



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc.**

PO Box 399
Garden City KS 67846

ATTN: Logan Walker

Blaes #4-6

6-15s-41w Wallace,KS

Start Date: 2014.07.21 @ 22:25:15

End Date: 2014.07.22 @ 07:32:00

Job Ticket #: 59104 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior Inc.
PO Box 399
Garden City KS 67846
ATTN: Logan Walker

6-15s-41w Wallace, KS

Blaes #4-6

Job Ticket: 59104 **DST#: 1**
Test Start: 2014.07.21 @ 22:25:15

GENERAL INFORMATION:

Formation: **Morrow Sand**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:52:15
Time Test Ended: 07:32:00
Interval: **4908.00 ft (KB) To 4985.00 ft (KB) (TVD)**
Total Depth: 4985.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Initial)
Tester: Mike Roberts
Unit No: 65
Reference Elevations: 3780.00 ft (KB)
3771.00 ft (CF)
KB to GR/CF: 9.00 ft

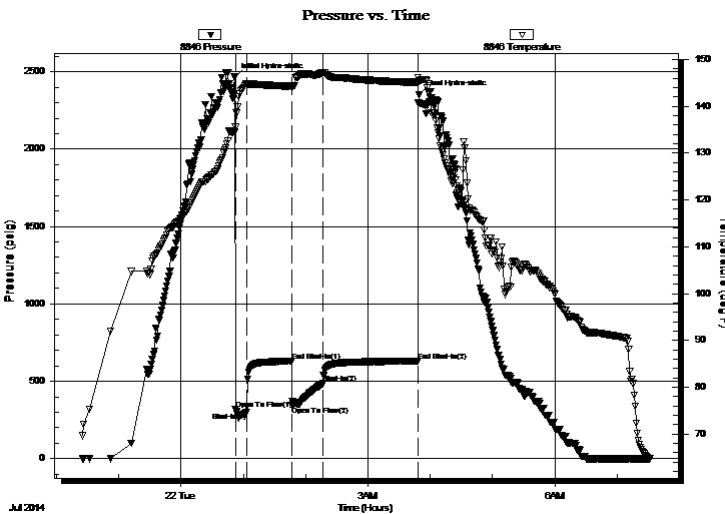
Serial #: 8846

Inside

Press@RunDepth: 485.54 psig @ 4910.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2014.07.21 End Date: 2014.07.22 Last Calib.: 2014.07.22
Start Time: 22:25:15 End Time: 07:32:00 Time On Btm: 2014.07.22 @ 00:51:45
Time Off Btm: 2014.07.22 @ 03:49:00

TEST COMMENT: IF:BOB in 1 min. GTS in 9 min.
IS:Bled off for 10 min. BOB in 3 min.
FF:BOB instantly GTS TSTM
FS:Bled off for 10 min. BOB in 4 min.

PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2464.04 | 134.50 | Initial Hydro-static |
| 1 | 320.48 | 135.56 | Open To Flow (1) |
| 12 | 300.68 | 144.85 | Shut-In(1) |
| 55 | 630.28 | 144.25 | End Shut-In(1) |
| 55 | 341.35 | 144.10 | Open To Flow (2) |
| 85 | 485.54 | 147.17 | Shut-In(2) |
| 177 | 629.82 | 145.14 | End Shut-In(2) |
| 178 | 2349.84 | 145.22 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|----------------------------|--------------|
| 0.00 | GIP= 3688 | 0.00 |
| 340.00 | gcm 4%g 96%m | 4.77 |
| 186.00 | w cgmo 10%w 15%g 25%m 50%o | 2.61 |
| 62.00 | w cog 30% w 30% o 40%g | 0.87 |
| 310.00 | mogw 10%m 10%o 20%g 60%w | 4.35 |
| 248.00 | mcow g 3%m 17%o 25%w 55%g | 3.48 |

Gas Rates

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



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TOOL DIAGRAM

American Warrior Inc.
PO Box 399
Garden City KS 67846
ATTN: Logan Walker

6-15s-41w Wallace,KS
Blaes #4-6
Job Ticket: 59104 **DST#: 1**
Test Start: 2014.07.21 @ 22:25:15

