



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1246984
OIL & GAS CONSERVATION DIVISION

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 # _____

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
- Plug Back Conv. to GSW Conv. to Producer
- 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

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical 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

- Confidentiality Requested
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1246984

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

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 <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 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
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> 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 <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

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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	SNS 2-7
Doc ID	1246984

Tops

Name	Top	Datum
Anhydrite	1430	808
Heebner	3749	-1511
Lansing	3797	1559
Base Kansas City	4132	1894
Pawnee	4260	-2022
Ft. Scott	4286	-2048
Cherokee	4304	-2066
Mississippian	4370	-2132
TD	4381	-2143

ALLIED OIL & GAS SERVICES, LLC 065134

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT: Great Bend

Scott
7/23/15
785-398-2586

DATE <u>11-11-14</u>	SEC <u>7</u>	TWP <u>20</u>	RANGE <u>20</u>	CALLED OUT	ON LOCATION	JOB START <u>9:30 am</u>	JOB FINISH <u>10 am</u>
LEASE <u>SMS</u>	WELL # <u>2-7</u>	LOCATION <u>Alexander s to 4 rd - 2w</u>				COUNTY <u>Parmer</u>	STATE <u>Ks</u>
OLD OR NEW (Circle one) <u>NEW</u>			<u>Yes - Einto</u>				

CONTRACTOR <u>D'scovery 3</u>
TYPE OF JOB <u>Surface</u>
HOLE SIZE <u>12 1/4</u> T.D.
CASING SIZE <u>8 7/8</u> DEPTH <u>22057</u>
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG. <u>15 Ft</u>
PERFS.
DISPLACEMENT <u>13.09 bbl H2O</u>

OWNER
CEMENT
AMOUNT ORDERED <u>150 sk class A 3/4 cc 2 1/2 gal</u>
COMMON <u>150</u> @ <u>17.90</u> <u>2,685.00</u>
POZMIX @
GEL <u>282</u> @ <u>.50</u> <u>141.00</u>
CHLORIDE <u>423</u> @ <u>1.10</u> <u>465.30</u>
ASC <u>Materials Total</u> <u>3,291.30</u>
<u>Disc 20%</u> <u>658.26</u>
HANDLING <u>161.75</u> @ <u>2.48</u> <u>401.14</u>
MILEAGE <u>7.90 x 35 x</u> <u>2.75</u> <u>712.25</u>

EQUIPMENT
PUMP TRUCK CEMENTER <u>Josh Isaac 1</u>
<u>398</u> HELPER <u>Dan Casper 3</u>
BULK TRUCK
<u>609-239</u> DRIVER <u>Jose Tracheta (TWS)</u>
BULK TRUCK
DRIVER

REMARKS:

On location - big up - had safety meeting
run 8 7/8 casing - back circulation
pump 5 bbl H2O
mix 150 sk class A 3/4 cc 2 1/2 gal
displace 13.09 bbl H2O
slant in
cement did circulate
leg down

259.

DEPTH OF JOB
PUMP TRUCK CHARGE <u>1,572.25</u>
EXTRA FOOTAGE @
MILEAGE <u>Hum 35</u> @ <u>7.70</u> <u>268.50</u>
MANIFOLD @
<u>Hum 35</u> @ <u>4.40</u> <u>154.00</u>

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

TOTAL 3,097.14
Disc 20% 609.83

PLUG & FLOAT EQUIPMENT

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 GALEN GASCHLER
 SIGNATURE X Galen Gaschler

SALES TAX (If Any) <u>268.24</u>
TOTAL CHARGES <u>6,340.44</u>
DISCOUNT <u>20%</u> <u>1,268.02 (20/20/0)</u>
IF PAID IN 30 DAYS
TOTAL <u>5,072.35</u>



Services, Inc.

TICKET 28051

PAGE 1 OF 2

CHARGE TO: AMERICAN WARRIOR
 ADDRESS:
 CITY, STATE, ZIP CODE:

SERVICE LOCATIONS
 NESS CITY, KS

WELL/PROJECT NO.

