

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

JUL 3 0 2010

Form ACO-1 June 2009

Form Must Be Typed KCC WICHIT form must be Signed All Blanks must be Filled

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 4058		API No. 15 - 163-23, 870-060
Name: American Warrior, Inc		Spot Description: NW-NE-SW
Address 1: P O Box 399		
Address 2:		
City: Garden City State: KS Zip:		
Contact Person: Kevin Wiles, Sr		Footages Calculated from Nearest Outside Section Corner:
Phone: (620) 275-2963		□NE □NW □SE ☑SW
CONTRACTOR: License # 31548		County: Rooks
Name: Discovery Drilling Co		Lease Name: Westhusin Well #: 3-13
W Scott Alberta		Field Name: Westhusin
Purchaser: N/A		Producing Formation: N/A
Designate Type of Completion:		Elevation: Ground: 2078' Kelly Bushing: 2086'
	Workover	Total Depth: 3570' Plug Back Total Depth:
☐ Oil ☐ WSW ☐ SWD	_ □ slow	Amount of Surface Pipe Set and Cemented at: 222 Fe
☐ Gas ☑ D&A ☐ ENHR	SIGW	Multiple Stage Cementing Collar Used? ☐ Yes ✔ No
☐ og ☐ gsw	Temp. Abd.	If yes, show depth set: Fe
CM (Coal Bed Methane)		If Alternate II completion, cement circulated from:
Cathodic Other (Core, Expl., etc.):		feet depth to:w/sx cn
If Workover/Re-entry: Old Well Info as follows:		W Start Star
Operator:	····	Delling Flyid Management Plan
Well Name:		Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Tota	I Depth:	Chloride content: 19,000 ppm Fluid volume: 100 bb
Deepening Re-perf. Conv. to El	NHR Conv. to SWD	Dewatering method used: EVAPORATION
Conv. to G	SW	Dewatering method used:
Plug Back: Plug B	Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:		Operator Name:
Dual Completion Permit #:		Lease Name: License #:
SWD Permit #:		Quarter Sec. Twp. S. R. East We
ENHR Permit #:		
GSW Permit #:		County: Permit #:
6/24/10 6/30/10		
	Completion Date or Recompletion Date	
INSTRUCTIONS: An original and two copies of	this form shall be filed with	the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita,
		anuarrian of a well. Bute 92.0.100.00.2.100 and 90.2.107 and a lafermation

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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:		
Title: Geologist	Date: 7/29/10	

KCC Office Use ONLY
☑ Letter of Confidentiality Received
Date:
Confidential Release Date:
☑ Wireline Log Received
Geologist Report Received
UIC Distribution
ALT X Approved by: Dec. Date: 8 6 10

Side Two

Operator Name: American Warrior, Inc			Lease	Name: _	Westhusin		Well #:3-	13	····
Sec. 13 Twp.9	S. R. <u>17</u>	☐ East 🗹 West		: Roo					
instructions: Shi time tool open and clo recovery, and flow rate line Logs surveyed. A	sed, flowing and shutes es if gas to surface tes	-in pressures, whethe st, along with final cha	r shut-in pres	sure rea	ched static level	, hydrostatic pr	essures, bottom	hole tempera	ature, fluid
Drill Stem Tests Taken (Attach Additional S		✓ Yes No		۷L	og Formatio	on (Top), Depth	and Datum	☐ Sar	mple
Samples Sent to Geol Cores Taken Electric Log Run Electric Log Submitted (If no, Submit Copy	d Electronically	☐ Yes		Stone Base Topel	Corral SC REC	EIVED 3 0 2010	Top 1334' 1366' 2950' 3168'	Da: +752 +720 -864 -108	
List All E. Logs Run: BHCL/MIL/DC	PL/DIL			Toror Lansi Arbud	ng KCC \	WICHITA	3185' 3208' 3483'	-109 -112 -139	2
		CASIN Report all strings se	G RECORD et-conductor, su	Ni urface. inte		ion. etc.			
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs.	ght	Setting Depth	Type of Cement	# Sacks Used	Type and Addi	
Surface	12-1/4"	8-5/8"	23#		222'	Common	150	3%gel 2%	6CC
		ADDITION	AL CEMENTII	NG / SQI	JEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks	Used		Type ar	d Percent Additives	i	
Shots Per Foot		N RECORD - Bridge Plootage of Each Interval P				cture, Shot, Cem	ent Squeeze Recor Material Used)	d	Depth
				1					
TUBING RECORD:	Size:	Set At:	Packer At	l:	Liner Run:	Yes	No		
Date of First, Resumed F	Production, SWD or ENH	R. Producing Me	ethod:	g 🔲		Other (Explain)			
Estimated Production Per 24 Hours	Oil BI	bls. Gas	Mcf	Wat	er Bl	bls.	Gas-Oil Ratio	(Gravity
DISPOSITIO	Used on Lease	Open Hole	METHOD OF	COMPLE Dually	Comp. Con	nmingled mit ACO-4)	PRODUCTK	ON INTERVAL	.:

ALLIED CEMENTING CO., LLC. 041637

SERVICE POINT: REMIT TO P.O. BOX 31 **RUSSELL, KANSAS 67665** Russell KS SEC. TWP. RANGE CALLED OUT ON LOCATION JOB START JOB FINISH 5:45 pm 6:15 pm DATE 6-24-10 COUNTY Rooks Westhusin LOCATION Codell KS North on Rd 24 OLD OR NEW (Circle one) 4 miles to Rd V 1 East 3/4 North West into CONTRACTOR Discovery Rig #/ **OWNER** TYPE OF JOB Surface T.D. 222' HOLE SIZE 1214 **CEMENT** AMOUNT ORDERED 150 com 3%cc 2% Gel CASING SIZE 85/8 DEPTH 222 **TUBING SIZE** DEPTH **DRILL PIPE DEPTH** TOOL **DEPTH** PRES. MAX **MINIMUM COMMON** MEAS. LINE **SHOE JOINT POZMIX** CEMENT LEFT IN CSG. 60,75 **GEL** PERFS. CHLORIDE @ <u>51,56</u> <u>257,50</u> **DISPLACEMENT** 13.18 Bb/ ASC __ RECEIVED @ **EQUIPMENT PUMP TRUCK** CEMENTER John Roberts # 417 HELPER Heath **BULK TRUCK** # 410 DRIVER Row **BULK TRUCK** HANDLING___ @ 2.25 MILEAGE 10/sk/m/+ **REMARKS:** TOTAL 3/30,75 Est Circulation SERVICE Mix 150 sk cement **DEPTH OF JOB** PUMP TRUCK CHARGE Displace W/ 13 Bb1 H20 EXTRA FOOTAGE MILEAGE _ @ 7,00 Cement Did Circulate! · @ MANIFOLD. Thank Pay! CHARGE TO: American Warrior TOTAL 1201, W STREET _____ PLUG & FLOAT EQUIPMENT. 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 . 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

IF PAID IN 30 DAYS

DISCOUNT _

SIGNATURE Company

PRINTED NAME_

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. Notwithstanding 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 Jower 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.
- —PRICES 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:
- 1. 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:
- MIL 15% SR CEINEONT . 3 (A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or Displace W/ 13 Bb1 Hac the well owner; and:
- (B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, 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 of ALLIED or its employees.
- 3. ALLIED does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements 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. State Leavening to their New Control (Mars Part 18)
 - 2. More specifically:
- (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 construed 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.

ALLIED CEMENTING CO., LLC. 041652

REMIT TO P.O. BOX 31 SERVICE POINT: **RUSSELL, KANSAS 67665** Russell KS JOB FINISH 12:15an TWP RANGE CALLED OUT ON LOCATION JOB START SEC. DATE 1.-30-10 II:30pm 17 STATE LOCATION Codell KS North on Rd 24 WELL# 3-13 KS Rooks OR NEW (Circle one) to VRd 1 East 1/2 North West into CONTRACTOR Discovery Rig #1
TYPE OF JOB Rotary Plug **OWNER** HOLE SIZE 77/8 T.D. **3570' CEMENT** AMOUNT ORDERED 245 6940 47. Get 14 F16 **CASING SIZE** DEPTH **TUBING SIZE DEPTH** DRILL PIPE DEPTH 3465 TOOL **DEPTH** PRES. MAX <u>MINIMUM</u> COMMON_ @ <u>7,55</u> @ 20,55 MEAS. LINE **SHOE JOINT** POZMIX CEMENT LEFT IN CSG. GEL: PERFS. CHLORIDE DISPLACEMENT ASC **EQUIPMENT** @ 2,45 **PUMP TRUCK** CEMENTER John Roberts RECEIVED # 417 HELPER Shane **BULK TRUCK** JUL 3 0 2010 # 410 DRIVER Heath @ **BULK TRUCK** KCC WICHITA @ DRIVER HANDLING_ MILEAGE 1/0/5k/k. **REMARKS:** TOTAL 3678, 75 25 sk@ 3465' SERVICE 25sk @ 1360' 100 sk @ 860' DEPTH OF JOB 40 sk@ 270' PUMP TRUCK CHARGE 10 sk@ 40' EXTRA FOOTAGE MILEAGE @ 7,00 30sk Rathole 15sk Mousehole (a) MANIFOLD ... CHARGE TO: American Warrior TOTAL /200,00 STREET PLUG & FLOAT EQUIPMENT 848 Dry Hole Plug 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 N-c 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.

IF PAID IN 30 DAYS

SIGNATURE To May 1

PRINTED NAME ___

Rudzik Warne

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: El Clarking

-TERMS: Unless satisfactory credit has been established, CUSTOMER must tender full cash payment to AELIED 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. Notwithstanding 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, otte sitjete 🖟 but not limited to, a reasonable sum as and for attorney's fees.

-PRICES 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. Shavie

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:

1. 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: 35 Ja (c) 1360 120 M. C. Bles.

(A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including GUSTOMER and/or 10 24 @ 40 the well owner; and: - '.

(B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, 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 of ALLIED or its employees.

3. ALLIED does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements 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 े जिल्ले के लिया है कि के राज्या है। उन्हें के उन्हें के प्राप्त के प्राप्त के कि स्वाप्त कर है। अमेरिक राज्या कर राष्ट्र के के लिया है। जो जिल्ला के स्वाप्त के लिया के स्वाप्त के स्वाप्त के स्वाप्त के स्वाप materials, products or supplies.

2. More specifically:

(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 construed 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.



