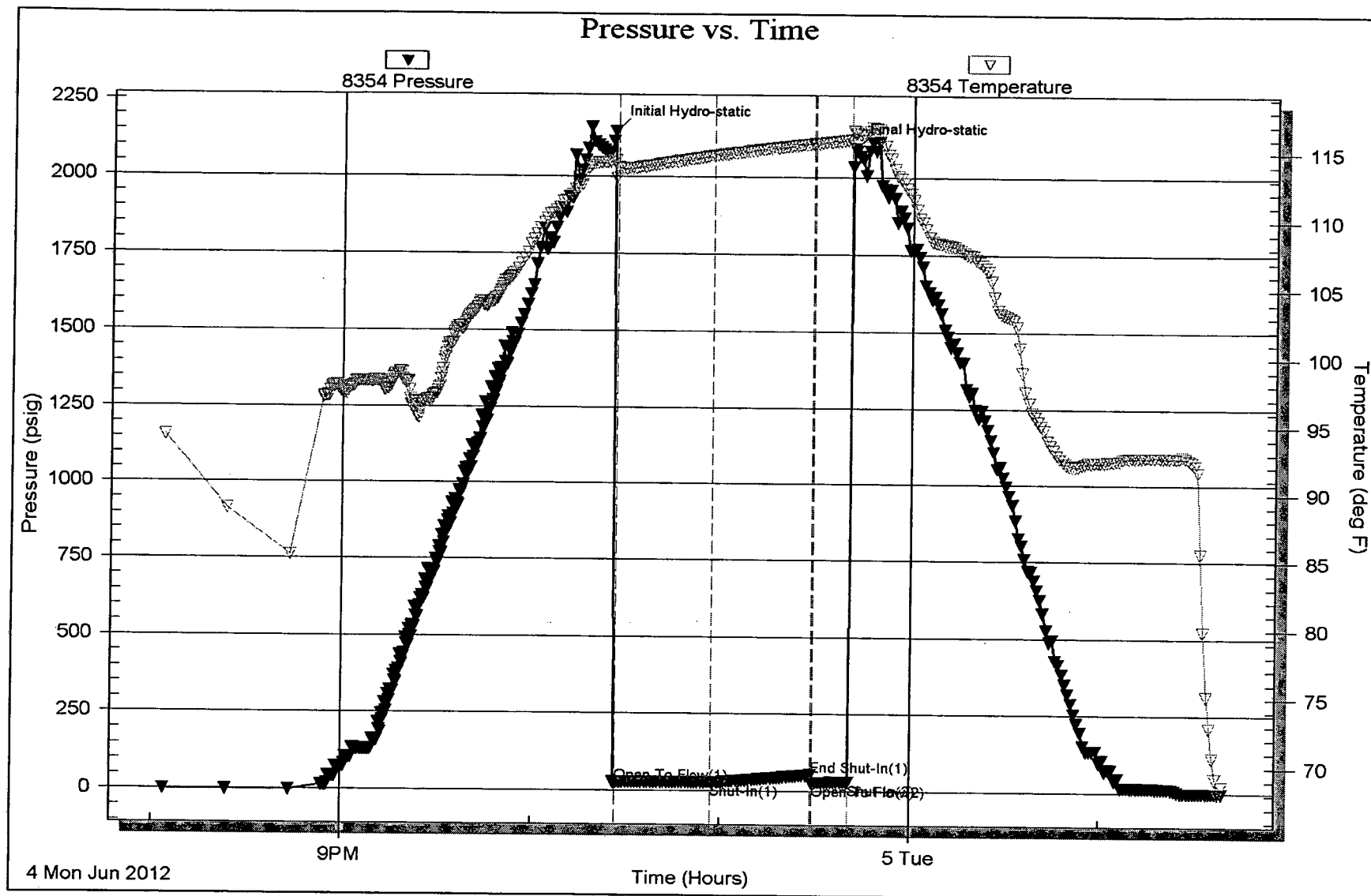
Recovery Comments:

Serial #: 8354

Inside American Warrior, Inc.