LEASE

SNS 2-7

COUNTY/STATE

PAWNEE

STATE

KS

CITY
 BAZUME, KS

DATE

17 Nov 14

OWNER

TICKET TYPE
 SERVICE
 SALES

CONTRACTOR
 DISCOVERY DRILLING

RIG NAME/NO.
 #3

SHIPPED VIA

DELIVERED TO

WELL PERMIT NO.

ORDER NO.

WELL LOCATION
 4E 85 2E 45 E.T.O.

REFERRAL LOCATION

WELL TYPE
 OIL

WELL CATEGORY
 DEVELOPMENT

JOB PURPOSE
 STATION STRING

INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575					MILEAGE \$115	30	mi			6.00	180.00
578					PUMP CHARGE	1	hr			1500.00	1500.00
402					CENTRALIZERS	SEA.				70.00	350.00
403					CEMENT BASKETS	2	BA.			300.00	600.00
404					PORT COLLAR	1	EA.			2900.00	2900.00
406					LATCH DOWN PLUG & BAFFLE	1	EA.			275.00	275.00
407					INSERT FLOAT SHADE W/AUTIFILL	1	EA.			375.00	375.00
281					MUD FLUSH	500	gal			1.00	500.00
281					LIQUID KCL	2	gal			25.00	50.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

DATE SIGNED: 17 Nov 14
 TIME SIGNED: 1:00
 A.M.
 P.M.

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY
 OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?
 WE UNDERSTOOD AND MET YOUR NEEDS?
 OUR SERVICE WAS PERFORMED WITHOUT DELAY?
 WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?
 ARE YOU SATISFIED WITH OUR SERVICE?
 CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL: 6855.37
 TAX: 1168.63
 TOTAL: 8024.00

SWIFT OPERATOR: [Signature]
 CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES: [Signature]
 APPROVAL: [Signature]
 The customer hereby acknowledges receipt of the materials and services listed on this ticket.
 Thank You!



PO Box 466
 Ness City, KS 67560
 Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 28851

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	WELL SNUS 2-7				UNIT PRICE	AMOUNT
		LOG	ADJ	DR			QTY	U/M	QTY	U/M		

CUSTOMER AMERICAN SUPERIOR

DPT 11 Nov 14

PAGE 2 OF 2

276														
283														
284														
292														
290														

FLUCCIE

SALT

CALSEAL

HALAD-322

D-AIR

SD 165

900 165

8 5x

125 165

2 4x2

2.51 125.00

2.51 180.00

35.00 280.00

8.25 1000.00

4.12 84.00

325- STANDARD EA-2 175 5x 14.00 2537.50

581 SERVICE CHARGE 2.00 350.00

583 MILEAGE CHARGE TOTAL 195.25 1.00 274.87

CONTINUATION TOTAL 4831.37



Services, Inc.

CHARGE TO:

ADDRESS

American Veterans

TICKET 27998

CITY, STATE, ZIP CODE

PAGE 1 OF 1

1. SERVICE LOCATION Mud City KS	WELL/PROJECT NO. 2-7	LEASE SNS	COUNTY/PARISH Pawnee	STATE KS	CITY Bazine	DATE 1 Dec 14	OWNER
2. TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR	RIG NAME/NO.	SHIPPED W/T	DELIVERED TO Location	ORDER NO.	WELL LOCATION	
3. WELL TYPE 0-1	WELL CATEGORY Development	JOB PURPOSE cement port collar	WELL PERMIT NO.	WELL LOCATION 7-20-20			
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE	25	M			6.00	150.00
576D		1			Pump Charge	1	ea			1500.00	1500.00
330		1			SMD cement	125	kg			18.50	2312.50
276		1			Fluicel	50	lb			2.50	125.00
290		1			D-air	2	gal			42.00	84.00
581		1			Service charges	175	hr			2.00	350.00
583		1			Drayage	174	hr			1.00	174.00
104		1			Bit Collar Tool Rental	1	ea			250.00	250.00
102		1			Service, Rateable, Bridger Mustang	1	ea			52.00	52.00
											18

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY,** and **LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X DATE SIGNED Scott TIME SIGNED A.M. P.M.