Tool Information

| | | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------|-------------|
| Drill Pipe: | Length: 4910.00 ft | Diameter: 3.80 inches | Volume: 68.87 bbl | Tool Weight: | 1500.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: 0.00 inches | Volume: 0.00 bbl | Weight set on Packer: | 25000.00 lb |
| Drill Collar: | Length: 0.00 ft | Diameter: 0.00 inches | Volume: 0.00 bbl | Weight to Pull Loose: | 80000.00 lb |
| | | | <u>Total Volume: 68.87 bbl</u> | Tool Chased | 0.00 ft |
| Drill Pipe Above KB: | 30.00 ft | | | String Weight: Initial | 64000.00 lb |
| Depth to Top Packer: | 4908.00 ft | | | Final | 65000.00 lb |
| Depth to Bottom Packer: | ft | | | | |
| Interval between Packers: | 77.00 ft | | | | |
| Tool Length: | 105.00 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 | | | 4881.00 | |
| Shut In Tool | 5.00 | | | 4886.00 | |
| Hydraulic tool | 5.00 | | | 4891.00 | |
| Jars | 5.00 | | | 4896.00 | |
| Safety Joint | 3.00 | | | 4899.00 | |
| Packer | 5.00 | | | 4904.00 | 28.00 Bottom Of Top Packer |
| Packer | 4.00 | | | 4908.00 | |
| Stubb | 1.00 | | | 4909.00 | |
| Perforations | 1.00 | | | 4910.00 | |
| Recorder | 0.00 | 8846 | Inside | 4910.00 | |
| Recorder | 0.00 | 8737 | Outside | 4910.00 | |
| Change Over Sub | 1.00 | | | 4911.00 | |
| Blank Spacing | 63.00 | | | 4974.00 | |
| Change Over Sub | 1.00 | | | 4975.00 | |
| Perforations | 5.00 | | | 4980.00 | |
| Bullnose | 5.00 | | | 4985.00 | 77.00 Bottom Packers & Anchor |
| Total Tool Length: | 105.00 | | | | |



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FLUID SUMMARY

American Warrior Inc.
PO Box 399
Garden City KS 67846
ATTN: Logan Walker

6-15s-41w Wallace,KS
Blaes #4-6
Job Ticket: 59104 **DST#: 1**
Test Start: 2014.07.21 @ 22:25:15

Mud and Cushion Information

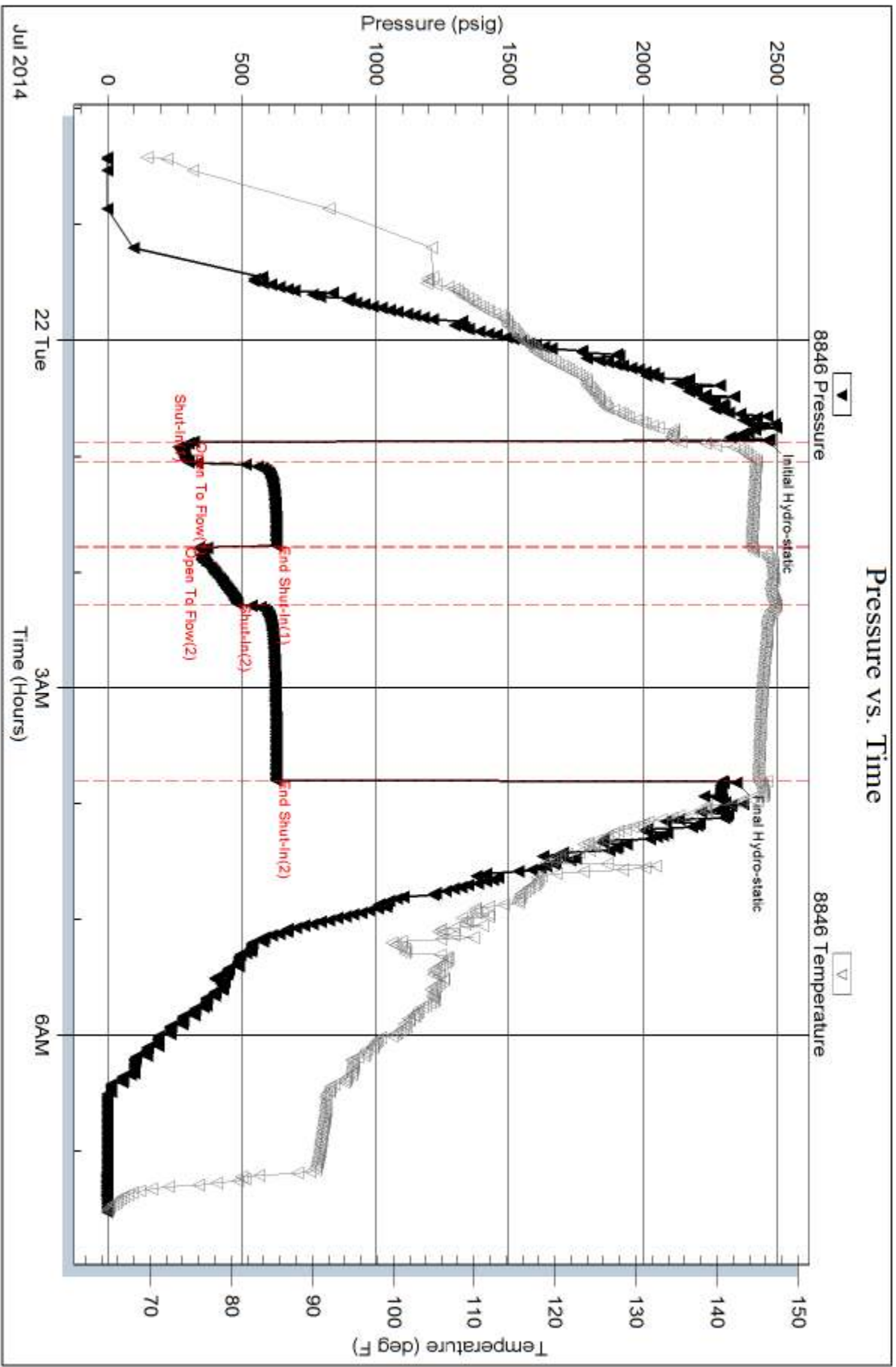
| | | |
|----------------------------------|----------------------------|---------------------------|
| Mud Type: Gel Chem | Cushion Type: | Oil API: 0 deg API |
| Mud Weight: 10.00 lb/gal | Cushion Length: ft | Water Salinity: 13000 ppm |
| Viscosity: 50.00 sec/qt | Cushion Volume: bbl | |
| Water Loss: 8.78 in ³ | Gas Cushion Type: | |
| Resistivity: 0.00 ohm.m | Gas Cushion Pressure: psig | |
| Salinity: 9000.00 ppm | | |
| Filter Cake: 1.00 inches | | |

