

KANSAS CORPORATION COMMISSION 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	API No. 15 - 159-22-646
Name: American Warrior, Inc	Spot Description: NW-SE-SW-NW
Address 1: P O BOX 399	NW_SE_SW_NW_Sec. 18 Twp. 19 S. R. 9 ☐ East West
Address 2:	2,307 Feet from V North / South Line of Section
City: Garden City State: KS Zip: 67846 +	813 Feet from ☐ East / ☑ West Line of Section
Contact Person: Kevin Wiles, Sr	Footages Calculated from Nearest Outside Section Corner:
Phone: (620) 275-2963	□ NE □ NW ☑ SE □ SW
CONTRACTOR: License #5929	County: Rice
Name:Duke Drilling Co	Lease Name: Buckley Well #: 7-18
Wellsite Geologist: Bruce B Ard	Field Name: Chase-Silica
Purchaser: N/A	Producing Formation: Arbuckle
Designate Type of Completion:	Elevation: Ground: 1744' Kelly Bushing: 1752'
✓ New Well Re-Entry Workover	Total Depth: 3400' Plug Back Total Depth: 3372'
☐ Oil ☐ WSW ☐ SWD ☐ SIOW	Amount of Surface Pipe Set and Cemented at: 343 Feet
☐ Gas ☐ D&A ☐ ENHR ☐ SIGW	Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
☐ OG ☐ GSW ☐ Temp. Abd.	If yes, show depth set: Feet
CM (Coal Bed Methane)	If Alternate II completion, cement circulated from:
Cathodic Other (Core, Expl., etc.):	feet depth to:w/sx cmt.
If Workover/Re-entry: Old Well Info as follows:	icer deput to.
Operator:	
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:	Chloride content; 20,050 ppm Fluid volume: 97 bbls
☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD	
Conv. to GSW	Dewatering method used: EVAPORATION
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Operator Name:
SWD Permit #:	Quarter Sec
ENHR Permit #:	Country Sec. MATP 20 101.
GSW Permit #:	County: Permit#:
4/6/11 4/11/11 5/16/11	•••
Spud Date or Date Reached TD Completion Date or Recompletion Date	
Kansas 67202, within 120 days of the spud date, recompletion, workover or or of side two of this form will be held confidential for a period of 12 months if rec	the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, onversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information quested in writing and submitted with the form (see rule 82-3-107 for confidenell report shall be attached with this form. ALL CEMENTING TICKETS MUST rm with all temporarily abandoned wells.
	NCC Office Use ONLY FORM

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.

Signature: Hill Life	
Title. Geologist	Date: 5/23/11
I III D. CCC.CG.CC	Dale: C. To

KCC Office U	se ONLYKECEIVED
Letter of Confidentiality Received Date: 525/11 - 52	513 MAY 25 2018
Confidential Release Date:	, ,,
Wireline Log Received Geologist Report Received	KCC WICHITA
UIC Distribution ALT I I II III Approved by:	W Date: 5-31-1
- ··	•

Side Two

Operator Name: Am	<u>erican Warrior, In</u>	С		Lease N	vame:	Buckley		Well #: 7-1	18	
Sec. 18 Twp.19	s. r. <u>9</u>	☐ East	✓ West	County	Rice					
INSTRUCTIONS: Shi time tool open and clo recovery, and flow rate line Logs surveyed. A	sed, flowing and shues if gas to surface te	t-in pressu st, along v	ures, whether si vith final chart(s	hut-in press	sure read	ched static level,	hydrostatic pre	essures, bottom h	iole temp	erature, fluid
Drill Stem Tests Taken (Attach Additional S		∠ Ye	es No		VL	og Formation	n (Top), Depth	and Datum		Sample
,	,		a ZNa		Nam	e		Тор	_	Datum
Samples Sent to Geol	ogical Survey	∐ Ye			Stone			401'		1351
Cores Taken Electric Log Run		Y			Toront			2802'	-	050
Electric Log Submitted	-		s No		Lansir	-		2930'	-	178
(If no, Submit Copy)					Kansas City		3226'	·	474
List All E. Logs Run:					"	omerate		3250'	-	498
DIL, DC/PL, M	IIL				Arbuc	kle		3270'		518
					LTD			3400'	-1	648
		Pone		RECORD	vface inte	ewUsed ermediate, producti	ion etc			
Purpose of String	Size Hale	Siz	e Casing	Weig	ght	Setting	Type of	# Sacks		and Percent
T dipos di danig	Drilled	Se	(In O.D.)	Lbs./	Ft.	Depth	Cement	Used	A	dditives
Surface	12-1/4"	8-5/8"		24#		343'	Class A	250	3%cc2	%gel
Production	8-7/8"	5-1/2"		15.5#		3398'	EA2	150	Flocele	3
			ADDITIONAL	CEMENTIN	NG / SQL	JEEZE RECORD	A		·	
Purpose:	Depth Top Bottom	Туре	of Cement	# Sacks				d Percent Additives	i	
Protect Casing									•	
Plug Back TD Plug Off Zone										
Shots Per Foot			RD - Bridge Plug Each Interval Per			,	cture, Shot, Cem mount and Kind of	ent Squeeze Recor Material Used)	ď	Depth
4	3274'-3280'					None	c 1	Al		
					CONFIDENTIAL					
						MA	Y 2 5 2013			
							KCC		RECEI	/En
						-	160 -	âA	120	'EU
								1414	11 25	2011
TUBING RECORD:	Size: 2-3/8"	Set At: 3365'		Packer A	t:	Liner Run:	Yes 🗸	No KCC	WIC	2011 HITA
Date of First, Resumed N/A	Production, SWD or EN	HR.	Producing Meta	hod: Pumpin	g 🗆	Gas Lift 🔲 C	Other (Explain)			
Estimated Production Per 24 Hours	Oil N/A	Bbls.	Gas N/A	Mcf	Wat	er B N/A	bis.	Gas-Oil Ratio		Gravity 40.0
DISPOSITION	ON OF GAS:	_		METHOD OF	g-anti-dag			PRODUCTION	ON INTER	VAL:
Vented Sold	<u>—</u>		Open Hole	✓ Perf.	U Dually (Submit)		mmingled mit ACO-4)	3274'-3280'		
(If vented, Sui	bmit ACO-18.)		Other (Specify) _							<u></u>