American Warrior

Westhusin 3-13

Sec13Twp9sRge17w

PO Box 399

Job Ticket: 38765

DST#:3

ATTN: Scott Alberg

Gardencity Ks 67846

Test Start: 2010.06.29 @ 06:25:47

GENERAL INFORMATION:

Time Tool Opened: 07:40:47

Time Test Ended: 11:03:17

Formation:

KC"K,L"

Deviated:

interval:

No Whipstock: ft (KB)

Test Type:

Conventional Bottom Hole

Tester:

Brett Dickinson

Unit No:

2093.00 ft (KB)

2085.00 ft (CF)

3450.00 ft (KB) (TVD)

KB to GR/CF:

Reference Bevations:

8.00 ft

Total Depth: Hole Diameter:

7.88 inches Hole Condition:

3401.00 ft (KB) To 3450.00 ft (KB) (TVD)

Serial #: 8319 Press@RunDepth: Inside

23.75 psig @

06:25:47

3409.00 ft (KB)

Capacity:

8000.00 psig

Start Date: Start Time:

2010.06.29

End Date: End Time: 2010.06.29 11:03:17 Last Calib.: Time On Btm: 2010.06.29

Time Off Btm:

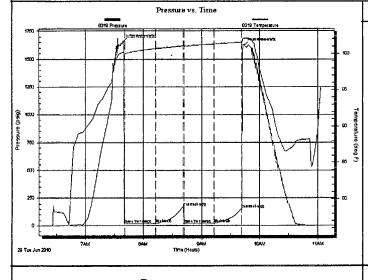
2010.06.29 @ 07:38:47 2010.06.29 @ 09:44:17

TEST COMMENT: IF-Very weak surface blow died in 7min

ISI-No blow

FF-No blow flush tool

FSI-No blow



1		Annotation	Temp	Pressure	Time
			(deg F)	(psig)	(Min.)
		Initial Hydro-static	100.19	1656.15	0
	:	Open To Flow (1)	100.02	18.64	2
-		Shut-in(1)	100.69	22.14	34
		End Shut-In(1)	101.05	172.54	62
		Open To Flow (2)	101.03	20.99	63
		Shut-In(2)	101.30	23.75	94
		End Shut-In(2)	101.58	156.93	123
ED	RECEIVE	Final Hydro-static	102.08	1627.41	126
2010	JUL 3 0 2	*4			
ATI	CC WICH				

PRESSURE SUMMARY

Length (ft)	Description	Volume (bbl)	
5.00	SOCM 10% O 90% M	0.02	

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

Trilobite Testing, Inc.

Ref. No: 38765

Printed: 2010.06.29 @ 11:15:24 Page 1



RILOBITE ESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 38765

12/09	the state of the s	
Well Name & No. Wes7 545, 3-	13 Test No	Date
Company American Warris	Elevation 2 c	085 KB 2077 GL
Address PO Box 349 Garde		
Co. Rep/Geo. Scott Albrig	Rig Disc	50 301
Location: Sec. 13 Twp. 95	Rge. 17m Co.	State + 5
Interval Tested 3401 - 3450	Zone Tested KC	
Anchor Length 49	Drill Pipe Run	Mud Wt. 9.0
Top Packer Depth 3396	Drill Collars Run	Vis <u>6</u> 2
Bottom Packer Depth 3901	Wt. Pipe Run	wL 28
Total Depth 3450	2 1/2 2	System LCM RECEIVED
Blow Description IF - Very weak Su.		7/10
1St - No blow		JUL 3 0 2010
FF-Noblow 1	losh 100 1	KCC WICHITA
TSI-Noblow		
Rec 5 Feet of SOCM	%gas /	0 %oil %water 9 0%mud
Rec Feet of	%gas	%oil %water %mud
Rec Feet of	%gas	%oil %water %mud
RecFeet of	%gas	%oil %water %mud
Rec Feet of	%gas	%oil %water %mud
Rec TotalBHT /0 /	Gravity API RW@	°F Chloridesppm
A) Initial Hydrostatic 165 6	Test	T-On Location $6/85$
B) First Initial Flow	☐ Jars	T-Started 6,25
C) First Final Flow 22	☑ Safety Joint	T-Open 7545
D) Initial Shut-In 172	☐ Circ Sub	T-Pulled 9:45
E) Second Initial Flow $\frac{20}{}$	☐ Hourly Standby	T-Out // , 06
F) Second Final Flow 23	Mileage 4472	Comments
G) Final Shut-In	□ Sampler	
H) Final Hydrostatic 1627	□ Straddle	
	☐ Shale Packer	☐ Ruined Shale Packer
nitial Open <u>30</u>	☐ Extra Packer	☐ Ruined Snale Packer
nitial Shut-In	☐ Extra Recorder	☐ Extra Copies
inal Flow 30	☐ Day Standby	Sub Total
inal Shut-In 30	☐ Accessibility	Total
	Sub Total	
Approved By	Our Representative	far 39
		