REMIT PAYMENT TO:
SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?

WE UNDERSTOOD AND MET YOUR NEEDS?

OUR SERVICE WAS PERFORMED WITHOUT DELAY?

WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?

ARE YOU SATISFIED WITH OUR SERVICE? YES NO

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL **6512**

TOTAL **6512**

Pawnee TAX 8.15% **533**

6512

SWIFT OPERATOR ASB APPROVAL

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE DEC 14 PAGE NO. 1

CUSTOMER American Warrior WELL NO. 2-7 LEASE SNS JOB TYPE cement port collar TICKET NO. 27978

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								1750k SMD cement - 1/9" filler 2 3/4" port collar 140'
								RBP 3500'
	1430							on loc TRK 110
	1510		4			1000	1000	test to 1000psi - hold
								open port collar
	1521	4	2			300		inj rate 4 bpm @ 300psi
	1524	3				200		Mix SMD cement @ 1 1/2 ppg
		3	5			200		- fluid to surface -
	1549	3	65			400		— cement to surface — Stress sk limit 15 top + 5
								Displace w/ 5 bbl H ₂ O close port collar
	1600					1000	1000	test to 1000 psi - hold
	1605							Run 5 joints
	1610							circulate hole clean - 2 cement plugs -
	1620							Run down to plug - @ 3500'
	1705		27					use sand from plug
								Rack up
	1725							job complete Tanks Blair, Flint & Jazco

Geological Report

American Warrior, Inc.
SNS #2-7
2260' FSL & 600' FWL
Sec. 7 T20s R20w
Pawnee County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
SNS #2-7
2260' FSL & 600' FWL
Sec. 7 T20s R20w
Pawnee County, Kansas
API # 15-145-21780-0000

Drilling Contractor: Discovery Drilling Co. Inc. Rig #3

Geologist: Jason T Alm

Spud Date: November 11, 2014

Completion Date: November 17, 2014

Elevation: 2230' Ground Level
2238' Kelly Bushing

Directions: Bazine KS, 4 mi East on Hwy 96 to the HH Rd. 8
mi. South to 50 Rd. East 2 mi. to County Line Rd.
3/4 mi. South, East into location.

Casing: 221' 8 5/8" surface casing
4380' 5 1/2" production casing

Samples: 10' wet and dry, 4000' to RTD

Drilling Time: 3700' to RTD

Electric Logs: None

Drillstem Tests: One, Trilobite Testing, Inc. "Brennan Lonsdale"

Problems: Tool showed plugging action throughout DST #1

Remarks: Gas Detector was reading the gas lightly throughout
the well. Cold weather makes gas detection
difficult.

Formation Tops

	American Warrior, Inc. SNS #2-7 Sec. 7 T20s R20w 2260' FSL & 600' FWL
Formation	
Anhydrite	1430', +808
Base	1461', +777
Heebner	3749', -1511
Lansing	3797', -1559
BKc	4132', -1894
Pawnee	4260', -2022
Fort Scott	4286', -2048
Cherokee	4304', -2066
Mississippian	4370', -2132
RTD	4381', -2143

Sample Zone Descriptions

Mississippian Osage (4370', -2132): **Covered in DST #1**

Δ – Dolo – Fine sucrosic crystalline with fair inter-crystalline and vuggy porosity, very heavy triptolic chert, weathered with fair to good vuggy porosity, light to good oil stain and saturation, good show of free oil, good odor, fair to good yellow fluorescents, 10 units hotwire.