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|---------------------------|---------------|
| 0.00 | GIP= 3688 | 0.000 |
| 340.00 | gcm 4%g 96%m | 4.769 |
| 186.00 | w cgm 10%w 15%g 25%m 50%o | 2.609 |
| 62.00 | w cog 30% w 30% o 40%g | 0.870 |
| 310.00 | mogw 10%m 10%o 20%g 60%w | 4.348 |
| 248.00 | mcow g 3%m 17%o 25%w 55%g | 3.479 |

Total Length: 1146.00 ft Total Volume: 16.075 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: RW= .561@ 64.4*= 13,000 ppm

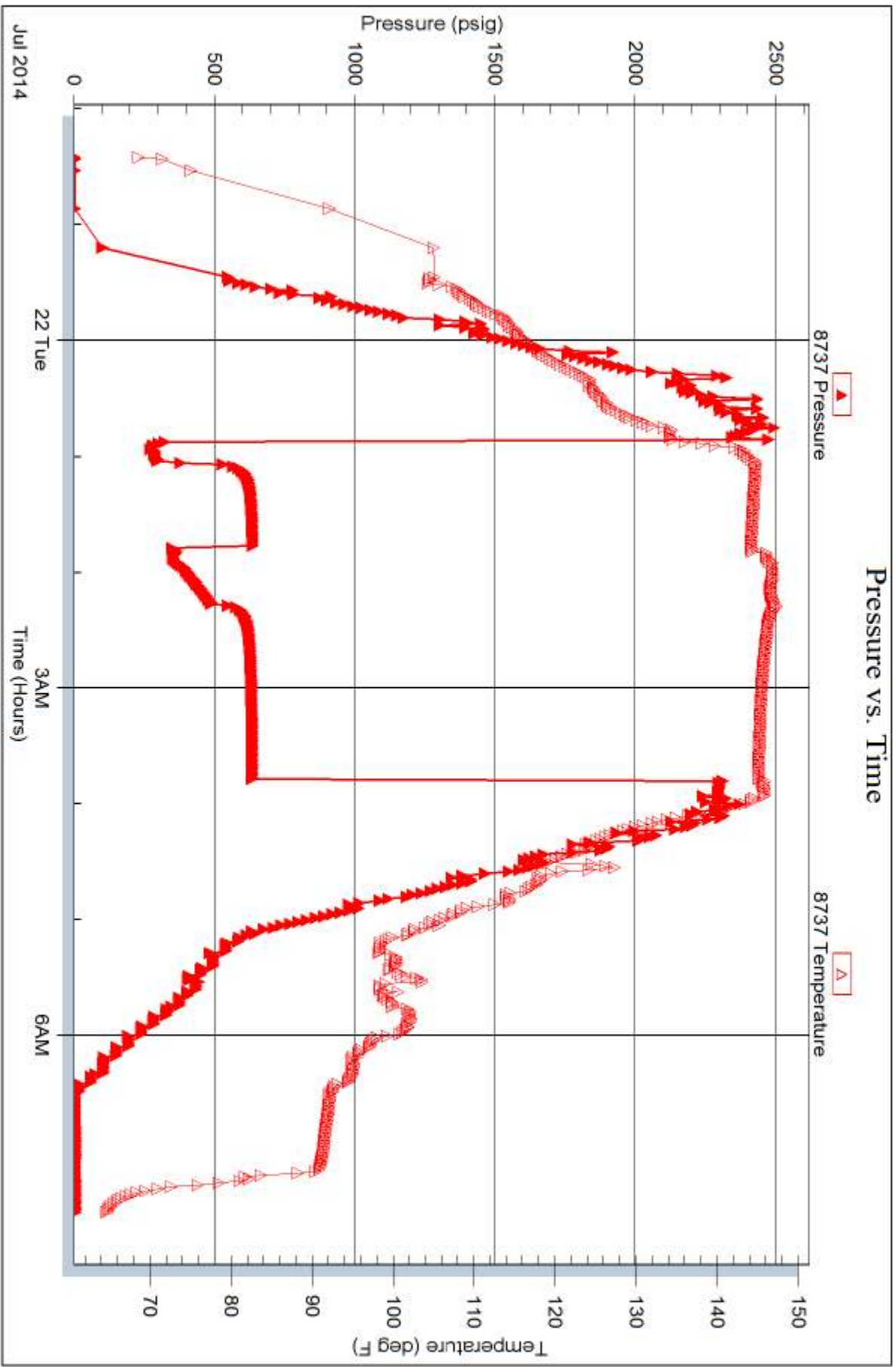


Serial #: 8737

Outside American Warrior Inc.

Blaes #4-6

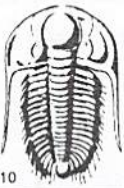
DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 59104

Printed: 2014.07.23 @ 08:50:15



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 59104

4/10

Well Name & No. ~~American~~ Blaes 4-6 Test No. 1 Date 7-21-14
 Company American Warrior Inc Elevation 3780 KB 3771 GL
 Address 3118 Lumming's Rd. P.O. Box 399 Garden City KS 67846
 Co. Rep / Geo. Logan Walker Rig Duke 4
 Location: Sec. 6 Twp. 15S Rge. 4/W Co. Wallace State KS

Interval Tested 4908-4985 Zone Tested Marrow Sand
 Anchor Length 77 Drill Pipe Run 4910 Mud Wt. ~~8.8~~ 10.4
 Top Packer Depth 4903 Drill Collars Run 0 Vis 50
 Bottom Packer Depth 4908 Wt. Pipe Run 0 WL 8.8