DLM#1-17

DST Test Number: 2

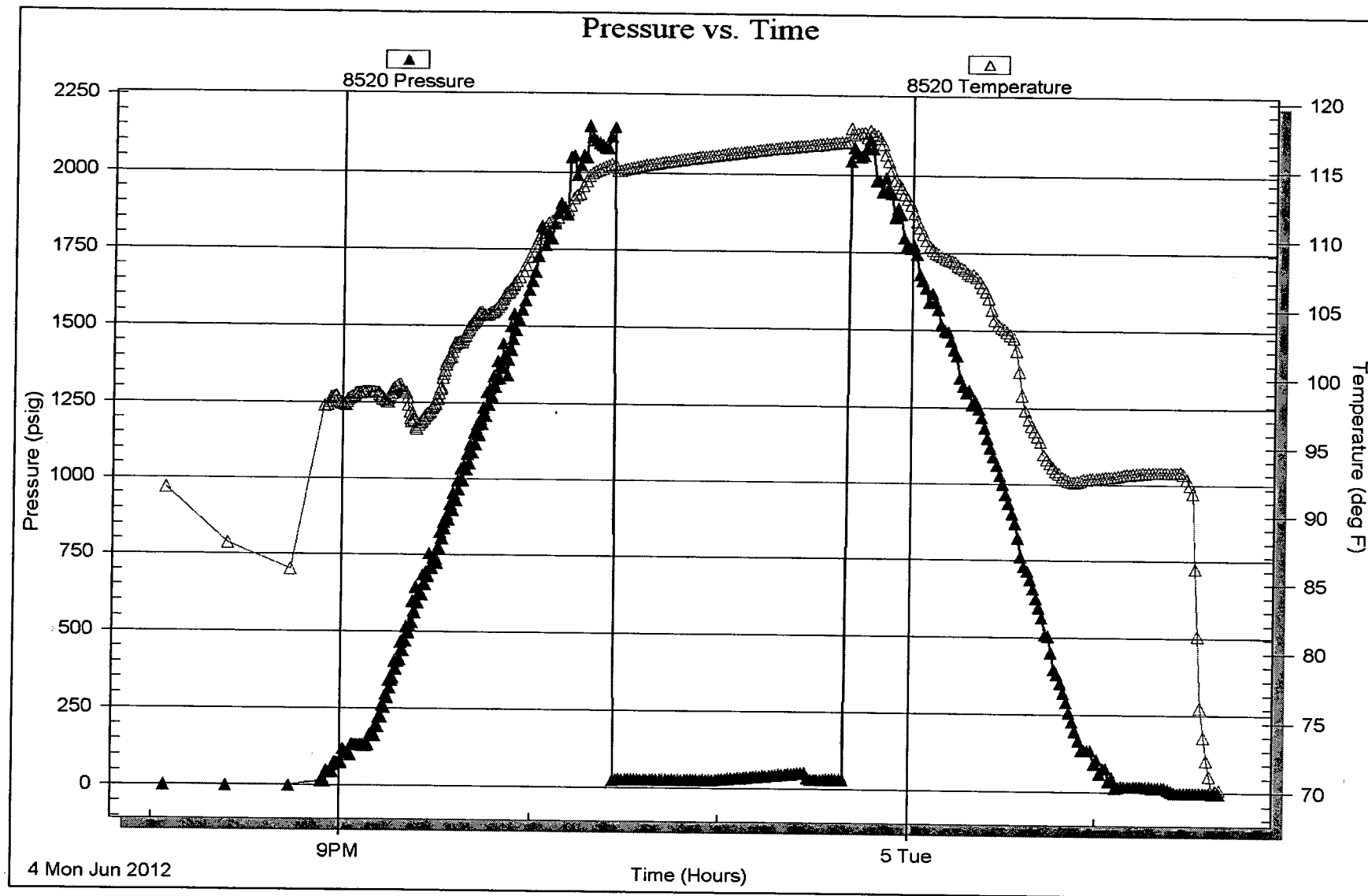


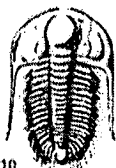
Serial #: 8520

Outside American Warrior, Inc.