Drill Stem Tests

Trilobite Testing, Inc.
 “Brannan Lonsdale”

DST #1

Mississippian Osage

Interval (4371' – 4378') Anchor Length 7'

IHP	– 2190 #	
IFP	– 45” – Built to 3 ¼ in.	30-40 #
ISI	– 45” – Dead	1444 #
FFP	– 45” – Built to 3 ¼ in.	51-55 #
FSI	– 45” – Dead	1386 #
FHP	– 2171 #	
BHT	– 118°F	

Recovery: 15' Clean Oil
 80' SWMCO 55% Oil, 5% Water

Structural Comparison

	American Warrior, Inc. SNS #2-7 Sec. 7 T20s R20w 2260' FSL & 600' FWL	American Energies Corp. Smith A #1 Sec. 7 T20s R20w C NW SW		American Warrior, Inc. SNS #1-7 Sec. 7 T20s R20w 2310' FNL & 1700' FEL	
Formation					
Anhydrite	1430', +808	NA	NA	1437', +804	(+4)
Base	1461', +777	1460', +772	(+5)	1465', +776	(+1)
Heebner	3749', -1511	3744', -1512	(+1)	3755', -1514	(+3)
Lansing	3797', -1559	3793', -1561	(+2)	3806', -1565	(+6)
BKc	4132', -1894	4132', -1900	(+6)	4138', -1897	(+3)
Pawnee	4260', -2022	NA	NA	4266', -2025	(+3)
Fort Scott	4286', -2048	4285', -2053	(+5)	4296', -2055	(+7)
Cherokee	4304', -2066	4303', -2071	(+5)	4311', -2070	(+4)
Mississippian	4370', -2132	4362', -2130	(-2)	4375', -2134	(+2)

Summary

The location for the SNS #2-7 was found via 3-D seismic survey. The new well ran structurally as expected via the survey. One Drill Stem Test was conducted which recovered commercial amounts of oil from the Mississippian Osage Formation. After all gathered data had been examined the decision was made to run 5 ½ inch production casing to further evaluate the well.

Recommended Perforations

Mississippian Osage

(4370' – 4380')

DST #1

Respectfully Submitted,

Jason T Alm
Hard Rock Consulting, Inc.



DRILL STEM TEST REPORT

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

PO Box 399
Garden City, KS 67846

ATTN: Jason T Alm

SNS #2-7

7-20s-20w Pawnee,KS

Start Date: 2014.11.16 @ 19:49:25

End Date: 2014.11.17 @ 04:48:55

Job Ticket #: 58409 DST #: 1

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

Printed: 2014.11.17 @ 15:33:47



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior, Inc.
 PO Box 399
 Garden City, KS 67846
 ATTN: Jason T Alm

7-20s-20w Pawnee, KS

SNS #2-7

Job Ticket: 58409

DST#: 1

Test Start: 2014.11.16 @ 19:49:25

GENERAL INFORMATION:

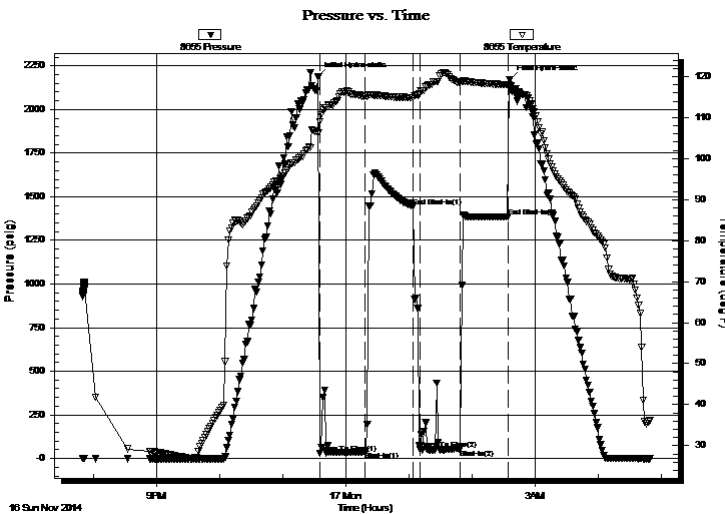
Formation: **Miss**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 23:34:55
 Time Test Ended: 04:48:55
 Interval: **4371.00 ft (KB) To 4378.00 ft (KB) (TVD)**
 Total Depth: 4378.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Brannan Lonsdale
 Unit No: 62
 Reference Elevations: 2238.00 ft (KB)
 2230.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8655 Outside