 Total Depth 4985 Chlorides 9000 ppm System LCM 3
 Blow Description IF: BOB in 1 Min GTS in 9 Min
IS: Bled off for 10 Min BOB in 3 Min
FF: BOB instantly GTS instantly TO Low to Gauge
FS: Bled off for 10 Min BOB in 4 Min GTS in 4 Min

| Rec | Feet of | %gas | %oil | %water | %mud |
|------|--------------------|------|------|--------|------|
| 340' | gcm | 4 | | 96 | |
| 186 | wcgm | 15 | 50 | 10 | 25 |
| 62 | wcog | 40 | 30 | 30 | |
| 310 | mogw | 20 | 10 | 60 | 10 |
| 248 | mc.owg - GIP=3688' | 55 | 17 | 25 | 3 |

Rec Total 1146 BHT 48 Gravity 0 API RW 561 @ 64.4° F Chlorides 13000 ppm

(A) Initial Hydrostatic 2464 Test 1250.00 T-On Location 22:00
 (B) First Initial Flow 320 Jars 250.00 T-Started 22:25
 (C) First Final Flow 300 Safety Joint 75.00 T-Open 12:51
 (D) Initial Shut-In 630 Circ Sub _____ T-Pulled 03:46
 (E) Second Initial Flow 341 Hourly Standby _____ T-Out 07:32
 (F) Second Final Flow 485 Mileage 250 RT Comments Motel
 (G) Final Shut-In 629 Sampler 158rt 489.80 Stay loaded tools 7:22 21:30
 (H) Final Hydrostatic 2349 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 2064.80
 Accessibility _____ MP/DST Disc't _____
 Sub Total 2064.80

Approved By Logan Walker Our Representative Nile Rohit

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