

Kansas Corporation Commission Oil & Gas Conservation Division

1054549

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 #	API No. 15
Name:	Spot Description:
Address 1:	SecTwpS. R
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
Oil WSW SWD SIOW Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	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: sx cmt
Operator:	
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth: Original Total Depth: Conv. to ENHR	Chloride content: ppm Fluid volume: bbls Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Lease Name: License #:
SWD Permit #:	QuarterSec TwpS. R East West
ENHR Permit #:	County: Permit #:
GSW Permit #:	
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date	

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY								
Letter of Confidentiality Received								
Date:								
Confidential Release Date:								
Wireline Log Received								
Geologist Report Received								
UIC Distribution								
ALT I II III Approved by: Date:								

Side Two



Operator Name:									
Sec Twp	S. R	East West	County:						
time tool open and clos	sed, flowing and shut s if gas to surface tes	I base of formations per in pressures, whether set, along with final chart well site report.	shut-in pressure	reached s	static level,	hydrostatic press	sures, bottom h	ole temperature, fl	
Orill Stem Tests Taken (Attach Additional S		Yes No		Log	Formatio	n (Top), Depth an	d Datum	Sample	
Samples Sent to Geolo		☐ Yes ☐ No	N	lame			Тор	Datum	
Cores Taken Electric Log Run Electric Log Submitted (If no, Submit Copy)	I Electronically	Yes No Yes No Yes No							
List All E. Logs Run:			RECORD [Used				
	Size Hole	Report all strings set- Size Casing	-conductor, surface Weight		ate, producti Setting	on, etc. Type of	# Sacks	Type and Percen	
Purpose of String	Drilled	Set (In O.D.)	Lbs. / Ft.		Depth	Cement	Used	Additives	
		ADDITIONA	L OFMENTING (00115575	DECORD				
		ADDITIONA	L CEMENTING / :	SQUEEZE	RECORD				
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of Cement	# Sacks Used	d		Type and F	Percent Additives		
Shots Per Foot		ON RECORD - Bridge Plu ootage of Each Interval Pe				cture, Shot, Cement mount and Kind of Ma	•	d Depth	
TUBING RECORD:	Size:	Set At:	Packer At:	Line	r Run:	Yes No			
Date of First, Resumed I	Production, SWD or ENI	HR. Producing Me	thod:	Gas Li	ift C	Other (Explain)			
Estimated Production Per 24 Hours	Oil E	Bbls. Gas	Mcf	Water	В	bls. (Gas-Oil Ratio	Gravity	
DISPOSITIO	Used on Lease	Open Hole	METHOD OF COM Perf. D	MPLETION: ually Comp omit ACO-5)	. Cor	nmingled mit ACO-4)	PRODUCTIO	ON INTERVAL:	
(If vented, Sub	mit ACO-18.)	Other (Specify) _							

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	DeWald 2-18
Doc ID	1054549

Tops

Name	Тор	Datum			
Anhydrite	1469	777			
Heebner	3712	-1466			
Lansing	3757	-1511			
ВКС	4091	-1845			
Pawnee	4171	-1925			
Ft. Scott	4246	-2000			
Cherokee	4265	-2019			
Mississippian	4334	-2088			
TD	4356	-2110			

Geological Report

American Warrior, Inc.

DeWald #2-18

2280' FNL & 2035' FWL
Sec. 18 T19s R21w
Ness County, Kansas



American Warrior, Inc.

General Data

Well Data:	American Warrior, Inc. DeWald #2-18 2280' FNL & 2035' FWL Sec. 18 T19s R21w Ness County, Kansas API # 15-135-25102-0000
Drilling Contractor:	Petromark Drilling, LLc Rig #1
Geologist:	Jason Alm
Spud Date:	December 16, 2010
Completion Date:	December 23, 2010
Elevation:	2240' Ground Level 2246' Kelly Bushing
Directions:	Bazine KS, from the intersection of Hwy 96 and Austin St. South 3.5 mi. East through cattle guard into location.
Casing:	223' 8 5/8" surface casing 4355' 5 1/2" production casing
Samples:	10' wet and dry, 3600' to RTD
Drilling Time:	3600' to RTD
Electric Logs:	Log Tech, Inc. "Kenyon Bange" CNL/CDL, DIL
Drillstem Tests:	One, Trilobite Testing, Inc. "Andy Carreira"
Problems:	None