Press@RunDepth: 55.32 psig @ 4372.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.11.16 End Date: 2014.11.17 Last Calib.: 2014.11.17
 Start Time: 19:49:26 End Time: 04:48:55 Time On Btm: 2014.11.16 @ 23:33:25
 Time Off Btm: 2014.11.17 @ 02:35:25

TEST COMMENT: 45- IF- Slow ly built to 3 1/4"
 45- IS- No blow
 45- FF- Slow ly built to 3 1/4"
 45- FS- No blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2190.47	106.24	Initial Hydro-static
2	30.32	109.02	Open To Flow (1)
45	40.13	115.27	Shut-In(1)
91	1444.15	114.91	End Shut-In(1)
97	51.63	115.81	Open To Flow (2)
135	55.32	118.53	Shut-In(2)
181	1386.09	117.97	End Shut-In(2)
182	2171.47	117.16	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
80.00	SWMCO, 5%W 40%M 55%O	0.82
15.00	CO	0.20

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

American Warrior, Inc.

7-20s-20w Pawnee,KS

PO Box 399
Garden City, KS 67846

SNS #2-7

ATTN: Jason T Alm

Job Ticket: 58409

DST#: 1

Test Start: 2014.11.16 @ 19:49:25

GENERAL INFORMATION:

Formation: **Miss**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 23:34:55
 Time Test Ended: 04:48:55
Interval: 4371.00 ft (KB) To 4378.00 ft (KB) (TVD)
 Total Depth: 4378.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Brannan Lonsdale
 Unit No: 62
 Reference Elevations: 2238.00 ft (KB)
 2230.00 ft (CF)
 KB to GR/CF: 8.00 ft

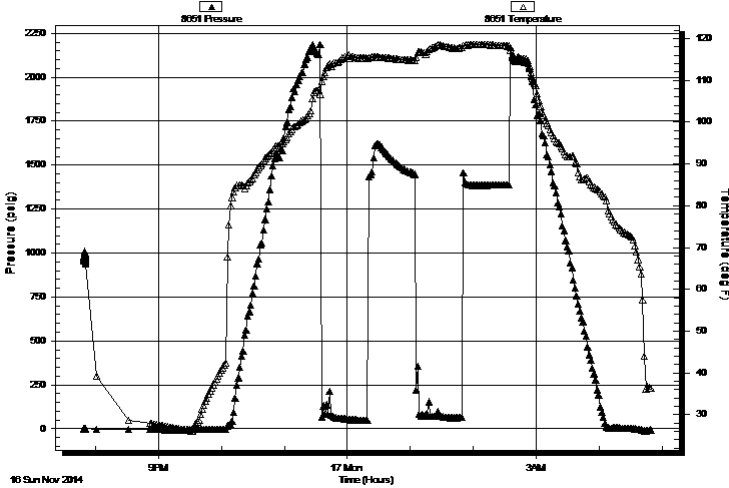
Serial #: 8651

Inside

Press@RunDepth: psig @ 4372.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.11.16 End Date: 2014.11.17 Last Calib.: 2014.11.17
 Start Time: 19:48:35 End Time: 04:50:04 Time On Btm:
 Time Off Btm:

TEST COMMENT: 45- IF- Slow ly built to 3 1/4"
 45- IS- No blow
 45- FF- Slow ly built to 3 1/4"
 45- FS- No blow

Pressure vs. Time



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
80.00	SWMCO, 5%W 40%M 55%O	0.82
15.00	CO	0.20

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior, Inc.