ALLIED CEMENTING CO., LLC. 038787

REMIT TO P.O. BOX 31

SERVICE POINT: RUSSELL, KANSAS 67665 Great Bond W TWP. RANGE CALLED OUT ON LOCATION JOB START JOB FINISH DATE 4-6-11 9 ~ 195 3:00PM COUNTY LEASE BUCKIES WELL# 7-18 LOCATION Chase us This + To 7 RD لاندو OLD OR NEW (Circle one) - 31 No-th Eastings CONTRACTOR Dave OWNER American warrig TYPE OF JOB Surface HOLE SIZE 12さ **CEMENT** T.D. AMOUNT ORDERED 25054 Class & 3% (CASING SIZE 85 **DEPTH 343 TUBING SIZE DEPTH** +2% Ge1 **DRILL PIPE DEPTH** TOOL **DEPTH** @16.25 4.062. 250 PSI PRES. MAX 250 **MINIMUM** COMMON_ SHOE JOINT 15F4 **MEAS. LINE POZMIX** CEMENT LEFT IN CSG. @ 21.25 **GEL** 9 @ 58.20 523. PERFS. **CHLORIDE** DISPLACEMENT 20 4 BBLS FRESH WOTER **EQUIPMENT** @ PUMP TRUCK CEMENTER - - D @ # 366 HELPER G-ex. David.w **@ BULK TRUCK** @ DRIVER Keula - w # 341 @ **BULK TRUCK** @ DRIVER HANDLING 364 871.20 MILEAGE 26 4x 30 x 1 TOTAL <u>6.157.</u> 75 **REMARKS:** am Bottom Break Ci-culation with Rigmuch **SERVICE** SPacer Mix 250 3x Class A 3% + C+ 2% Ge DEPTH OF JOB 343 Displace 2024 BBLS 1125.00 elegge Plug **PUMP TRUCK CHARGE** esh water. EXTRA FOOTAGE 43 @ • *55* MILEAGE 65 @ 7.00 hwood sil MANIFOLD _ **(a**) @ <u>4.</u>00 Want Touck Mileger CHARGE TO: AMENICAN WAVY'O' RECEIVED TOTAL 1.825. 85 STREET ____ MAY 25 2011 STATEONFIDENTIAL KCC WICHIPAUG & FLOAT EQUIPMENT MAY 2 5 2013 KCC WOODER-1709 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 TOTAL _53.00 done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL SALES TAX (If Any). TERMS AND CONDITIONS" listed on the reverse side. TOTAL CHARGES

DISCOUNT 5

IF PAID IN 30 DAYS

GENERAL TERMS AND CONDITIONS

DEFINITIONS: In these terms and conditions, "ALLIED" shall mean Allied Cementing Co., LLC, and "CUSTOMER" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "Merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract. . . .

-TERMS: Unless satisfactory credit has been established, CUSTOMER must tender full cash payment to ALLIED before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, CUSTOMER agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithsfanding the foregoing, in no event shall this Contract provide for interest exceeding the maximum rate of interest that CUSTOMER may agree to pay under applicable law. If any such interest should be provided for it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the CUSTOMER or at the option of ALLIED, refunded directly to CUSTOMER. For purposes of this paragraph, ALLIED and CUSTOMER agree that Kansas law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

ATTORNEY FEES: In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the terms of this Contract, the prevailing party shall be entitled to recover all expenses, including,

.but not limited to, a reasonable sum as and for attorney's fees.

PRIGES AND TAXES: All merchandise listed in ALLIED'S current price schedule are F.O.B. ALLIED'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by ALLIED shall be added to the quoted prices charged to CUSTOMER.

-TOWING CHARGES: ALLIED will make a reasonable attempt to get to and from each job site using its own equipment. Should ALLIED be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by ALLIED, will be charged to and paid by CUSTOMER.

-PREPARATION CHARGES: If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay ALLIED for the expenses incurred by ALLIED as a result of the

cancellation.

DEADHAUL, CHARGES: Unless otherwise specified on the front of this Contract, a deadhaul charge as set forth in ALLIED'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.