DLM#1-17

DST Test Number: 2





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 47246

Well Name & No. DLM #1-17 Test No. 7 Date 6-3-12
 Company American Wamoa, Inc. Elevation 2242 KB 2231 GL
 Address P.O. Box 399 Garden City, KS 67846
 Co. Rep / Geo. Jason Alm Rig Duke #5
 Location: Sec. 17 Twp. 18S Rge. 22W Co. Ness State KS

Interval Tested 4190-4248 Zone Tested Fort Scott
 Anchor Length 58' Drill Pipe Run 3920 Mud Wt. 9.2
 Top Packer Depth 4185 Drill Collars Run 269.32 Vis 46
 Bottom Packer Depth 4190 Wt. Pipe Run 0 WL 9.2
 Total Depth 4248 Chlorides 4500 ppm System LCM Ta

Blow Description IF - Very weak building blow. BOB in 43 minutes.
ISI - No Return.
FF - Weak building blow. BOB in 23 minutes 30 seconds.
FST - No Return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>75</u>	<u>GOCM</u>	<u>50</u>	<u>20</u>	<u>30</u>	<u>0</u>
<u>60</u>	<u>GOCM</u>	<u>10</u>	<u>10</u>	<u>80</u>	<u>0</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of <u>417' G.I.P.</u>	%gas	%oil	%water	%mud

Rec Total 75 BHT Gravity API RW @ °F Chlorides ppm

(A) Initial Hydrostatic 2083
 (B) First Initial Flow 24
 (C) First Final Flow 41
 (D) Initial Shut-In 913
 (E) Second Initial Flow 41
 (F) Second Final Flow 64
 (G) Final Shut-In 805
 (H) Final Hydrostatic 2039

☒ Test
☒ Jars 250
☒ Safety Joint 75
☐ Circ Sub
☐ Hourly Standby
☒ Mileage 59X2 182.90
☐ Sampler
☐ Straddle
☐ Shale Packer
☐ Extra Packer
☐ Extra Recorder
☐ Day Standby
☐ Accessibility
 Sub Total 1757.90

T-On Location 2230
 T-Started 0115
 T-Open 0330
 T-Pulled 0630
 T-Out 0900
 Comments BWT-0107
☐ Ruined Shale Packer
☐ Ruined Packer
☐ Extra Copies
 Sub Total 0
 Total 1757.90
 MP/DST Disc't

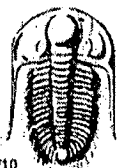
Initial Open 45
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 45

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.

D. Rash



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 47247

Well Name & No. DLM #1-17 Test No. 2 Date 6-4-12
 Company American Wellco, Inc. Elevation 2242 KB 2231 GL
 Address P.O. Box 399, Garden City, KS 67846
 Co. Rep / Geo. Jason Alm Rig Duke #5
 Location: Sec. 17 Twp. 18S Rge. 22W Co. Ness State KS

Interval Tested 4284-4335 Zone Tested Cherokee Sand
 Anchor Length 51 Drill Pipe Run 4014 Mud Wt. 9.3
 Top Packer Depth 4279 Drill Collars Run 269.32 Vis 55
 Bottom Packer Depth 4284 Wt. Pipe Run 0 WL 9.6
 Total Depth 4335 Chlorides 5700 ppm System LCM FM
 Blow Description IF-Weak surface blow. Died @ 5 minutes 30 seconds
IST-No Return.
FF-No Blow. Pulled Tool.

Rec <u>8</u>	Feet of <u>Mud w/oil Specs</u>	%gas <u>2</u>	%oil	%water <u>98</u>	%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 8 BHT Gravity API RW @ °F Chlorides ppm

- (A) Initial Hydrostatic 2146
 (B) First Initial Flow 26
 (C) First Final Flow 29
 (D) Initial Shut-In 54
 (E) Second Initial Flow 29
 (F) Second Final Flow
 (G) Final Shut-In
 (H) Final Hydrostatic 2092

- ☒ Test
☒ Jars 250
☒ Safety Joint 75
☐ Circ Sub
☐ Hourly Standby
☒ Mileage 59X2 182.90
☐ Sampler
☐ Straddle
☐ Shale Packer
☐ Extra Packer
☐ Extra Recorder
☐ Day Standby
☐ Accessibility
 Sub Total 1757.90

- T-On Location 1915
 T-Started 2030
 T-Open 2228
 T-Pulled 2340
 T-Out 0145
 Comments BOAT-1953

Initial Open 30
 Initial Shut-In 30
 Final Flow 10-Pulled
 Final Shut-In

- ☐ Ruined Shale Packer
☐ Ruined Packer
☐ Extra Copies
 Sub Total 0
 Total 1757.90

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.