7-20s-20w Pawnee,KS

PO Box 399
Garden City, KS 67846

SNS #2-7

Job Ticket: 58409

DST#: 1

ATTN: Jason T Alm

Test Start: 2014.11.16 @ 19:49:25

Tool Information

Drill Pipe:	Length: 4343.00 ft	Diameter: 3.75 inches	Volume: 59.33 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: inches	Volume: - bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 31.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 68000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased 2.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 59000.00 lb
Depth to Top Packer:	4371.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	7.00 ft			
Tool Length:	34.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4345.00	
Shut In Tool	5.00			4350.00	
Hydraulic tool	5.00			4355.00	
Jars	5.00			4360.00	
Safety Joint	2.00			4362.00	
Packer	5.00			4367.00	27.00 Bottom Of Top Packer
Packer	4.00			4371.00	
Stubb	1.00			4372.00	
Recorder	0.00	8651	Inside	4372.00	
Recorder	0.00	8655	Outside	4372.00	
Perforations	3.00			4375.00	
Bullnose	3.00			4378.00	7.00 Bottom Packers & Anchor

Total Tool Length: 34.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc.

7-20s-20w Pawnee,KS

PO Box 399
Garden City, KS 67846

SNS #2-7

Job Ticket: 58409

DST#: 1

ATTN: Jason T Alm

Test Start: 2014.11.16 @ 19:49:25

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: 56.00 sec/qt

Cushion Volume: bbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure: psig

Salinity: 4200.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
80.00	SWMCO, 5%W 40%M 55%O	0.822
15.00	CO	0.205

Total Length: 95.00 ft Total Volume: 1.027 bbl

Num Fluid Samples: 0

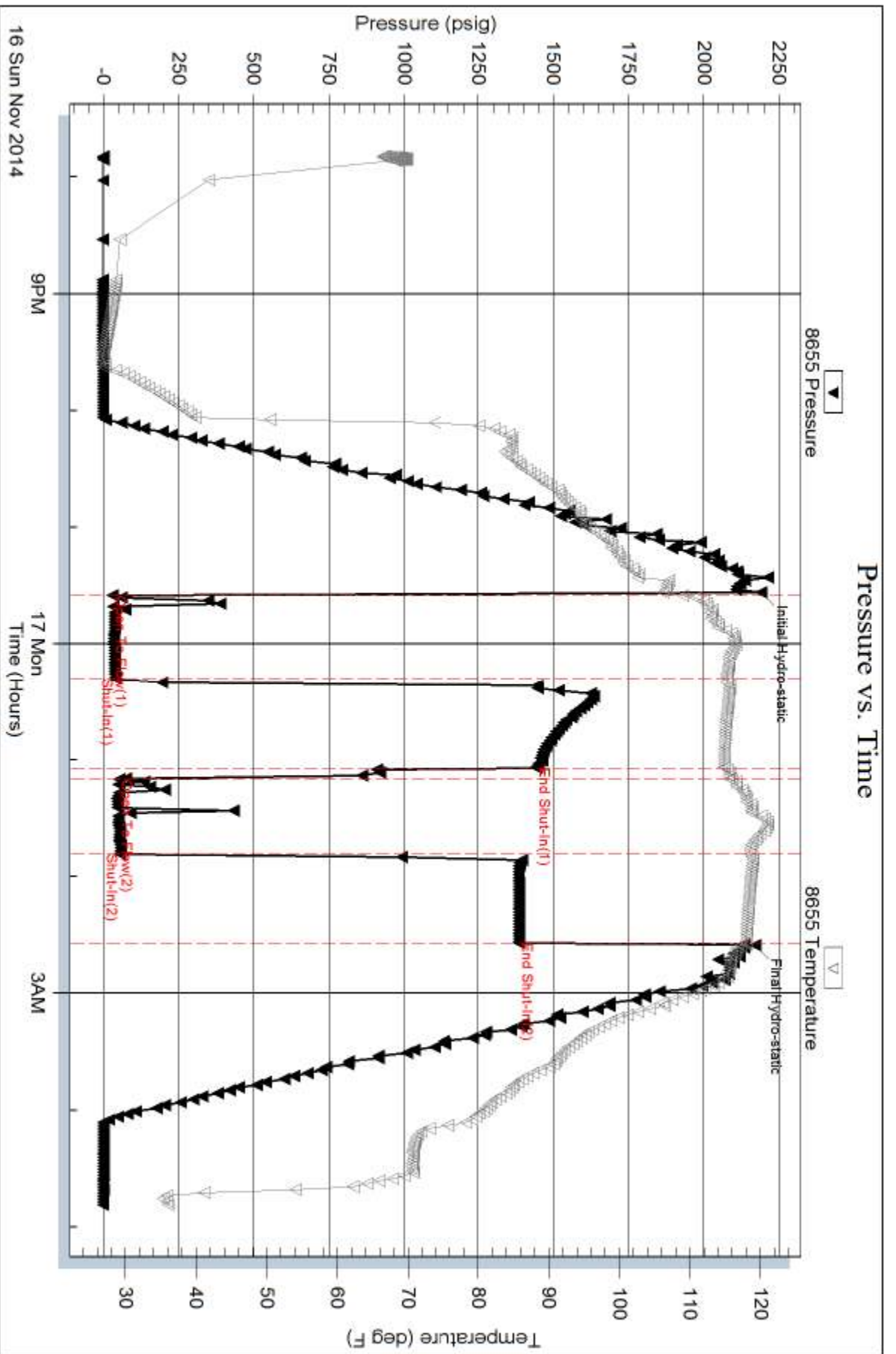
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