10 3 0 SOIO BECEINED

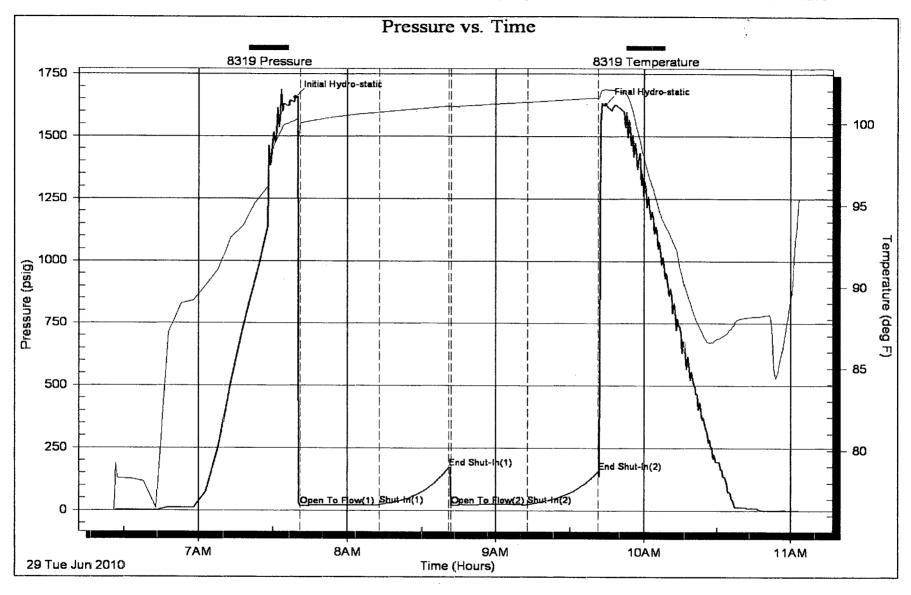
Serial.#: 8319

Inside

American Warrior

Sec13Tw p9sRge17w

DST Test Number: 3





American Warrior

Westhusin 3-13

PO Box 399

Sec13Twp9sRge17w

Gardencity Ks 67846

Job Ticket: 38764

DST#: 2

ATTN: Scott Alberg

Test Start: 2010.06.28 @ 16:46:28

GENERAL INFORMATION:

Time Tool Opened: 18:58:58

Time Test Ended: 22:21:28

Formation:

KC "H,I,J"

Deviated:

Interval:

No

Whipstock:

ft (KB)

Test Type: Conventional Bottom Hole

Tester:

Brett Dickinson

Unit No:

47

Reference Elevations:

2093.00 ft (KB)

2085.00 ft (CF)

KB to GR/CF:

Total Depth: Hole Diameter: 3400.00 ft (KB) (TVD) 7.88 inches Hole Condition:

3330.00 ft (KB) To 3400.00 ft (KB) (TVD)

8.00 ft

Serial #: 8319

Press@RunDepth:

Inside

30.61 psig @

3334.00 ft (KB)

2010.06.28

Capacity:

8000.00 psig

Start Date: Start Time: 2010.06.28 16:46:28 End Date: End Time:

22:21:28

Last Calib.: Time On Btm: 2010.06.28

Time Off Btm:

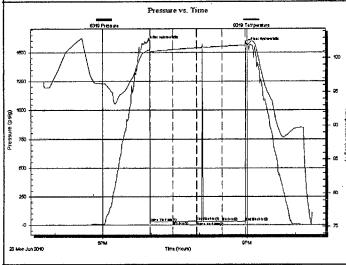
2010.06.28 @ 18:53:58 2010.06.28 @ 21:00:28

TEST COMMENT: IF-1in blow died in 27min

ISI- No blow

FF-No blow flush tool

FSI-No blow



		PI	RESSUR	E SUMMARY
1	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
	0	1582.44	101.03	Initial Hydro-static
	5	25.65	100.80	Open To Flow (1)
	33	28.47	101.27	Shut-in(1)
٦.	63	35.62	101.52	End Shut-In(1)
empe	64	27.51	101.52	Open To Flow (2)
rature	95	30.61	101.73	Shut-In(2)
Temperature (deg F)	124	32.25	101.91	End Shut-In(2)
J	127	1569.20	102.61	Final Hydro-static
				e ²
				ĺ ·

Recovery Volume (bbl) Description Length (ft) 0.07 15.00 Mud

Gas Rates

Choke (inches) Pressure (psig)

Gas Rate (Mcf/d)

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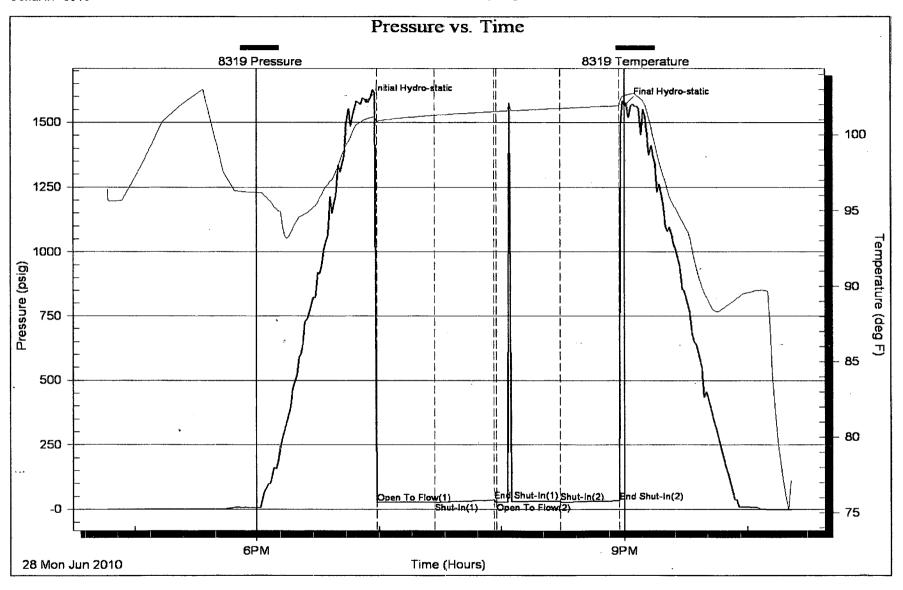
JUL 3 0 2010