— SERVICE CONDITIONS AND LIABILITIES:

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f. ALLIED carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond ALLIED'S control, ALLIED shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. CUSTOMER shall be responsible for and indemnify, defend, and hold harmless ALLIED, its officers, agents and employees, from and against any and all claims or suits for: from the course of the second course of the second

(A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or وأجها والموارد المارات المراجع المهاري والمراجعة the well-owner; and: ...

(B) Qil spills, pollution, surface or sub-surface damage, injury to the well, reservoir, less, or damage arising from a well blowout arising out of or in connection with ALLIED'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of ALLIED or its employees.

2. With respect to any of ALLIED'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing For CUSTOMER and before return to ALLIED at the landing, CUSTOMER shall either recover the lost item without cost to ALLIED or reimburse ALLIED the current replacement cost of the item unless the loss or damage results from the sole negligence ALLIED or its employees.

3. ALLIED does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements of ALLIED or its employees.

caused by contamination of water or other fluids.

WARRANTIES: 1. ALLIED warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. ALLIED'S obligation under this warranty is expressly limited to repair, replacement, or allowance for credit, at its option, for any merchandise which is determined by ALLIED to be defective. THIS IS THE SOLE WARRANTY OF ALLIED AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and ALLIED shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.

2. More specifically: 3

(A) Nothing in this contract shall be construed as a warranty by ALLIED of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.

(B) Nothing in this contract shall be constitued as a warranty of the accuracy or correctness of any facts, information, or data furnished by ALLIED or any interpretation of tests, meter readings, chart information, analysis of research, or recommendations made by ALLIED, unless the inaccuracy or incorrectness is caused by the wilful misconduct or gross negligence of ALLIED or its employees in the preparation or furnishing of such facts, information or data.

(C) Work done by ALLIED shall be under the direct supervision and control of the CUSTOMER or his agent and ALLIED will

accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.

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CHARGE TO: ADDRESS CITY, STATE, 2 Services, Inc.				AWI					C WICHITA	TICKET 19643 PAGE JOI			
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Thank You!

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SWIFT Services, Inc. JOB LOG CUSTOMER AWI JOB TYPE LONGSTEIN MOLUME BRLY (BACT CHART NO. DESCRIPTION OF OPERATION AND MATERIALS TIME 2000 D200 25 0325 0340 ندن 600 2355 0445 RECEIVED CONFIDENTIAL MAY 2 5 2013

JAMES C. MUSGROVE

Petroleum Geologist 212 Main Street P.O. Box 215 Claflin, KS 67525

Office (620) 588-4250

Res. Claflin (620) 587-3444

American Warrior Inc.
Buckley#7-18
NW-SE-SW-NW (2307' FNL & 813' FWL)
Section 18-19s-9w
Rice County, Kansas
Page 1

5 1/2" Production Casing Set

Contractor:

Duke Drilling Company (Rig #8)

Commenced:

April 6, 2011

Completed:

April 11, 2011

Elevation:

1752' K.B; 1750 D.F; 1744' G.L.

Casing program:

Surface; 8 5/8" @ 343'

Production; 5 1/2" @ 3400'

Sample:

Samples saved and examined 2600' to the Rotary Total Depth.

Drilling time:

One (1) foot drilling time recorded and kept 2600 ft to the Rotary Total

Depth.

Measurements:

All depths measured from the Kelly Bushing.

Drill Stem Tests:

There were three (3) Drill Stem Tests ran by Trilobite Testing.

Electric Log:

By Log Tech; Dual Induction, Dual Compensated Porosity and Micro Log.

<u>Formation</u>	<u>Log Depth</u>	Sub-Sea Da	tum
Anhydrite	401	+1351	
Base Anhydrite	412	+1340	
Heebner	2780	-1028	
Toronto	2802	-1050	Do-
Douglas	2814	-1062	RECEIVED
Brown Lime	2906	-1154	MAY 2 -
Lansing	2930	-1178	MAY 2 5 2011
Base Kansas City	3226	-1474	KCC WICHITA
Conglomerate	3250	-1498	VICHITA
Arbuckle	3270	-1518	- 1,7
Rotary Total Depth	3400	-1648	
Log Total Depth	3400	-1648	
(All tops and zones co	orrected to Electric Log n	neasurements).	

SAMPLE ANALYSIS, SHOWS OF OIL, TESTING DATA, ETC.

TOPEKA SECTION

2723-2732' Limestone; light cream, fossiliferous, chalky, poor scattered

pinpoint porosity, trace dead oil stain, no free oil and no odor in

fresh samples.

2760-2776' Limestone; cream, finely crystalline, slightly fossiliferous,

questionable stain, no show of free oil and no odor, plus dark

gray chert.

CONFIDENTIAL

MAY 2 5 2013

KCC

American Warrior Inc.
Buckley#7-18
NW-SE-SW-NW (2307' FNL & 813' FWL)
Section 18-19s-9w
Rice County, Kansas
Page 2

TORONTO SECTION

2803-2810'

Limestone; white, cream, finely crystalline, chalky, poor porosity,

no shows.