None

Remarks:

Formation Tops

	American Warrior, Inc.
	DeWald #2-18
	Sec. 18 T19s R21w
Formation	2280' FNL & 2035' FWL
Anhydrite	1469', +777
Base	1504', +742
Heebner	3712', -1466
Lansing	3757', -1511
BKc	4091', -1845
Pawnee	4171', -1925
Fort Scott	4246', -2000
Cherokee	4265', -2019
Mississippian	4334', -2088
LTD	4356', -2110
RTD	4357', -2111

Sample Zone Descriptions

Mississippian Osage (4334', -2088): Covered in DST #1

Dolo – Δ – Fine sucrosic crystalline with poor to fair intercrystalline and vuggy porosity, heavy chert, triptolic, heavily weathered with good vuggy porosity, light to good oil stain and saturation in porosity, show of free oil, good odor, bright yellow fluorescents, 40 units hotwire.

Drill Stem Tests

Trilobite Testing, Inc. "Andy Carreira"

DST #1 Mississippian Osage

Interval (4298' – 4352') Anchor Length 54'

IHP − 2220 #

IFP - 45" - Built to ½ in. 23-46 #
ISI - 45" - Dead 1236 #
FFP - 45" - W.S.B. 50-70 #
FSI - 45" - Dead 1214 #

FHP - 2154 # BHT - 110°F

Recovery: 150' GIP

30' GCO

30' GOCM 20% Oil 60' SOGCM 10% Oil

Structural Comparison

	American Warrior, Inc.	American Warrior, Inc.		Slawson	
	DeWald #2-18	DeWald #1-18		DeWald B #1	
	Sec. 18 T19s R21w	Sec. 18 T19s R21w		Sec. 18 T19s R21w	
Formation	2280' FNL & 2035' FWL	2100' FNL & 950' FWL		C SE NW	
Anhydrite	1469', +777	1442', +767	(+10)	1452', +785	(-8)
Base	1504', +742	1474', +737	(+5)	NA	NA
Heebner	3712', -1466	3675', -1463	(-3)	3694', -1457	(-9)
Lansing	3757', -1511	3723', -1510	(-1)	3741', -1504	(-7)
BKc	4091', -1845	4057', -1844	(-1)	NA	NA
Pawnee	4171', -1925	4137', -1924	(-1)	NA	NA
Fort Scott	4246', -2000	4212', -1999	(-1)	NA	NA
Cherokee	4265', -2019	4229', -2016	(-3)	4255', -2018	(-1)
Mississippian	4334', -2088	4299', -2086	(-2)	4334', -2097	(+9)

Summary

The location for the DeWald #2-18 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 examined the decision was made to run 5½ inch production casing to further evaluate the DeWald #2-18 well.