KCC WICHITA

Trilobite Testing, Inc

Ref. No: 38764

Printed: 2010.06.28 @ 22:32:32 Page 1



Trilobite Testing, Inc

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JUL 3 0 2010
KCC WICHITA

Printed: 2010.06.28 @ 22:32:32 Page 2



P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 38764

12/09				
Well Name & No. West husin 73-	7 3 Test	No. 2	Date 6-28-10	
Company American Warriar		vation 2093	кв <i>2085</i>	L
Address	****			
Co. Rep/Geo. Scott Alberg	Rig	Disco	7	_
Location: Sec. 13 Twp. 95	Rge. 17uCo		State #5	_
Interval Tested 3330 - 3400	Zone Tested KC 11 H	7.4.7 "		
Anchor Length 20	Drill Pipe Run		Mud Wt. 8,8	
Top Packer Depth 3325	Drill Collars Run 30		Vis 6 ((14) <u></u> -
Bottom Packer Depth 2330	Wt. Pipe Run		WL 8, 0	4
Total Depth 3400	Chlorides 4,000	ppm System	LCM	
	died in 27mi			.
ISI-Noblow				
FF-Noblow	fluch Tool			-
FSI-NobGw				
Rec_15 Feet of Mud	%	gas %oil	%water %m	ud -
Rec Feet of	%	gas %oil	%water %m	ud
Rec. Feet of	%	gas %oil	%water %m	ud
Rec Feet of		gas %oil		7 7 E.
RecFeet of		gas %oil	%water %m	
Rec Total 15 BHT 101	Gravity API RW			om
(A) Initial Hydrostatic 1582	XQ Test		ocation #16.095	
(B) First Initial Flow 2 5	☐ Jars	T-Star	ted 16,95	
(C) First Final Flow 28	Safety Joint	T-Ope	n 19103	ئا ئە: أ ئ ىسىد
(D) Initial Shut-In. 35	☐ Circ Sub	T-Pulle	ed 21:03	
(E) Second Initial Flow2	☐ Hourly Standby	T-Out	22:23	
(F) Second Final Flow 30	Mileage 4/X	Comm		
(G) Final Shut-In 32	☐ Sampler		RECEIVED	
(H) Final Hydrostatic 1569	☐ Straddle		JUL 3 0 2010	10.4
	☐ Shale Packer		uined Shale KCC WICHITA	<u>.</u>
Initial Open 30	☐ Extra Packer		uined Packer	
Initial Shut-In	☐ Extra Recorder			ارنیب رازد
Final Flow 30	☐ Day Standby	Sub To	tra Copies	ر بنات ارب
Final Shut-In 30	☐ Accessibility	Sub it	ла; <u>- 1 </u>	
	Sub Total			
Approved By	Our Represe	ntative		

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.



American Warrior

ATTN: Scott Alberg

Westhusin 3-13

Sec13Twp9sRge17w

Job Ticket: 38763

DST#:1

Test Start: 2010.06.28 @ 03:05:48

GENERAL INFORMATION:

Formation:

KC "G"

Deviated:

No

Whipstock:

ft (KB)

Time Tool Opened: 04:17:18 Time Test Ended: 07:46:48

Interval:

3275.00 ft (KB) To 3320.00 ft (KB) (TVD)

Total Depth:

3320.00 ft (KB) (TVD)

Hole Diameter:

7.88 inches Hole Condition:

Test Type:

Conventional Bottom Hole

Tester:

Brett Dickinson

Unit No:

47

Reference Bevations:

2093.00 ft (KB)

2085.00 ft (CF)

KB to GR/CF:

8.00 ft

Serial #: 8319

Press@RunDepth:

Inside

53.90 psig @

3281.00 ft (KB)

2010.06.28

Capacity:

8000.00 psig

Start Date: Start Time:

2010.06.28 03:05:48

End Date: End Time:

07:46:48

Last Calib.: Time On Btm: 2010.06.28

Time Off Btmt

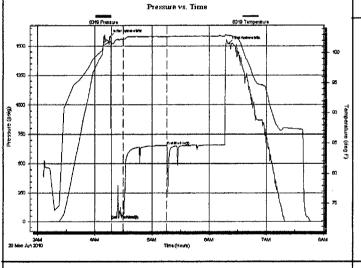
2010.06.28 @ 04:15:48 2010.06.28 @ 06:20:18

TEST COMMENT: IF-6in blow

ISI-No blow

FF-Weak surface blow died in 1min

FSI-No blow



1	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
	0	1575.74	101.86	Initial Hydro-static
	2	22.14	101.58	Open To Flow (1)
	14	53.90	102.24	Shut-In(1)
.	60	-686-49	102.71	End Shut-In(1)
Tarme	125	1517.92	102.90	Final Hydro-static
ride.				
9				
			;	,
				·

PRESSURE SUMMARY

Recovery

Length (ft)	Description	Volume (bbl)	
75.00	SWCM 10%W 90%M	0.78	
		<u></u>	

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

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KCC WICHITA

Trilobite Testing, Inc.