DOUGLAS SECTION

2814-2829'

Sand; gray, fine grained, micaceous, shaley, few calcareous,

some friable, no shows.

LANSING SECTION

2930-2938' Limestone; gray, dark gray, slightly fossiliferous, slightly chalky,

poor visible porosity, poor dark brown stain, trace of free oil and

faint odor in fresh samples.

2955-2962' Limestone; cream, finely crystalline, chalky, slightly fossiliferous,

poor pinpoint porosity, trace stain, no show of free oil and faint

odor in fresh samples.

2975-2979' Limestone; gray, cream, slightly fossiliferous, poor visible

porosity, no show and faint odor in fresh samples.

2989-2994' Limestone; as above, trace stain, no show of free oil and faint

odor in fresh samples.

2999-3003' Limestone; gray, chalky, fossiliferous, poor scattered porosity,

trace stain, trace of free oil and faint odor in fresh samples.

3011-3026'

Limestone; cream, slightly chalky, oomoldic, fair to good

porosity, light brown stain, show of free oil and good odor in

fresh samples.

Drill Stem Test #1 - misrun -

<u>Drill Stem Test #2</u> 2958-3026'

Times: 15-45-30-60

Blow: Strong

Recovery: 245' gas in pipe

120' slightly oil and gas cut mud

(10% gas, 2% oil, 88% mud)

Pressures: ISIP 664 psi

FSIP 625 psi IFP 47-50 psi FFP 52-91 psi HSH 1415-1380 psi

3077-3082

Limestone; gray, cream, slightly chalky, fossiliferous, oomoldic, poor visible porosity, scattered stain, no show of free oil and faint

odor in fresh samples.

3098-3106' Limestone; cream, chalky, poorly developed sub oomoldic

porosity, scattered stain, slight stain, trace of free oil and no odor

in fresh samples. CONFIDENTIAL

MAY 2 5 2013

KCC WICHITA

American Warrior Inc. Buckley#7-18 NW-SE-SW-NW (2307' FNL & 813' FWL) Section 18-19s-9w Rice County, Kansas Page 3

> 3122-3132' Limestone; gray, white, finely crystalline, chalky, oomoldic, poor

to fair porosity, trace stain, trace of free oil and faint odor in fresh

samples.

3152-3162 Limestone; gray, cream, chalky, few fossiliferous, scattered

stain, show of free oil and faint odor in fresh samples.

3186-3194' Limestone; cream, gray, finely crystalline, chalky, trace black

dead stain.

3210-3220' Limestone; cream, gray, slightly fossiliferous, poor visible

porosity, questionable stain, no show of free oil and no odor in

fresh samples.

REWORKED ARBUCKLE SECTION

3260-3270' Dolomite; white, sandy, brown stain, show of free oil, faint odor

(poor samples).

ARBUCKLE SECTION

3270-3274' Dolomite; cream, gray, finely crystalline, sucrosic, fair pinpoint

porosity, light brown stain, show of free oil and strong odor in

fresh samples.

3274-3278' Dolomite; as above, few oomoldic, scattered vuggy porosity,

brown stain, show of free oil and good odor in fresh samples.

Drill Stem Test #3 3218-3278'

Times: 30-45-45-60

Blow: Strong

1260' gas in pipe Recovery:

> 780' clean gassy oil 180' muddy gassy oil

(20% gas, 50% oil, 30% mud)

Pressures: ISIP 828

psi psi **FSIP 767**

IFP 57-192 psi FFP 223-360 psi

HSH 1575-1558 psi

3280-3290' Dolomite; as above.

3326-3340'

3290-3295' Dolomite; cream, finely crystalline, light stain, trace of free oil and

questionable odor in fresh samples.

Dolomite; cream, finely crystalline, sucrosic, scattered pinpoint 3299-3310'

porosity, light stain, scattered free oil, faint odor in fresh samples,

plus white translucent chert.

3310-3326' Dolomite; cream, gray, finely crystalline, scattered porosity, few

oomoldic, no shows.

CONFIDENTIAL

Dolomite: as above. MAY 2 5 2013

Dolomite; gray, cream, fine and medium crystalline, fair to poor KCC 3340-3365'

porosity, slightly cherty, no shows.

American Warrior Inc. Buckley#7-18 NW-SE-SW-NW (2307' FNL & 813' FWL) Section 18-19s-9w Rice County, Kansas Page 4

3360-3380'

Dolomite; cream, finely crystalline, sucrosic, poor porosity, no

shows.

3380-3400'

Dolomite; cream, gray, finely crystalline, scattered pinpoint

porosity, plus white gray oolitic chert.