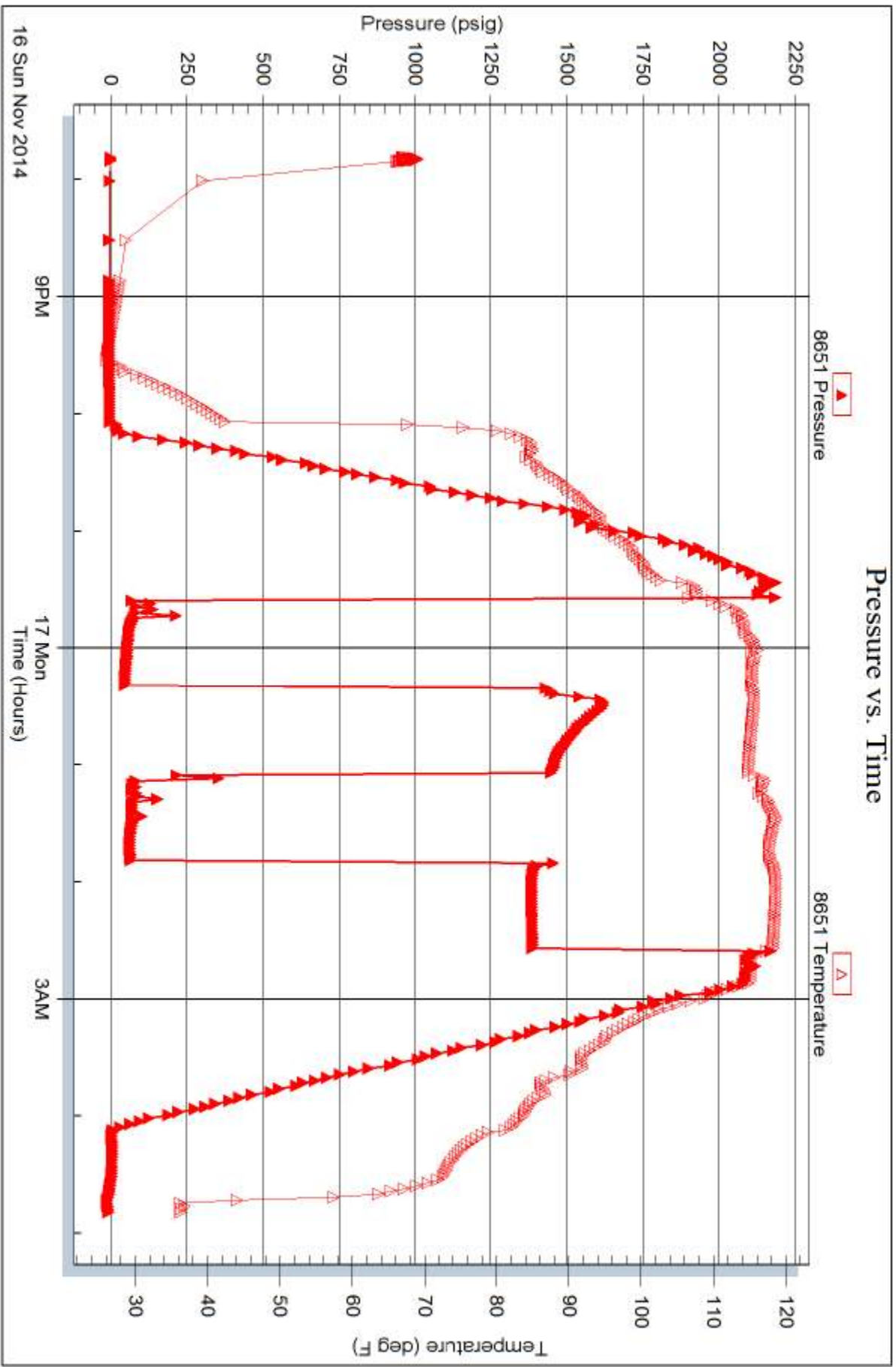
Serial #: 8651

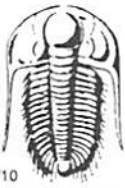
Inside

American Warrior, Inc.

SNS #2-7

DST Test Number: 1





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 58409

Well Name & No. SNS #2-7 Test No. 1 Date 11/16/14
 Company America Warriors, Inc Elevation 2238 KB 2230 GL
 Address 3118 Cummings Rd. PO Box 399 Garden City, KS 67846
 Co. Rep / Geo. Jason T Alm Rig Discovery #3
 Location: Sec. 7 Twp. 20 S Rge. 20 W Co. Pawnee State KS

Interval Tested 4371~4378 Zone Tested M135
 Anchor Length 7' Drill Pipe Run 4343 Mud Wt. 9.2
 Top Packer Depth 4366 Drill Collars Run 31 Vis 56
 Bottom Packer Depth 4371 Wt. Pipe Run --- WL 7.2
 Total Depth 4378 Chlorides 4,200 ppm System LCM 1#
 Blow Description IF - Slowly built to 3 1/4"
PSI - No blow
RF - Slowly built to 3 1/4"
BSI - No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>80</u>	<u>SWACO</u>	<u>55</u>	<u>5</u>	<u>5</u>	<u>40</u>
<u>15'</u>	<u>CO</u>				

Rec Total 95' BHT 118° Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>2190</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>1933</u>
(B) First Initial Flow <u>30</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>1949</u>
(C) First Final Flow <u>40</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>2334</u>
(D) Initial Shut-In <u>1444</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>0234 11/17</u>
(E) Second Initial Flow <u>52</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>0450</u>
(F) Second Final Flow <u>55</u>	<input checked="" type="checkbox"/> Mileage <u>112 RT</u> 173.60	Comments _____
(G) Final Shut-In <u>1386</u>	<input type="checkbox"/> Sampler _____	
(H) Final Hydrostatic <u>2171</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Shale Packer _____
	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Packer _____
Initial Open <u>45</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Extra Copies _____
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Recorder _____	Sub Total <u>0</u>
Final Flow <u>45</u>	<input type="checkbox"/> Day Standby _____	Total <u>1748.60</u>
Final Shut-In <u>45</u>	<input type="checkbox"/> Accessibility _____	MP/DST Disc't _____
	Sub Total <u>1748.60</u>	

Approved By _____ Our Representative Brannan Lonsdale

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