Ref. No: 38763

Printed: 2010.06.28 @ 08:02:18 Page 1



American Warrior

Westhusin 3-13

Sec13Twp9sRge17w

Job Ticket: 38763

DST#:1

ATTN: Scott Alberg

Test Start: 2010.06.28 @ 03:05:48

GENERAL INFORMATION:

Time Tool Opened: 04:17:18

Time Test Ended: 07:46:48

Formation:

KC "G"

Deviated:

No

Whipstock:

ft (KB)

Test Type: Conventional Bottom Hole

Tester:

Brett Dickinson

Unit No:

47

Reference Elevations:

2093.00 ft (KB)

2085.00 ft (CF)

KB to GR/CF:

8.00 ft

Interval: Total Depth: 3275.00 ft (KB) To 3320.00 ft (KB) (TVD)

3320.00 ft (KB) (TVD)

Hole Diameter:

7.88 inches Hole Condition:

Serial #: 8319 Press@RunDepth:

Inside

616.26 psig @

3281.00 ft (KB)

2010.06.28

Capacity: Last Calib.: 8000.00 psig

Start Date: Start Time: 2010.06.28 03:05:48

End Date: End Time:

07:46:48

Time On Btm:

2010.06.28 2010.06.28 @ 04:15:48

Time Off Btm:

1517.92

125

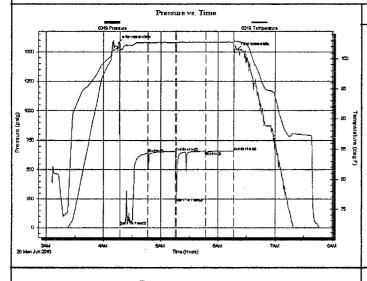
2010.06.28 @ 06:20:18

TEST COMMENT: IF-6in blow

ISI-No blow

FF-Weak surface blow died in 1min

FSI-No blow



Time Pressure Temp Annotation (Min.) (psig) (deg F) 1575.74 0 101.86 Initial Hydro-static 22.14 101.58 Open To Flow (1) 2 31 641.05 102.70 Shut-In(1) 656.13 End Shut-In(1) 60 102.71 221.04 61 102.57 Open To How (2) 92 616.26 102.79 Shut-In(2) 660.06 102.79 End Shut-In(2) 121

102.90

PRESSURE SUMMARY

Recovery

Length (ft) Description Volume (bbl) 75.00 SWCM 10%W 90%M 0.78

Gas Rates

Choke (inches) Pressure (psig)

Final Hydro-static

Gas Rate (Mcf/d)

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Trilobite Testing, Inc.

Ref. No: 38763

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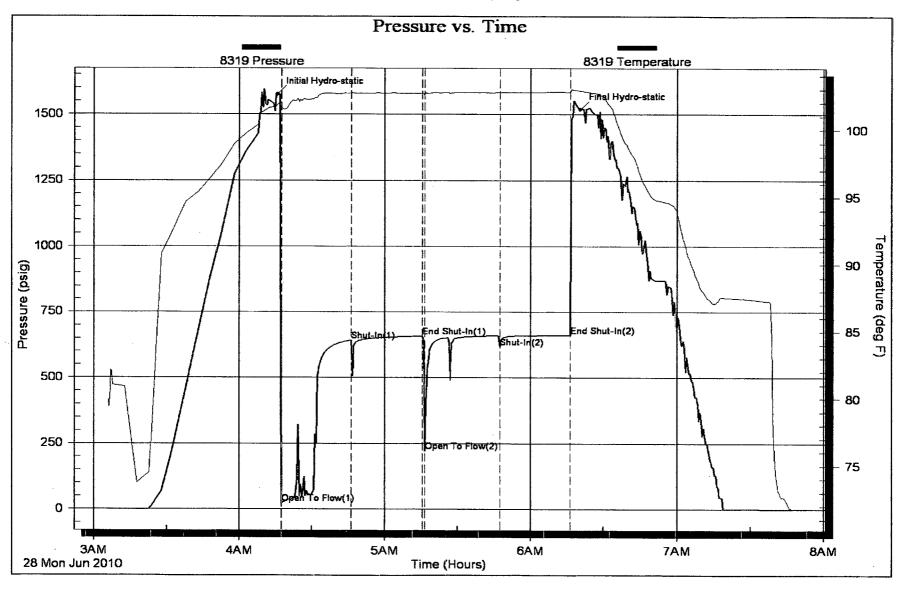


Inside

American Warrior

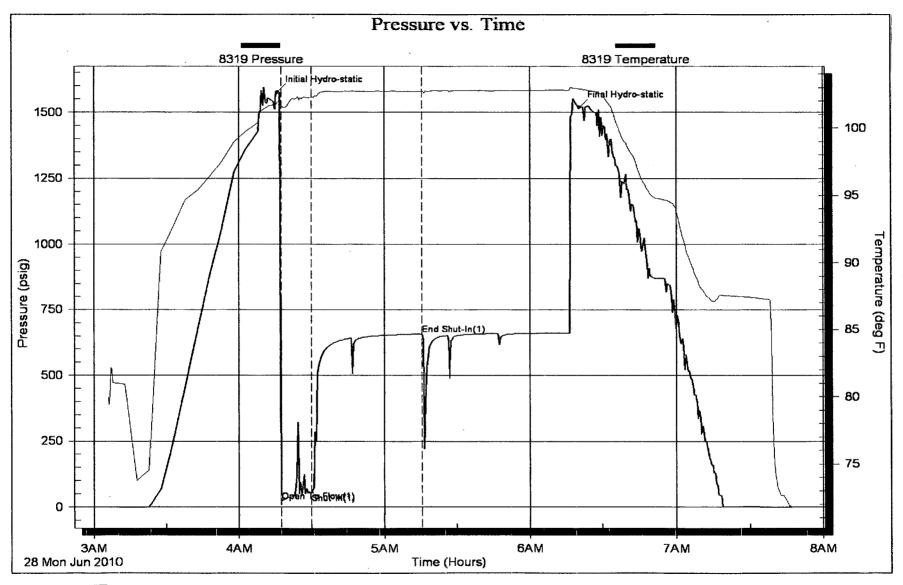
Sec13Tw p9sRge17w

DST Test Number: 1



Trilobite Testing WICHITA

Ref. No: 38763



Trilobite Testing, WICHITA

Trilobite Testing, WICHITA

Ref. No: 38763

Printed: 2010.06.28 @ 08:02:19 Page 2



RILOBITE ESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

No. 38763

12/09		
Well Name & No. Wes 7 hasin	3-13 Test No. 1	Date 6-28-10
Company American Warrior	- Inc Elevation 20	93 KB 2085 GL
Address		
Co. Rep/Geo. S Cott A (berg	Rig Disco	7 21/
Location: Sec. <u>/ 3</u> Twp. <u>9r</u>	Rge / 7 co	State // S
Interval Tested 3 2 7 5 - 3 3 2 0	Zone Tested KC (G	
Anchor Length 45	Drill Pipe Run	Mud Wt. <u>8, 7</u>
Top Packer Depth 3270	Drill Collars Run 30	Vis <u>65</u>
Bottom Packer Depth 3 2 73	Wt. Pipe Run	wl 7, 8
Total Depth 3320	Chlorides 2_000ppm S	ystem LCM_
Blow Description IF- 6in blow	700/ 51	d 500
151-Noblow		
FF- weak surface	blow died in Imin	Plugies
F57 - No 660		
Rec 75 Feet of 5 V C M	%gas	%oil 10 %water 90 %mud
RecFeet 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 <u>75</u> BHT <u>112</u>	Gravity API RW@_	F Chloridesppm
(A) Initial Hydrostatic 15 75	Test	T-On Location 2:35
(B) First Initial Flow 22	☐ Jars	T-Started 3:05
(C) First Final Flow 3 3	Safety Joint	T-Open 4, 2
(D) Initial Shut-In	☐ Circ Sub	T-Pulled 6521
(E) Second Initial Flow	☐ Hourly Standby	T-Out //50
(F) Second Final Flow	Mileage 41x 2	Comments
(G) Final Shut-In	☐ Sampler	
(H) Final Hydrostatic 151	☐ Straddle	RECEIVED
	☐ Shale Packer	□ Ruined Shale PackeguL 3 0 2010
Initial Open 30	☐ Extra Packer	☐ Ruined Packer
Initial Shut-In 30	□ Extra Recorder	Extra Copies KCC WICHITA
Final Flow	☐ Day Standby	Sub Total
Final Shut-In 30	☐ Accessibility	Total
	Sub Total	
Approved By	Our Representative	sin Dan

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American Warrior

Westhusin 3-13

PO Box 399

Sec13Twp9sRge17w Job Ticket: 38766

Gardencity Ks 67846

ATTN: Scott Alberg

Test Start: 2010.06.29 @ 19:25:41

GENERAL INFORMATION:

Time Tool Opened: 21:01:41

Time Test Ended: 00:53:41

Formation:

Aeb. No

Deviated:

Whipstock:

ft (KB)

Conventional Bottom Hole Test Type:

Tester:

Brett Dickinson

Unit No:

Reference Elevations:

2093.00 ft (KB) 2085.00 ft (CF)

DST#: 4

KB to GR/CF:

8.00 ft

Interval:

3444.00 ft (KB) To 3500.00 ft (KB) (TVD)

Total Depth:

3500.00 ft (KB) (TVD)

Hole Diameter:

7.88 inches Hole Condition:

Serial #: 8319

Press@RunDepth:

24.05 psig @

Inside

3450.00 ft (KB)

End Date:

2010.06.30

Capacity: Last Calib .: 8000.00 psig

2010.06.30

Start Date: Start Time:

2010.06.29 19:25:41

End Time:

00:53:41

Time On Btm:

2010.06.29 @ 20:59:41

Time Off Btm:

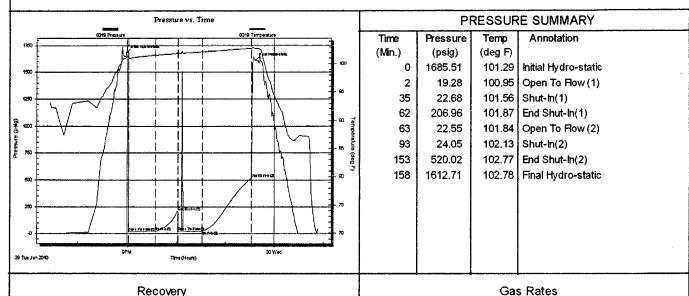
2010.06.29 @ 23:37:11

TEST COMMENT: IF- Weak surface blow died in 4min

ISI-No blow

FF-No blow flush tool

FSI-No blow



Length (ft) Description Volume (bbl) 5.00 SOCM 15% O 85% M 0.02

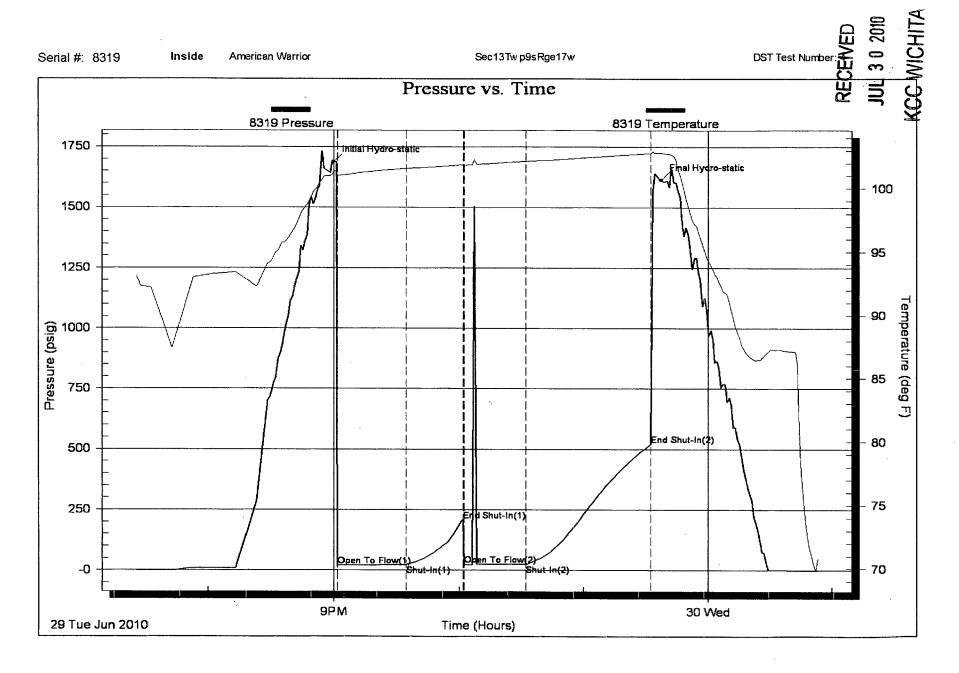
Gas Rates

Choke (inches) | Pressure (psig)

Gas Rate (Mcf/d)

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Trilobite Testing, Inc

Ref. No: 38766

Printed: 2010.06.30 @ 01:09:59 Page 2



Test Ticket

NO. 38766

12/09	P.O. B	ох 1733 • нау	s, Kansas 6/60	U1,					
Well Name & No	West ho	15 in 3	7-13		est No.	4	Date	29-10	ر ا
Company An					levation 2	785		777.	_GL
Address PO									
Co. Rep / Geo					Rig Pisc	100			
Location: Sec.			Rge/ 7				State _	45	
	444 - 3		Zone Tes	ted Ar	<u> </u>				
Anchor Length 5		 	Drill Pipe			M	ud Wt. <u>9, 0</u>	ク	
Top Packer Depth				ars Run 3	0		s 62		,
Bottom Packer Depth			Wt. Pipe				7,8		
Total Depth	500			3800	maa	System Lo		٠.	
	٠	ak SUV	face						
	SI- NO								, t
			flush	7001					
FS	7-No					•		74	
Rec	Feet of 50				%gas /	3 %oil	%water	85	%mud
Rec	Feet of				%gas	%oil	%water	•	%mud
Rec	Feet of	•			%gas	%oil	%water		%mud
Rec	Feet of			*	%gas	%oil	%water		%mud
Rec	Feet of				%gas	%oil	%water		%mud
Rec Total 5	В	нт <u>10 2</u>	Gravity	APIR	w@)°F (hlorides		ppm
(A) Initial Hydrostatic		* *	☑ Test			T-On Loca	ation <u>191</u>	15	, es
(B) First Initial Flow_	19	<u> </u>	☐ Jars			T-Started	19:2	5	
(C) First Final Flow	2-2		Ĵa Safety Jo	int		T-Open	21:10	<u> </u>	
D) Initial Shut-In	206		☐ Circ Sub			T-Pulled _	23.9	0	
E) Second Initial Flov	, <u>22</u>	· · · · · · · · · · · · · · · · · · ·	☐ Hourly St	andby		T-Out	1:0		
F) Second Final Flov	v 24		Mileage _	448	2	Comment	s	······	100 (100 (100 (100 (100 (100 (100 (100
G) Final Shut-In	520		☐ Sampler_			3		· · · · · · · · · · · · · · · · · · ·	
(H) Final Hydrostatic_	1,6/2	-	☐ Straddle_	•.	· · · · · ·				
<u> </u>			☐ Shale Pac	cker		☐ Ruine	d Shale Packe	er .	
nitial Open <u>30</u>			☐ Extra Pac	ker		☐ Ruine			IVED
nitial Shut-In	30		☐ Extra Rec	corder			Copies		
Final Flow	30	· · · · · · · · · · · · · · · · · · ·	☐ Day Stand	dby		Sub Total	· · · ·	JUL 3	1 20%
Final Shut-In		6 0	Accessibi	ility	· · · · · · · · · · · · · · · · · · ·	Total		KCC W	ICHIT
			Sub Total		•				
Annuario di Diri				Our Book		Dun	丛,		

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