Rotary Total Depth Log Total Depth

3400 (-1648)

3400 (-1648)

Recommendations:

5 1/2" production casing was set and cemented and the following zones should be tested in the Buckley #7-18:

1. Arbuckle 3274-3280 perforate

2. Lansing 'K'

3157-3162

perforate

3. Lansing 'J'

3122-3128

perforate

4. Lansing 'G'

3012-3020

perforate

5. Lansing 'A'

2936-2940

perforate

Respectfully submitted;

Bruce B. Ard and

James C. Musgrove,

Petroleum Geologists

KCC WICHITA

CONFIDENTIAL

MAY 25 2013

KCC



Prepared For:

American Warrior Inc

PO BOX 399

Garden City KS 67946

ATTN: Cecil Obrate

18-19s-9w Rice,KS

Buckley #7-18

Start Date: 2

2011.04.09 @ 15:47:02

End Date:

2011.04.09 @ 20:24:41

Job Ticket #: 41639

DST#: 1

CONFIDENTIAL MAY 2 5 2013 KCC

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

RECEIVED MAY 2 5 2011 KCC WICHITA



American Warrior Inc

Buckley #7-18

PO BOX 399

18-19s-9w Rice, KS

Job Ticket: 41639

DST#: 1

ATTN: Cecil Obrate

Garden City KS 67946

Test Start: 2011.04.09 @ 15:47:02

GENERAL INFORMATION:

Formation:

Lansing A-G

Deviated:

Νo Whipstock: ft (KB)

Test Type: Conventional Bottom Hole

Time Tool Opened: 00:00:00

Tester:

Chris Staats

Time Test Ended: 20:24:41

Unit No:

1752.00 ft (KB)

Interval: Total Depth: 2912.00 ft (KB) To 3026.00 ft (KB) (TVD)

Reference Elevations:

3026.00 ft (KB) (TVD)

1744.00 ft (CF)

Hole Diameter:

7.88 inches Hole Condition:

KB to GR/CF:

8.00 ft

Serial #: 6773 Press@RunDepth: Inside

psig @

2913.00 ft (KB)

Capacity:

8000.00 psig

Start Date:

2011.04.09

End Date:

2011.04.09

Last Calib .:

2011.04.09

Start Time:

15:47:02

End Time:

20:24:41

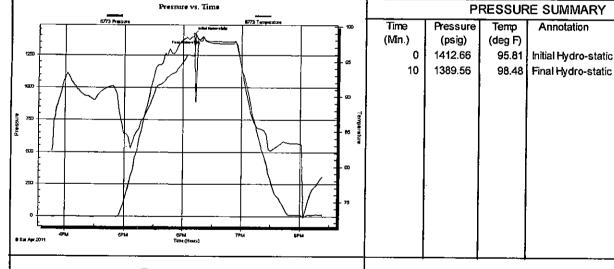
Time On Btm:

2011.04.09 @ 18:11:27

Time Off Btm:

2011.04.09 @ 18:20:42

TEST COMMENT: PACKER FAILED



Recovery Length (ft) Description Volume (bbl) 600.00 Mud

Gas Rates

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

Trilobite Testing, Inc

Ref. No: 41639

Printed: 2011.04.18 @ 13:27:58 Page 2



TOOL DIAGRAM

American Warrior Inc

PO BOX 399

Garden City KS 67946

ATTN: Cecil Obrate

18-19s-9w Rice,KS

Buckley #7-18

Job Ticket: 41639

DST#:1

Test Start: 2011.04.09 @ 15:47:02

Tool Information

Drill Pipe:

Drill Collar:

Length: 2894.00 ft Diameter: Heavy Wt. Pipe: Length:

Length:

ft Diameter: ft Diameter:

3.80 inches Volume: 0.00 inches Volume: 0.00 inches Volume:

Total Volume:

40.60 bbl 1dd 00.0

40.60 bbl

0.00 bbl

Tool Weight: Weight set on Packer: 2800.00 lb

2100.00 lb

Tool Chased

Weight to Pull Loose: 50000.00 lb 6.00 ft

String Weight: Initial 40000.00 lb

Final 41000.00 lb

Drill Pipe Above KB: Depth to Top Packer:

10.00 ft 2912.00 ft

Depth to Bottom Packer: Interval between Packers: 114.00 ft

Tool Length: Number of Packers: 142.00 ft 2

Diameter:

6.75 inches

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			2885.00		
Shut in Tool	5.00			2890.00		
Hydraulic tool	5.00			2895.00		
Jars	5.00			2900.00		
Safety Joint	3.00			2903.00		
Packer	4.00			2907.00	28.00	Bottom Of Top Packer
Packer	5.00			2912.00		
Stubb	1.00			2913.00		
Recorder	0.00	8166	Outside	2913.00		
Recorder	0.00	6773	Inside	2913.00		
Perforations	5.00			2918.00		
Drill Pipe	94.00			3012.00		
Perforations	11.00			3023.00		
Bullnose	3.00			3026.00	114.00	Bottom Packers & Anchor

Total Tool Length:

142.00



FLUID SUMMARY

American Warrior Inc

Buckley #7-18

PO BOX 399

18-19s-9w Rice, KS

Garden City KS 67946

Job Ticket: 41639

DST#:1

ATTN: Cecil Obrate

Test Start: 2011.04.09 @ 15:47:02

Mud and Cushion Information

Mud Type: Gel Chem

9.00 lb/gal

Cushion Type:

Oil API:

deg API

Mud Weight: Viscosity:

52.00 sec/qt

Cushion Length: Cushion Volume: Water Salinity:

ppm

Water Loss:

7.97 in³

Gas Cushion Type: Gas Cushion Pressure:

psig

ft

bbl

Resistivity: Salinity: Filter Cake:

0.00 ohm.m 4000.00 ppm

0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl		
600.00	Mud			

Total Length:

600.00 ft

Total Volume:

bbl

Num Fluid Samples: 0

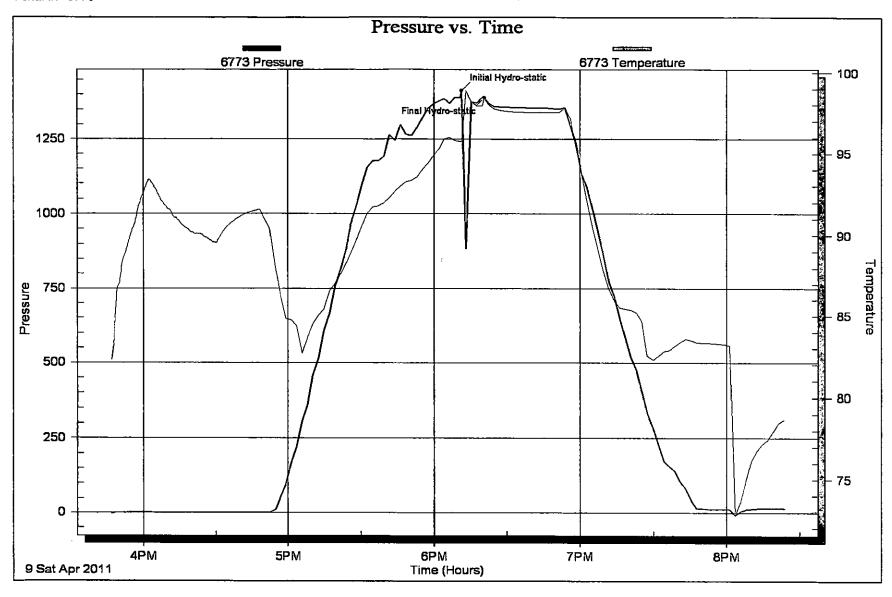
Num Gas Bombs:

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





Prepared For: American Warrior Inc

PO BOX 399 Garden City KS 67946

ATTN: Cecil Obrate

18-19s-9w Rice,KS

Buckley #7-18

Start Date: 2011.04.10 @ 00:07:01 End Date: 2011.04.10 @ 06:47:46 Job Ticket #: 41640 DST #: 2

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



American Warrior Inc.

Buckley #7-18

PO BOX 399

18-19s-9w Rice, KS

Garden City KS 67946

Job Ticket: 41640

DST#: 2

ATTN: Cecil Obrate

Test Start: 2011.04.10 @ 00:07:01

GENERAL INFORMATION:

Formation:

Lansing B-G

Deviated:

No Whipstock: ft (KB)

Test Type:

Conventional Bottom Hole

Time Tool Opened: 02:37:16

Time Test Ended: 06:47:46

Tester: Unit No: Chris Staats

Interval:

2958.00 ft (KB) To 3026.00 ft (KB) (TVD)

Reference Elevations:

1752.00 ft (KB)

Total Depth:

KB to GR/CF:

1744.00 ft (CF)

Hole Diameter:

3026.00 ft (KB) (TVD)

8.00 ft

Serial #: 8166

Press@RunDepth:

Outside

91.35 psig @

7.88 inchesHole Condition: Poor

2959.00 ft (KB)

Capacity:

8000.00 psig

Start Date: Start Time:

2011.04.10 00:07:06

End Date: End Time:

2011.04.10 06:47:45 Last Calib.: Time On Btm: 2011.04.10

Time Off Btm:

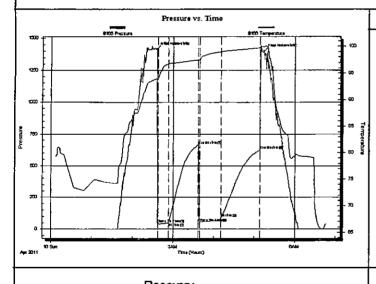
2011.04.10 @ 02:35:31 2011.04.10 @ 05:14:31

TEST COMMENT: IF: Strong blow BOB 3 min

ISI: No blow back

FSI: Strong blow BOB 1 min

ISI: No blow back



PRESSURE SUMMARY									
Time	Pressure	Temp	Annotation						
(Min.)	(psig)	(deg F)							
0	1416.83	93.91	Initial Hydro-static						
2	47.08	93.92	Open To Flow (1)						
18	50.24	96.74	Shut-In(1)						
62	664.37	97.47	End Shut-In(1)						
64	52.32	97.40	Open To Flow (2)						
95	91.35	99.01	Shut-In(2)						
153	625.30	99.71	End Shut-In(2)						
159	1401.28	99.93	Final Hydro-static						

Recovery

Description	Volume (bbi)
245' GIP	0.00
OGCM 10% gas 2% oil 88% mud	1.15
	245' GIP

Gas Rates

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

Trilobite Testing, Inc.