Recommended Perforations

Mississippian Osage: (4334' – 4354') DST #1

Respectfully Submitted,

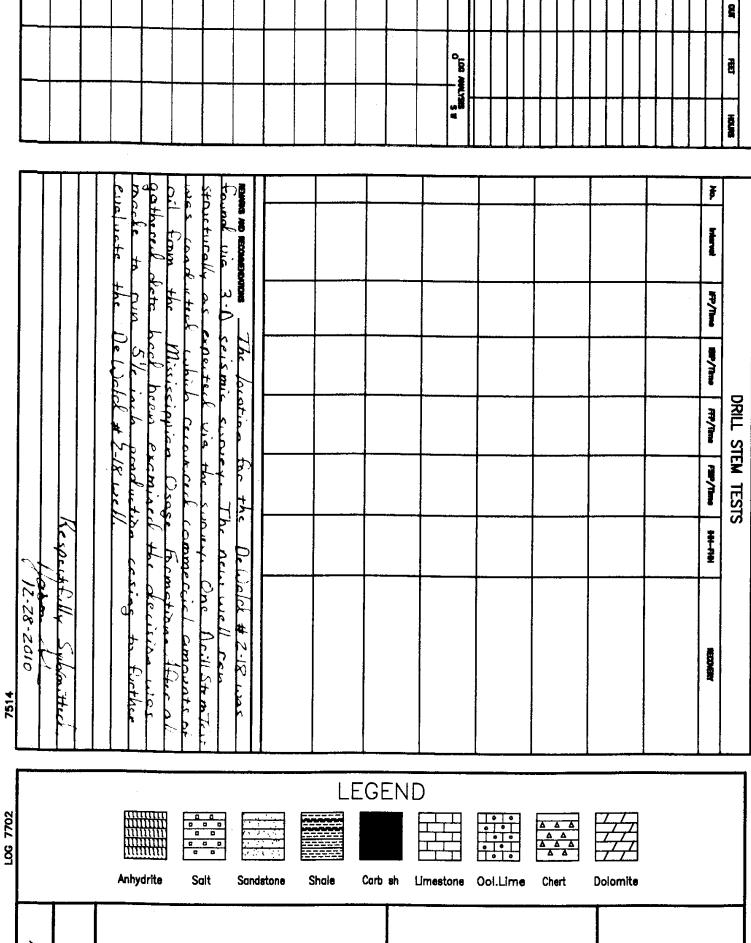
Jason Alm Hard Rock Consulting, Inc.

Hard Rock Consulting, Inc.

Jason Alm Petroleum Geologist
P.O. Box 1260
Hays, KS 67601 $\Delta PT \# 15-135-25107$

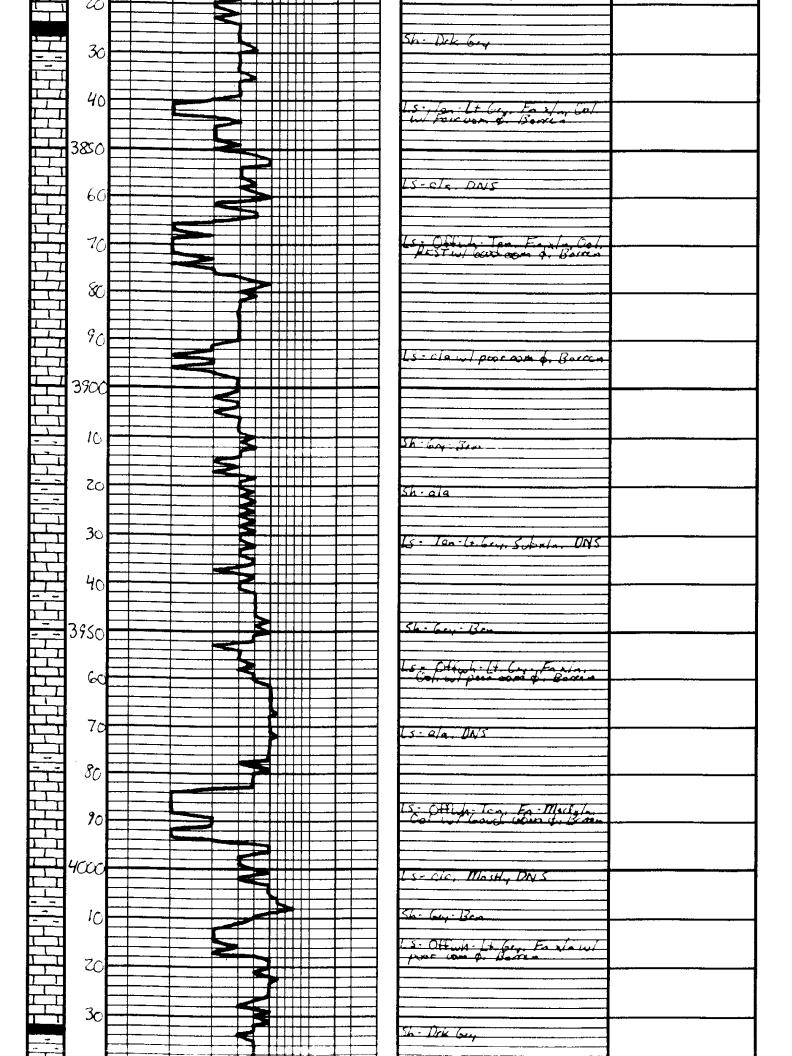
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		Herbiner 3712'-1466 3714:1468 -3
	719s RZL	34 242 HOS1 242 + 1031 4 HOS1 STATES
	CNL/CDL, DIL	TOP DATUM TOP DATUM
	Log Tech	LDG SAMP
	ELECTRICAL SURVEYS	MUD UP 34(CC) TYPE MUD (hemica)
		SAMPLES EXAMINED FROM 36.00 TO RTD
	PRODUCTION 5/2 1/2 4355	SWED FROM 3600 10 135
	SURFACE X 12 PC 1/1.3	COMM. 12-16-2010 COMP. 12-23-2010
2	CASING RECORD	COUNTY Ness STATE Kansas
	From Kelly Bushing	WP. 195
	ane.	LOCATION 2280 FNL EZO35 FUL
	DF 7240'	FIELD De Wald
	22	LEASE De Laled WELL NO. 2-12
	EL EVATION	OPERATOR American Warrior, Tre
	-	GEOLOGIST'S REPORT DRILLING TIME AND SAMPLE LOG
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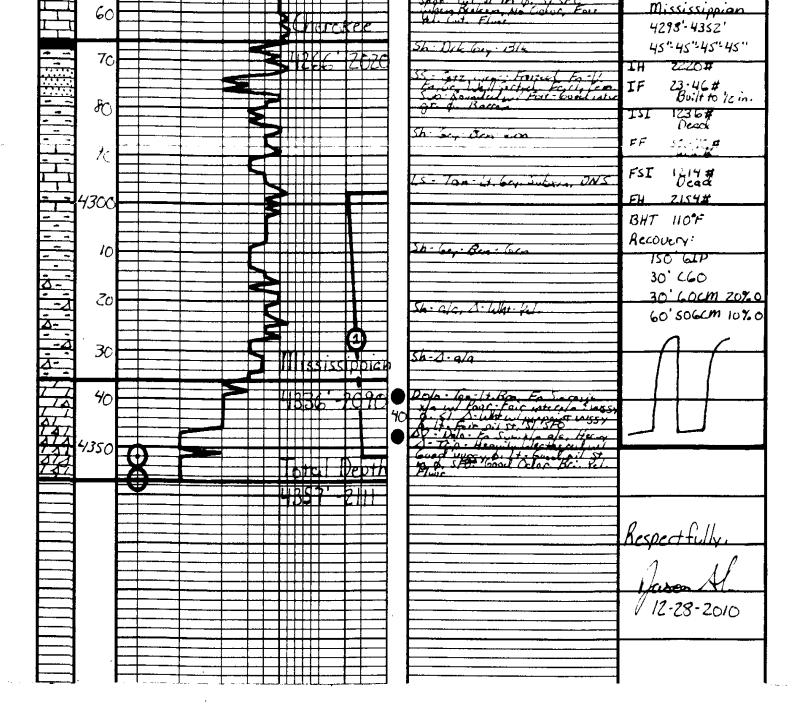


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Apr. 23. 2011 11:31AM Allied Cementing Co LLC
ALLIED CEMENTING CO., LLC. 241>

Federal Tax I.D.# 20-5975804

SERVICE POINT 10 P.O. BOX 31 RUSSELL, KANSAS 67665 ON LOCATION JATE & -/4/ OLD OR NEW (Circle one) CONTRACTOR TYPE OF JOB CEMENT AMOUNT ORDERED 175 M Com 3 HOLE SIZE DEPTH CASING SIZE DEPTH TUBING SIZE DEPTH DRILL PIPE DEPTH TOOL <u> / 3 රි</u>ය COMMON___ ェラミ **MINIMUM** PRES. MAX POZMIX MEAS. LINE GEL CEMENT LEFT IN CSG. @<u>.57.5</u>0 CHLORIDE PERFS. @ 7. - DOL DISPLACEMENT @ EQUIPMENT @ PUMP TRUCK CEMENTER _ @ @ BULK TRUCK @ @ BULK TRUCK @ DRIVER HANDLING 5 MILEAGE / 75 x 15 x 10 TOTAL 3. 42 SERVICE DEPTH OF JOB <u> 791.0</u>0 PUMP TRUCK CHARGE EXTRA FOOTAGE MILEAGE ______ MANIFOLD. @ @ TOTAL 10 54 05 STREET. STATE. CITY 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 _ PRINTED NAME



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CITY, STATE, ZIP CODE	

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☐ YES	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? ARE YOU SATISFIED WITH OUR SERVICE?	WEEDS?	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?			-			52 Z	54 4	5½ in	25 年	52 in	5 ± 1 in	1 104	70 M.	QTY. UM
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TOTAL	TAX	·.	PAGE TOTAL						05/	275 bo	2250	1900 00	2000	00/55	a 004/	3	UNIT
		9282 50	4557	4725					150	275 6	225 00	1900	400	275/00	1400	100	AMOUNT
		g	8	8					8	8	8	8	8	8	8	8	

☐ CUSTOMER DID NOT WISH TO RESPOND TOTAL

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES [1].

SWIFT OPERATOR

APPROVAL

Thank You!

TICKET CONTINUATION

TICKET No.

PO Box 466. Ness City, KS 67560

455734	455							
				TON MILES	TOTAL WEIGHT LOADED MILES			
50	262	/ 50		CUBIC FEET	175			200
250 00	750	250100		100	Drosage (Min)			2000
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8	BES	4	152 005		MUDFIUSH			281
8	25	3,700	2601	_	D- 4-18			290
8	75	150	-	8/16	Arule			276
8	875+	700		125 13	halad-312			292
	135	01/5		500113	SuCt.			283
	ohr				Calsac			284
8	2/00	12 70	-	175 54	STONEARD conjent (for st.2)			225
N	Page 9	DATE 23 DFC 10	218	WELL DON HIM	Auxicum Warrior	Off: 785-798-2300		Sounds

TOMER			WELL NO	·			ces, Inc.	DATES DEC 10 PAG
Aw	rican	Warrior	WELL NO. 2	-1g	LEASEDEWA		coment long string	TICKET NO. 19898
HART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS T C	PRESSURE (F	PSI) Casing	DESCRIPTION OF OPERATION AN	
		·					175sis EA-2 w/ hala	1-322
				Ů			TD 4357 TOTAL 710%	•
							shar jt 4231' 15.5	#51
							Cont 1,2,3,4,69 Bisha	
							Poot collex 70 (1443') L	
	0720						on or TRK 114	
L	270						start 15.5" 5' Cusing	in noll
							2 (431.5)	
	0130						Drap ball - cieculate -	ROTATE
	U ₁ RJ						new will create	FDIA. E
	1005	63	12			to	Pump SN gal mudfle	-1
						(1.6)	Dup Me gai MUGTIS	<u>} 44</u>
		63	20			400	Pump 2016 KCL fe	1. 1
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	1030						wish out pump ? lines	
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19903

SERVICE LOCATIONS)	WELL/PROJECT NO.	LEASE	COUNTYPARISH	STATE	CITY	DATE IOWNER	
WEN CALVA	2.18	DEWAY	NESS	~		12-30-10 5	
2.	TICKET TYPE CONTRACTOR		RIG NAME/NO.	SHIPPED	SHIPPED DELIVERED TO	ORDER NO.	
•	SALES	H-D/RESCUE			Contract of		
	WELL TYPE	WELL CATEGORY	JOB PURPOSE		WELL PERMIT NO.	WELL LOCATION	
	074	DEVELOPMENT	DEVELOPMENT COMEST PORT COLLEGE			BAZINE KS - 21/25 E TUTO	AS E WIN
REFERRAL LOCATION	INVOICE INSTRUCTIONS						

x Scott	START OF WORK OR DELIVERY OF GOODS	LIMITED WARRANTY provisions	out are not limited	the terms and cond	LEGAL TERMS: (\$83	(85	290	276	330	08	5760	575	PRICE
	MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS	NIT provisions.	out are not limited to, PAYMENT, RELEASE, INDEMNITY, and	the terms and conditions on the reverse side hereof which include,	LEGAL TERMS: Customer hereby acknowledges and agrees to												SECONDARY REFERENCE/ PART NUMBER
·	OR TO		NDEMN	of which	es and a				E	E	E	E	E		E	_	হি
			ITY, and	nindude	agrees to												ACCOUNTING ACCT
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NESS CITY KS 67560		SWIFT SERVICES INC OUR SERVICE WAS	WE UNDERSTOOD AND	REMIT PAYMENT IO: OUR EQUIPM					MENDY DRAKE	SERVIZE CHARGE CONST	D-AIR	Floreie	SWEAT WITH PERSON STANDARD	PORT COLUME OPENING TOOL	PUMP CHARGE	MILEAGE # 110	DESCRIPTION
WO PERFORMED JOB CALCULATIONS ATISFACTORILY?	ER-ORMED WITHOUT DELAY?	WAS	FEDS7	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	SURVEY				173								QTY.
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12-30-10

TIME SIGNED

M. P.M.

NESS CITY, KS 67560 P.O. BOX 466

ARE YOU SATISFIED WITH OUR SERVICE?

□ 8

TOTAL

4258 39

Thank You!

CUSTOMER DID NOT WISH TO RESPOND

785-798-2300

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES TO

APPROVAL

JOB	ı	.OG	
JUD	L	.UG	

SWIFT Services, Inc.

DATE 12-30-10 PAGE NO.

USTOMER MERI	adul Was	eroe Tuc	WELL NO.	18		LEASE DE	ance	JOB TYPE COLLAR TICKET NO. 19903
CHART NO.	TIME	RATE (BPM)	VOLUME (BRL) (GAL)	PUN	IPS C	PRESSUR TUBING		DESCRIPTION OF OPERATION AND MATERIALS
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	12.0							
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	1340	14	5	1		500	 	DISPLACE CEMENT
	1350			V		1000		CLOSE PORT COLLER - PSZTEST - HELD
								CARCULATED 15 SUS COMENT TO PET
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· · · · · · · · · · · · · · · · · · ·	1405	4	20		✓	, ,	400	RUN 4 JB - CARCULTE CLEW
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	1430				-		ļ	JOB COMPLETE
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DRILL STEM TEST REPORT

American Warrior Inc.

Dewald #2-18

PO Box 399

18-19s-21w Ness

Garden City Ks. 67846

Job Ticket: 041530 DST#: 1

ATTN: Jason Alm

Test Start: 2010.12.22 @ 11:34:05

GENERAL INFORMATION:

Formation: Mississippi

Test Type: Conventional Bottom Hole Deviated: Whipstock: No ft (KB)

Time Tool Opened: 13:27:40 Time Test Ended: 18:44:09

Tester: Unit No:

Andy Carreira

31

4298.00 ft (KB) To 4352.00 ft (KB) (TVD)

Reference Elevations:

2246.00 ft (KB)

Total Depth: 4352.00 ft (KB) (TVD)

2240.00 ft (CF)

Hole Diameter:

7.88 inches Hole Condition: Fair

KB to GR/CF: 6.00 ft

Serial #: 8352 Press@RunDepth: Outside

69.58 psig @

4302.00 ft (KB)

Capacity: Last Calib.: 8000.00 psig

Start Date: Start Time:

Interval:

2010.12.22 11:34:05

End Date: End Time: 2010.12.22 18:44:10

2010.12.22 @ 13:26:20 Time On Btm:

2010.12.22

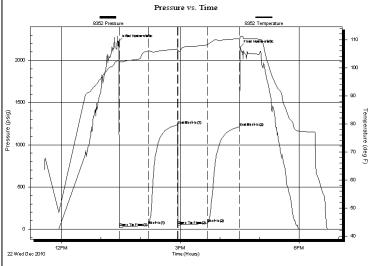
2010.12.22 @ 16:30:50 Time Off Btm:

TEST COMMENT: IF: Weak blow, Half inch

IS:No Return

FF: Weak. Surface blow

FS: No Return



PRESSURE SUMMARY

Ī	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
	0	2220.66	102.69	Initial Hydro-static
	2	23.46	101.89	Open To Flow (1)
	46	46.46	105.97	Shut-In(1)
_	90	1235.79	106.64	End Shut-In(1)
Temperature	90	50.19	106.10	Open To Flow (2)
ratina	136	69.58	108.28	Shut-In(2)
den	184	1213.90	110.29	End Shut-In(2)
פ	185	2154.33	111.03	Final Hydro-static

Recovery

Description	Volume (bbl)
SOCGM g=10% o=10% m=80%	0.30
GOCM g=10% o=20% m=70%	0.15
CGO g=10% o=90%	0.15
	SOCGM g=10% o=10% m=80% GOCM g=10% o=20% m=70%

Gas Rates

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

Trilobite Testing, Inc. Ref. No: 041530 Printed: 2010.12.23 @ 08:42:56 Page 1



DRILL STEM TEST REPORT

FLUID SUMMARY

ppm

American Warrior Inc.

Dewald #2-18

PO Box 399

18-19s-21w Ness

Garden City Ks. 67846

Job Ticket: 041530 **DST#:1**

Water Salinity:

ATTN: Jason Alm Test Start: 2010.12.22 @ 11:34:05

Mud and Cushion Information

Mud Type: Gel Chem Cushion Type: Oil API: deg API

Mud Weight:9.00 lb/galCushion Length:ftViscosity:58.00 sec/qtCushion Volume:bbl

Water Loss: 6.80 in³ Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 5800.00 ppm Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	SOCGM g=10% o=10% m=80%	0.295
30.00	GOCM g=10% o=20% m=70%	0.148
30.00	CGO g=10% o=90%	0.148

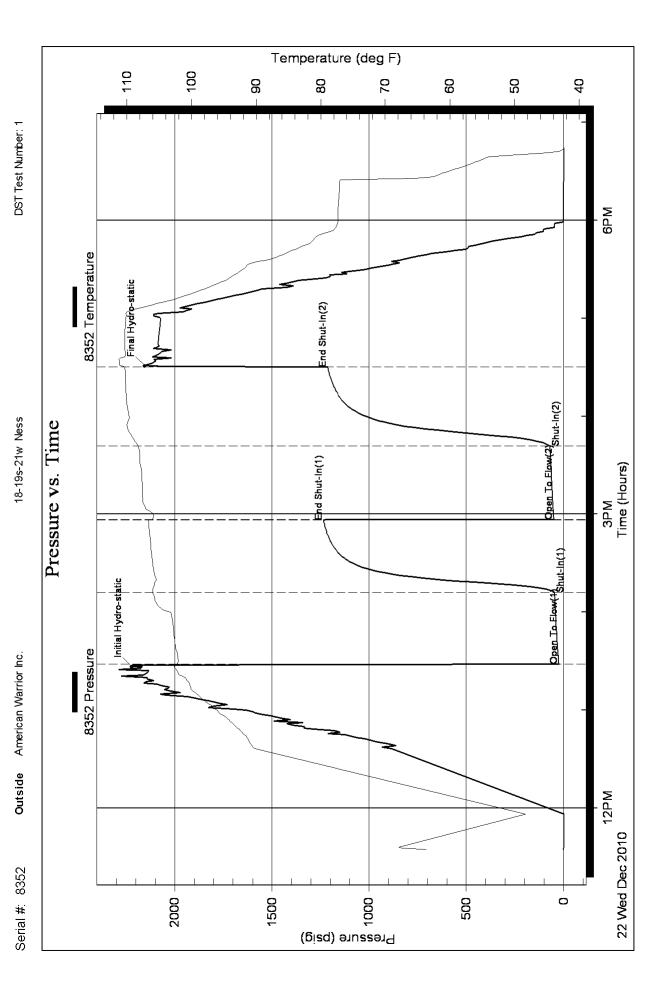
Total Length: 120.00 ft Total Volume: 0.591 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

Trilobite Testing, Inc Ref. No: 041530 Printed: 2010.12.23 @ 08:42:57 Page 2



Page 3

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