Ref. No: 41640

Printed: 2011.04.18 @ 13:28:23 Page 2



TOOL DIAGRAM

American Warrior Inc

Buckley #7-18

PO BOX 399

18-19s-9w Rice, KS

Garden City KS 67946

Job Ticket: 41640 DST#: 2

ATTN: Cecil Obrate

Test Start: 2011.04.10 @ 00:07:01

Tool Information

Drill Pipe: Heavy Wt. Pipe: Length:

Drill Collar:

Length:

Length: 2893.00 ft Diameter: ft Diameter: 58.00 ft Diameter: 3.80 inches Volume: 0.00 inches Volume: 2.25 inches Volume:

40.58 bbl 1dd 00.0 0.29 bbl

Tool Weight: Weight set on Packer: 28000.00 lb

2100.00 lb

Weight to Pull Loose: 50000.00 lb Tool Chased

6.00 ft

Total Volume:

40.87 bbl String Weight: Initial 40000.00 lb

Final 41000.00 lb

Depth to Top Packer:

Drill Pipe Above KB: 21.00 ft 2958.00 ft Depth to Bottom Packer: ft

Interval between Packers:

68.00 ft 96.00 ft

Tool Length:

Number of Packers:

2 Diameter:

6.25 inches

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			2931.00		·
Shut in Tool	5.00			2936.00		
Hydraulic tool	5.00	,		2941.00		
Jars	5.00			2946.00		
Safety Joint	3.00			2949.00		
Packer	4.00			2953.00	28.00	Bottom Of Top Packer
Packer	5.00		,	2958.00		
Stubb	1.00			2959.00		
Recorder	0.00	8166	Outside	2959.00		
Recorder	0.00	6773	Inside	2959.00		
Perforations	5.00			2964.00		
Drill Pipe	31.00			2995.00		
Perforations	28.00			3023.00		
Bullnose	3.00			3026.00	68.00	Bottom Packers & Anchor

Total Tool Length:

96.00



FLUID SUMMARY

American Warrior Inc

Buckley #7-18

PO BOX 399

18-19s-9w Rice, KS

Garden City KS 67946

Job Ticket: 41640

DST#: 2

ATTN: Cecil Obrate

Test Start: 2011.04.10 @ 00:07:01

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

Water Salinity:

deg API

Mud Weight:

9.00 lb/gal

Cushion Length:

ft

Viscosity:

52.00 sec/qt

Cushion Volume:

bbl

ppm

Water Loss: Resistivity:

7.96 in³ 0.00 ohm.m Gas Cushion Type: Gas Cushion Pressure:

psig

Salinity: Filter Cake: 4000.00 ppm 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl		
0.00	245' GIP	0.000		
120.00	OGCM 10% gas 2% oil 88% mud	1.155		

Total Length:

120.00 ft

Total Volume:

1.155 bbl

Num Fluid Samples: 0

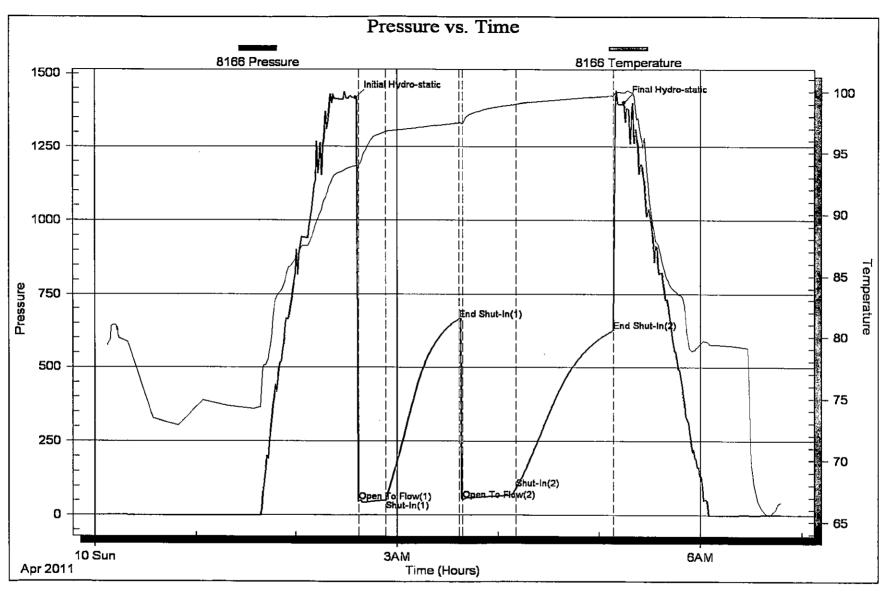
Num Gas Bombs:

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





Prepared For:

American Warrior Inc

PO BOX 399

Garden City KS 67946

ATTN: Cecil Obrate

18-19s-9w Rice,KS

Buckley #7-18

Start Date: 2011.04.10 @ 22:10:17

End Date:

2011.04.11 @ 06:03:32

Job Ticket #: 41641

DST#: 3

Trilobite Testing, Inc PO Box 1733 Hays, KS 67601 ph: 785-625-4778 fax: 785-625-5620



American Warrior Inc

Buckley #7-18

18-19s-9w Rice, KS

PO BOX 399

Job Ticket: 41641

DST#:3

ATTN: Cecil Obrate

Test Start: 2011.04.10 @ 22:10:17

GENERAL INFORMATION:

Formation:

Arbuckle

Deviated:

No Whipstock: ft (KB)

Test Type:

Conventional Bottom Hole

Time Tool Opened: 00:08:17

Tester:

Time Test Ended: 06:03:32

Unit No:

Chris Staats

Interval:

3218.00 ft (KB) To 3278.00 ft (KB) (TVD)

Reference Elevations:

1752.00 ft (KB)

Total Depth:

3026.00 ft (KB) (TVD)

1744.00 ft (CF)

Hole Diameter:

7.88 inchesHole Condition: Fair

KB to GR/CF:

8.00 ft

Serial #: 6773 Press@RunDepth:

Inside

359.86 psig @

3219.00 ft (KB)

Capacity:

8000.00 psig

Start Date: Start Time:

2011.04.10

End Date:

2011.04.11

Last Calib.:

2011.04.11

Time On Btm:

2011.04.11 @ 00:04:47

22:10:22

FSI: No blow back

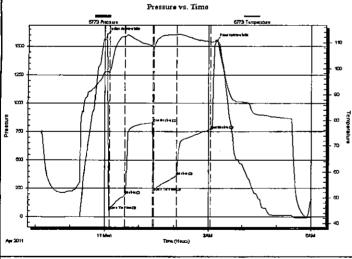
End Time:

06:03:31

Time Off Btm: 2011.04.11 @ 03:13:17

TEST COMMENT: IF: Strong blow BOB 3 min

ISt No blow back FF: Strong blow BOB 5 min



	PRESSURE SUMMARY							
	Time	Pressure	Temp	Annotation				
	(Min.)	(psig)	(deg F)					
	0	1605.86	98.80	Initial Hydro-static				
	4	56.73	98.62	Open To Flow (1)				
	31	191.95	112.37	Shut-In(1)				
	80	828.21	108.82	End Shut-In(1)				
Ten	81	223.73	107.91	Open To Flow (2)				
Temperature	121	359.86	113.05	Shut-In(2)				
1	180	767.03	110.30	End Shut-In(2)				
	189	1552.33	110.60	Final Hydro-static				
ļ								

Recovery Length (ft) Description Volume (bbl) 180.00 OCGM 20 % gas 30 % mud 50% oil 2.52 780.00 10.94 0.00 1260' GIP 0.00

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



TOOL DIAGRAM

American Warrior Inc

Buckley #7-18

PO BOX 399

18-19s-9w Rice, KS

Garden City KS 67946

Job Ticket: 41641

DST#: 3

ATTN: Cecil Obrate

Test Start: 2011.04.10 @ 22:10:17

Tool Information

Drill Pipe: Heavy Wt. Pipe: Length:

Drill Collar:

Length:

Length: 3209.00 ft Diameter:

0.00 ft Diameter: 0.00 ft Diameter:

Diameter:

3.80 inches Volume: 0.00 inches Volume: 0.00 inches Volume:

Total Volume:

45.01 bbl 0.00 bbl 1dd 00.0

45.01 bbl

Tool Weight: Weight set on Packer: 28000.00 lb

2100.00 lb

Tool Chased

Weight to Pull Loose: 42000.00 lb

1.00 ft String Weight: Initial 40000.00 lb

Final 41000.00 lb

Drill Pipe Above KB: Depth to Top Packer:

19.00 ft 3218.00 ft

Depth to Bottom Packer: Interval between Packers:

ft

60.00 ft

88.00 ft

2

6.25 inches

Number of Packers:

Tool Length:

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3191.00	

Change Over Sub	1.00			3191.00		
Shut In Tool	5.00			3196.00		
Hydraulic tool	5.00			3201.00		
Jars	5.00			3206.00		
Safety Joint	3.00			3209.00		
Packer	4.00			3213.00	28.00	Bottom Of Top Packer
Packer	5.00			3218.00		
Stubb	1.00			3219.00		
Recorder	0.00	8166	Outside	3219.00		
Recorder	0.00	6773	Inside	3219.00		
Perforations	5.00			3224.00		
Drill Pipe	31.00			3255.00		
Perforations	20.00			3275.00		
Bullnose	3.00			3278.00	60.00	Bottom Packers & Anchor

Total Tool Length:

88.00



FLUID SUMMARY

deg API

ppm

American Warrior Inc.

Buckley #7-18

PO BOX 399

Garden City KS 67946

18-19s-9w Rice, KS Job Ticket: 41641

DST#: 3

ATTN: Cecil Obrate

Test Start: 2011.04.10 @ 22:10:17

Oil API:

Water Salinity:

Mud and Cushion Information

Mud Type: Gel Chem Mud Weight:

9.00 lb/gal

Viscosity:

55.00 sec/qt 8.37 in³

Water Loss: Resistivity:

0.00 ohm.m 7500.00 ppm

Salinity: Filter Cake:

0.02 inches

Cushion Type:

Cushion Length:

Cushion Volume: Gas Cushion Type:

Gas Cushion Pressure:

bbl

ft

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
180.00	OCGM 20 % gas 30 % mud 50% oil	2.525
780.00	∞	10.941
0.00	1260' GIP	0.000

Total Length:

960.00 ft

Total Volume:

13.466 bbl

Num Fluid Samples: 0

Num Gas Bombs:

Laboratory Name:

Laboratory Location:

Serial #:

Recovery Comments:

