

### Kansas Corporation Commission Oil & Gas Conservation Division

#### 1070145

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:  Deepening Re-perf. Conv. to ENHR Conv. to SWD  Conv. to GSW	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 Approved by: Date:

Side Two



Operator Name:			Lease Name	e:			_ Well #:	
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	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	LaDonna-Pablo Unit 1
Doc ID	1070145

# Tops

Name	Тор	Datum
Anhydrite	1370	757
Heebner	3604	-1477
Lansing	3652	-1525
ВКС	3971	-1844
Pawnee	4052	-1925
Ft. Scott	4130	-2003
Cherokee	4149	-2022
Mississippian	4217	-2090
Gilmore City	4320	-2193
Viola	4409	-2282
Simpson	4586	-2459
Arbuckle	4595	-2468
RTD	4885	-2758



CITY, STATE, ZIP CODE

	ADDRESS			CHARGE
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SERVICE LOCATIONS	WELL/PROJECT NO.	LEASE	COUNTY PARISH	ISTATE ICI	7	DATE	IOWNER	
1. NESS Wild I'VS.		LADDINA-PABLOH/ NES	11 $N$ ESS	な。	BAZINE, KS	12 may 11		٠ د د د
2.	TICKET TYPE   CONTRACTOR	)	RIG NAME/NO.	SHIPPED DELIVERED TO	LIVERED TO	ORDER NO.		
•	BSHES PETROMARK - XILLING	TARK I XILLING		VIA	LOCATION			
9	WELL TYPE	WELL CATEGORY JOB	PURPOSE , C/	V	VELL PERMIT NO.	WELL LOCATION		· ·
	0/L	DEVELOPMENT	ENT 878 SURFACE.			18.14N i	ゲインプロ	
REFERRAL LOCATION	INVOICE INSTRUCTIONS							23.4

	5	ESPOND	CUSTOMER DID NOT WISH TO RESPOND	CUSTOMER!	700-796-2300	J.		1 6 W. W.
		ਨੋ	O YES ONO	ANC TOO SKILLSPIED WITH OUR SERVICE?	785-708-2300	D A	TIME SIGNED	DATE SIGNED
	TAX		PMENT	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? SATISFACTORILY?	P.O. BOX 466 NESS CITY KS 67560	· ·	VERY OF GOODS	START OF WORK OR DELIVERY OF GOODS
	ş <sup>a</sup>		ELAY?	PERFORMED WITHOUT DELAY?	SWIFT SERVICES, INC.		MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO	MUST BE SIGNED BY CUS
	3			WE UNDERSTOOD AND MET YOUR NEEDS?		MNITY, and	but are not limited to, PAYMENT, RELEASE, INDEMNITY, and	LIMITED WARRANTY provisions
10195	PAGE I UIAL		RMED	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	KEMII TAYMENI IC:	hich include,	the terms and conditions on the reverse side hereof which include	the terms and condi
-97	200	UN- DIS- DECIDED AGREE	AGREE	SURVEY		nd agrees to	<b>LEGAL TERMS:</b> Customer hereby acknowledges and agrees to	LEGAL TERMS: C
422 9	/ @	12-	×	428	DRAYACE			383
63715	1/50		485 x	4/2	SERVICE CHARGE CEMENT			581
1,3×10	1518		35/5x	な	Swift Much Drusity			330
16015	/se		107/lbs	<u></u>	FLOCEGE			276
140P	35-19		4/34		D-AIR			290
50!@	2519		2 kgc		AIDWID KCC			22
501)00	/ 69		20 ₽₹	5	MUD FLUSH			281
100 P	(00/g		1/29		TOP PLUG			410
360	900	-	4 M.		TURBOLIZERS			409
2501	250100	<u> </u>	IVEA.		TUSERT FLOAT W/O AUTOFUL			401
PICAII!	1100) pag	385 77.	1 8001		Pump CHARGE			5760
<b>2</b> (20/	5-18		))  m'r	25	MILEAGE # 110			<b>9</b> 75
AMOUNT	PRICE	QTY.   UM	UM.	מוזי	DESCRIPTION	C ACCT DF	SECONDARY REFERENCE/ PART NUMBER LOC	REFERENCE
	•							

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES

APPROVAL

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 2 MAY 1 PAGE NO.

HMER	ALL WASI	RRIDR	WELL NO.		LADONN	A-PAB	LO # 1 JOB TYPE 858 SURFACE TICKET NO. 20789
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS T C	PRESSURE TUBING		DESCRIPTION OF OPERATION AND MATERIALS
	1200		-				ON LOCATION
	1330						START PIPE 85/4-23#
					<b></b>		RIDE 1385
							SHOE JT. 12'
		····					CENTRALIZERS- 1,3,12,27
	1536						CIRCULATE.
	1549	lo	12	7	ļļ	300	Pung 500 gar MUD FLUSA
	1551	10	20			300	Pung 20BW KCL Flust
	1555						MIX CEMENT
		6	55	7		200	100 Sx @11.2pp6
		6	57	7		200	1505x@12.5 pp6
		6	31	~		200	100 s. C. 13.5 PP6
		6	26		i	200	100 Sx@14.5 ppb.
		se to the second					*
	1629		A			-	WASH ONT PUMPING LINES.
`\ 	1631	6					BELEASE PLUG START DISPLANTMENT
	1645		873			500	PLUG DOWN SHUT WELL IN.
							CIRCULATE 30SX TO PIT
	1648					<del>,</del>	WASH TRUCK
						<del></del>	
	1715	· · · · · · · · · · · · · · · · · · ·					JOB COMPLETE
						•	THANKS 1110
							JASON JEFF LANE.
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TICKET 20735

1. SERVICE LOGATIONS	WELL/PROJECT NO.	LEASE DILLI	COUNTY/PARISH	SIAIE CITY D	DATE	
		LAUCHE TABIO VA.	ILLOO	KS Dazine	11 104 02	
2.	TICKET TYPE CONTRACTOR	- 1	RIG NAME/NO.	SHIPPED DELIVERED TO	ORDER NO.	
	SALES	Pringent		TWOI CATE		
	- WELL TYPE	WELL CATEGORY JOB PURPOSE	3 PURPOSE	WELL PERMIT NO.	WELL LOCATION	
4.	0.1	Libro Comment	ensut long string		29-18-21W 195	Š
REFERENCE LOCATION	INVOICE INSTRUCTIONS	••	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			

PRICE	SECONDARY REFERENCE/	×	ACCOUNTING					TIMIT	
REFERENCE	PART NUMBER	হ	ACCT	무	DESCRITOR	QTY. UM	QTY. UM	PRICE	AMOUNT
575		1			MILEAGE TRX 114	20		500	2000
578					Puno Charac	100		9000 E/	00 [VV7]
LOH.		(			Contralier	なら	200	60/00	44-150 100
403					Comet boxet	5% 6	7 00	7 20 00	8 19
405					formation Packer She	5,4	100	12000	1200
406			·		LATCH Drum Plus & Rolls.	52 in	/ 0/	00 CC	2000 E
181		-			MUDFLUSH "	300 001		8	5000
186		+			KCL Laura	20,1		25 00	35/00
290		-			D-AIR	2/0/	- +	35 00	
						-	-		
•				_				-	
LEGAL TERMS: (	LEGAL TERMS: Customer hereby acknowledges and agrees to	s and a	igrees to			SURVEY AGREE	EE DECIDED AGREE	$\dashv$	2 690 00
the terms and cond	the terms and conditions on the reverse side hereof which include,	which	indude,		TEMIL TAYMEN I IO: OUR EQUIPMENT BE	UR EQUIPMENT PERFORMED		PAGE TOTAL	1 60 00

LIMITED WARRANTY provisions. but are not limited to, PAYMENT, RELEASE, INDEMNITY, and the terms and conditions on the reverse side hereof which include,

MUST BE SIGNED BY CHRITOMER OR CUSTOMER'S AGENT PRIOR TO

TIME SIGNED P.M.

DATE SIGNED

NESS CITY, KS 67560

SWIFT SERVICES, INC. P.O. BOX 466 785-798-2300

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?
WE UNDERSTOOD AND ARE YOU SATISFIED WITH OUR SERVICE? VE OPERATED THE EQUIPMENT IND PERFORMED JOB CALCULATIONS PERFORMED WITHOUT DELAY? JUR SERVICE WAS CUSTOMER DID NOT WISH TO RESPOND **□** DECIDED AGREE PAGE TOTAL TOTAL Ž

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES

**APPROVAL** 

SWIFT OPERATOR

Thank You.

OB LO		14.	WELL NO.		SWIFT		ICEO, INC. DATE TO MAY !   PAGING
4	utican	Warrior	WELL NO.	41			Unit JOB TYPE Coment long string TICKET NO. 20735
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS T C	PRESSUR TUBING	E (PSI) CASING	DESCRIPTION OF OPERATION AND MATERIALS
	-						100 sts 5 mD w/ floate \$ 125 sts 8 A-Z
3							55"x 17"casind total PIR = 4 WI she it = 44.27"
							prehished 4640' ABCET 1,14
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	0900						Stort 52 17 cooing in well
							9
	1100						Drop ball - C. Reulate
	-						
	1/07					1800	set proceer shoe w/ min pup
	-						
	1115	43	12.		<u> </u>	300	Pung 500 gal multiush
		倡	70			300	pano 10 bl KCL flush
			4.5				•
	//20		7	ļ			Plug RHU/SMD 30 ste SMD
				ļ			·
	1/25	13	27			300	MIX SND 70515- 6 12.5 PAGE
	1/31	43	31			250	125315 @ 15.4 pg
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	1/44				-		Drop botch down plug
-					ļ		and out pay & line
	1148	62				300	Displace Ding
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	1200					1500	land plug
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	1205				<b>_</b>		wash Peck
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	1240					<u> </u>	job complete
-							
_						i	the Ban Rob & Dave



# TICKET CONTINUATION

1 30		3	TON MILES	LOW MEIGHT 9000 POWED WINES			
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750		100	100	halad-322			292
015		650 16	25.9	Salt			283
30100	654	600 16	600	carrel			200
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17 KM 95	LADONA LAKO UNIT 1	るなな	LADON	American Wattor	Off: 785-798-2300	Off:	Secretary



REFERRAL LOCATION

TICKELTYPE CONTRACTOR

SERVICE

U SALES

WELL TYPE

WELL/PROJECT NO.

\*

CITY, STATE, ZIP CODE

TICKET 20744

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LEASE	COUNTY/F	STATE	CITY ,	DATE	IWO	ER	
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	RIG NAME/NO.	SHIPPED	DELIVERED TO	ORDER NO.			
		4	ですると				
WELL CATEGORY JO	JOB PURPOSE		WELL PERMIT NO.	WELL LOCATION	7		
THE STATE OF	Bout BOX Sel			10-0-10-0-1	アンド		
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29-18-214

	TE SIGNED	START OF WORK OR DELIVERY  X  Co++	MUST BE SIGNED BY CUS	but are not limited to, PAYMENT,	the terms and cond	LEGAL TERMS: (						*	4%	185	376	OK.E	5365	575	PRICE	REFERRAL LOCATION
	TIME SIGNED	LIVERY OF GOODS	MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO	but 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	INVOICE INSTRUCTIONS
	<b>1</b>		X TO	DEMNIT	of which in	s and agr						•			-		-	-	LOC A	IONS
	<b>1</b> 0 □			r, and	clude,	ees to													ACCOUNTING ACCT DF	
700-7000		P.O. BOX 466	SWIFT SERVICES, INC.		REMIT TAYMENT IC:	DENIT DAVACNIT TO						A, 0 0	Dougage (min)	service charge	Floule	5m) and	Puno Chare	MILEAGE TEK 114	DESCRIPTION	
CUST	ARE YOU SATISFIE	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?	OUR SERVICE WAS PERFORMED WITHOUT DELAY?	WE UNDERSTOOD AND MET YOUR NEEDS?	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	SURVEY							·				. 7			
CUSTOMER DID NOT WISH TO RESPOND	YOU SATISFIED WITH OUR SERVICE?	JOB	OUT DELAY?	AND	ERFORMED DWN?			_	-	_			)  04		35/186	_	<u>`</u>	2	QTY. UM	
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SWIFT OPERATOR

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES

APPROVAL

Thank You!

JOB LC	\$		WELL MA			SWIFT			DATES, MANY # PAGEN
Auric	culture o		WELL NO.			LA Donne	-Bolo	unit coment backside	TICKET NO. 20144
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUM T	PS C	PRESSUF TUBING	RE (PSI)  CASING	DESCRIPTION OF OPERATION AN	D MATERIALS
						2.		125sls SMD w/ \$ #fb	ale.
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	1450							on loc TRX 114	-
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American Warrior Inc

LaDonna - Pablow Unit #1

P.O.Box 771517 Wichita KS, 67277

ATTN: Jason Alm

29-18s-21w Ness

Tester:

Unit No:

KS, 6/2// Job Ticket: 42599

Time

Test Start: 2011.05.17 @ 01:53:20

Cody Bloedorn

42

DST#: 1

#### **GENERAL INFORMATION:**

Formation: Miss

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

Time Tool Opened: 06:16:20
Time Test Ended: 11:33:20

Interval: 4230.00 ft (KB) To 4237.00 ft (KB) (TVD) Reference Elevations: 2127.00 ft (KB)

Total Depth: 4237.00 ft (KB) (TVD) 2121.00 ft (CF)

Hole Diameter: 7.85 inches Hole Condition: Good KB to GR/CF: 6.00 ft

Serial #: 8700 Outside

Press@RunDepth: 163.16 psig @ 4234.00 ft (KB) Capacity: 8000.00 psig

 Start Date:
 2011.05.17
 End Date:
 2011.05.17
 Last Calib.:
 2011.05.17

 Start Time:
 01:53:25
 End Time:
 11:33:20
 Time On Btm:
 2011.05.17 @ 06:15:20

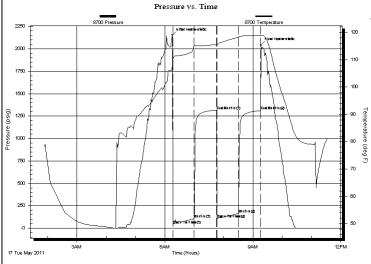
Time Off Btm: 2011.05.17 @ 09:16:20

TEST COMMENT: 45 - IF- B.O.B. - 30 Min.

45 - ISI- Weak surface blow, died in 36 Min.

45 - FF- B.O.B. - 34 Min.

45 - FSI- Weak surface blow, died in 30 Min.



	(Min.)	(psig)	(deg F)	
	0	2151.58	107.60	Initial Hydro-static
	1	42.46	109.99	Open To Flow (1)
	45	105.74	115.06	Shut-In(1)
_	91	1316.10	115.56	End Shut-In(1)
Temperature	92	109.33	115.30	Open To Flow (2)
rature	135	163.16	118.23	Shut-In(2)
(deg l	180	1310.62	118.86	End Shut-In(2)
J	181	2047.17	118.98	Final Hydro-static

PRESSURE SUMMARY

Pressure Temp Annotation

#### Recovery

Length (ft)	Description	Volume (bbl)
62.00	5%G, 90%W, 5%M	0.30
124.00	10%G, 10%O, 60%W, 20%M	1.17
179.00	10%G, 80%O, 5%M	2.51

# Gas Rates Choke (inches) | Pressure (psig) | Gas Rate (Mct/d)

Trilobite Testing, Inc Ref. No: 42599 Printed: 2011.05.17 @ 15:48:29 Page 1



**FLUID SUMMARY** 

American Warrior Inc LaDonna - Pablow Unit #1

P.O.Box 771517 **29-18s-21w Ness** 

Wichita KS, 67277 Job Ticket: 42599 **DST#:1** 

ATTN: Jason Alm Test Start: 2011.05.17 @ 01:53:20

**Mud and Cushion Information** 

Mud Type: Gel Chem Cushion Type: Oil API: 41 deg API

Viscosity: 49.00 sec/qt Cushion Volume: bbl

Water Loss: 9.99 in<sup>3</sup> Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 16100.00 ppm Filter Cake: inches

#### **Recovery Information**

#### Recovery Table

Length ft	Description	Volume bbl
62.00	5%G, 90%W, 5%M	0.305
124.00	10%G, 10%O, 60%W, 20%M	1.175
179.00	10%G, 80%O, 5%M	2.511

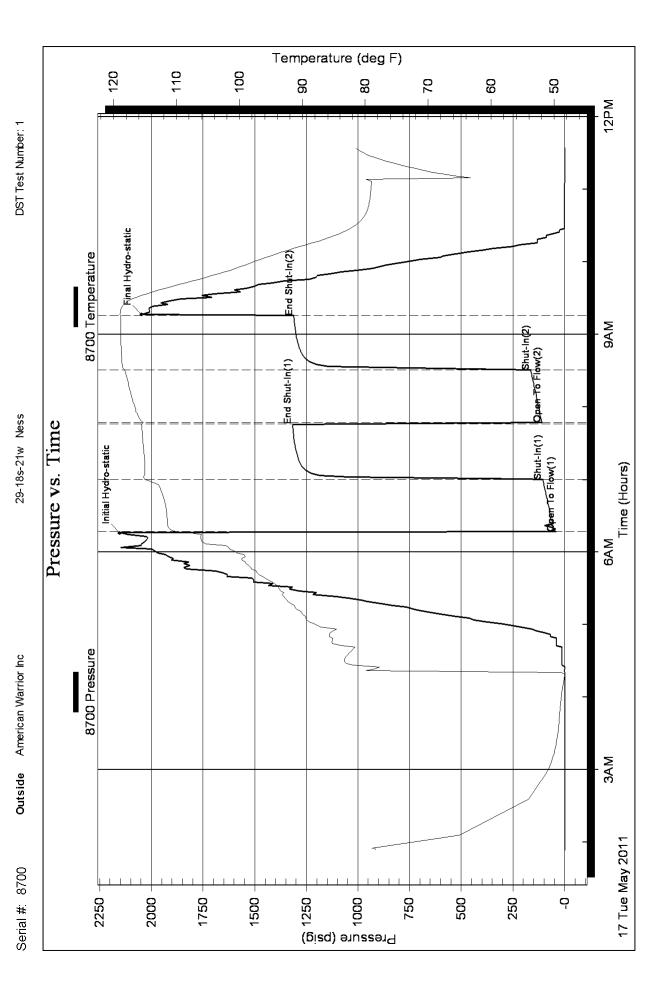
Total Length: 365.00 ft Total Volume: 3.991 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: Gravity is 39 @ 62 = 41 Salinity= .77 @ 68 Degrees = 9000

Trilobite Testing, Inc Ref. No: 42599 Printed: 2011.05.17 @ 15:48:30 Page 2



Printed: 2011.05.17 @ 15:48:30 Ref. No: Trilobite Testing, Inc

Page 3



American Warrior Inc

LaDonna - Pablow Unit #1

P.O.Box 771517 Wichita KS, 67277

ATTN: Jason Alm

29-18s-21w Ness

Job Ticket: 42600

Test Start: 2011.05.17 @ 15:21:12

DST#: 2

#### GENERAL INFORMATION:

Formation: Miss

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

Time Tool Opened: 18:04:12 Tester: Cody Bloedorn 42

Time Test Ended: 22:26:42 Unit No:

Interval: 4231.00 ft (KB) To 4242.00 ft (KB) (TVD) Reference Elevations: 2127.00 ft (KB)

Total Depth: 4242.00 ft (KB) (TVD) 2121.00 ft (CF)

7.85 inches Hole Condition: Good KB to GR/CF: Hole Diameter: 6.00 ft

Serial #: 8700 Outside

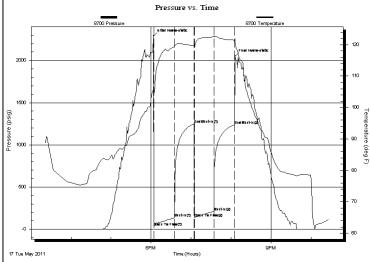
Press@RunDepth: 4239.00 ft (KB) 212.10 psig @ Capacity: 8000.00 psig

Start Date: 2011.05.17 End Date: 2011.05.17 Last Calib.: 2011.05.17 Start Time: 15:21:17 End Time: 2011.05.17 @ 18:03:42 22:26:41 Time On Btm:

Time Off Btm: 2011.05.17 @ 20:06:12

TEST COMMENT: 30 - IF- B.O.B. 16 Min

30 - ISI- No blow back 30 - FF- B.O.B. 24 Min. 30 - FSI- Weak surface blow



	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
	0	2288.22	105.65	Initial Hydro-static
	1	31.78	104.42	Open To Flow (1)
	32	137.87	119.38	Shut-In(1)
_	61	1247.05	119.67	End Shut-In(1)
empe	61	138.97	118.93	Open To Flow (2)
Temperature (deg F)	91	212.10	122.46	Shut-In(2)
(deg l	122	1239.25	121.43	End Shut-In(2)
۳	123	2051.21	121.05	Final Hydro-static

PRESSURE SUMMARY

#### Recovery

Length (ft)	Description	Volume (bbl)
62.00	50%W, 50%M	0.30
310.00	5%O, 5%M, 90%O	3.78
62.00	10%O, 30%M, 60%W	0.87
70.00	10%G, 90%O	0.98

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

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**FLUID SUMMARY** 

American Warrior Inc LaDonna - Pablow Unit #1

P.O.Box 771517 Wichita KS, 67277 29-18s-21w Ness

Job Ticket: 42600

DST#: 2

ATTN: Jason Alm

Test Start: 2011.05.17 @ 15:21:12

#### **Mud and Cushion Information**

Mud Type:Gel ChemCushion Type:Oil A Pl:39 deg A PlMud Weight:9.00 lb/galCushion Length:ftWater Salinity:6000 ppm

Viscosity: 57.00 sec/qt Cushion Volume: bbl

7.60 in<sup>3</sup> Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 8700.00 ppm Filter Cake: inches

#### **Recovery Information**

Water Loss:

#### Recovery Table

Length ft	Description	Volume bbl
62.00	50%W, 50%M	0.305
310.00	5%O, 5%M, 90%O	3.784
62.00	10%O, 30%M, 60%W	0.870
70.00	10%G, 90%O	0.982

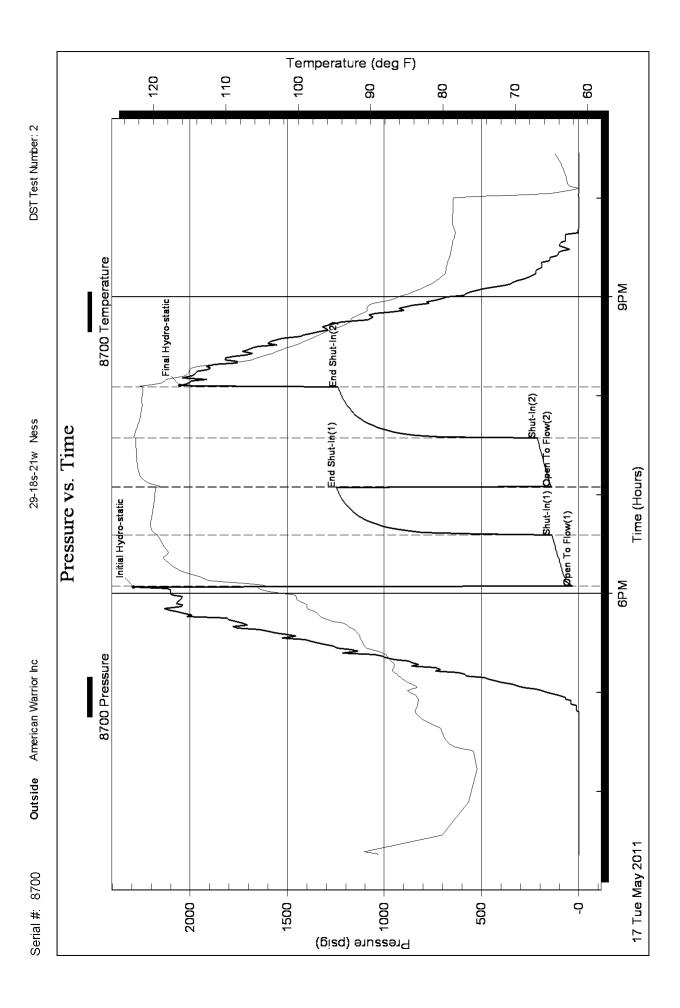
Total Length: 504.00 ft Total Volume: 5.941 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: Gravity: 37@58 Salinity: 1.0@ 67 Degrees

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Printed: 2011.05.18 @ 09:33:25 42600 Ref. No:

Trilobite Testing, Inc

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# **Geological Report**

American Warrior, Inc. **LaDonna-Pablo Unit #1**850' FSL & 100' FWL
Sec. 29 T18s R21w
Ness County, Kansas



American Warrior, Inc.

## **General Data**

Well Data:	American Warrior, I	nc.
	,	

LaDonna-Pablo Unit #1 850' FSL & 100' FWL Sec. 29 T18s R21w Ness County, Kansas API # 15-135-25240-0000

Drilling Contractor: Petromark Drilling, LLc Rig # 1

Geologist: Jason Alm

Spud Date: May 11, 2011

Completion Date: May 20, 2011

Elevation: 2121' Ground Level

2127' Kelly Bushing

Directions: Bazine KS, ½ mi. East on Hwy 96, North ¼ mi. on

EE rd. East into location.

Casing: 1384' 8 5/8" surface casing

4640' 5 1/2" production casing

Samples: 10' wet and dry, 3500' to RTD

Drilling Time: 3500' to RTD

Electric Logs: None

Drillstem Tests: Two, Trilobite Testing, Inc. "Cody Bloedorn"

Problems: Bit Trip @ 4553, lost circulation @ 4885'

Remarks: Were not able to continue drilling after lost

circulation. Packer Shoe set @ 4640'.

# **Formation Tops**

	American Warrior, Inc.
	LaDonna-Pablo Unit #1
	Sec. 29 T18s R21w
Formation	850' FSL & 100' FWL
Anhydrite	1370', +757
Base	1404', +723
Heebner	3604', -1477
Lansing	3652', -1525
BKc	3971', -1844
Pawnee	4052', -1925
Fort Scott	4130', -2003
Cherokee	4149', -2022
Mississippian	4217', -2090
Osage	4230', -2103
Gilmore City	4320', -2193
Viola	4409', -2282
Simpson	4586', -2459
Arbuckle	4595', -2468
RTD	4885', -2758

# **Sample Zone Descriptions**

## Mississippian Osage (4230', -2103): Covered in DST #1,2

Dolo –  $\Delta$  – Fine sucrosic crystalline with fair inter-crystalline and vuggy porosity, heavy trip chert, weathered with good vuggy porosity, good oil stain and saturation, fair show of free oil, good odor, bright yellow fluorescents, 51 units hotwire.

#### **Drill Stem Tests**

Trilobite Testing, Inc. "Cody Bloedorn"

## DST #1 <u>Mississippian Osage</u>

Interval (4230' – 4237') Anchor Length 7'

IHP - 2152 #

IFP - 45" - B.O.B. 30 min. 42-106 #
ISI - 45" - W.S.B. 1316 #
FFP - 45" - B.O.B. 34 min. 109-163 #
FSI - 45" - W.S.B. 1310 #

FHP - 2047 # BHT - 118°F

Recovery: 186' GIP

179' MGO 80% Oil

124'GOMCW 10% Oil, 60% Water

62' MGW

## DST #2 <u>Mississippian Osage</u>

Interval (4231' – 4242') Anchor Length 11'

IHP - 2288 #

IFP - 30" - B.O.B. 16 min. 31-138 #
ISI - 30" - Dead 1247 #
FFP - 30" - B.O.B. 24 min. 138-212 #
FSI - 30" - W.S.B. 1239 #

FHP - 2051 # BHT - 122°F

Recovery: 70' GO

62' OCMW 10% Oil, 60% Water 310' OMCW 5% Oil, 90% Water

62' MW

# **Structural Comparison**

	American Warrior, Inc.	American Warrior, Inc.		American Warrior, Inc.	
	· · · · · · · · · · · · · · · · · · ·	, in the second			
	LaDonna-Pablo Unit #1	LaDonna #1-29		Pablo #2-30	
	Sec. 29 T18s R21w	Sec. 29 T18s R21w		Sec. 30 T18s R21w	
Formation	850' FSL & 100' FWL	380' FSL & 1300' FWL		350' FSL & 800' FEL	
Anhydrite	1370', +757	1363', +763	<b>(-6)</b>	1379', +749	(+8)
Base	1404', +723	1399', +727	<b>(-4)</b>	1413', +715	(+8)
Heebner	3604', -1477	3594', -1468	<b>(-9</b> )	3603', -1475	<b>(-2)</b>
Lansing	3652', -1525	3640', -1514	<b>(-9</b> )	3650', -1522	(-3)
BKc	3971', -1844	3955', -1829	<b>(-15)</b>	3971', -1843	<b>(-1)</b>
Pawnee	4052', -1925	4038', -1912	<b>(-13)</b>	4046', -1918	<b>(-7)</b>
Fort Scott	4130', -2003	4118', -1992	<b>(-11)</b>	4130', -2002	<b>(-1)</b>
Cherokee	4149', -2022	4134', -2008	<b>(-14)</b>	4147', -2019	(-3)
Mississippian	4217', -2090	4201', -2075	<b>(-15)</b>	4221', -2093	(+3)
Osage	4230', -2103	4207', -2081	(-22)	4235', -2107	(+3)
Gilmore City	4320', -2193	Not Reached	NR	Not Reached	NR
Viola	4409', -2282	Not Reached	NR	Not Reached	NR
Simpson	4586', -2459	Not Reached	NR	Not Reached	NR
Arbuckle	4595', -2468	Not Reached	NR	Not Reached	NR

# **Summary**

The location for the LaDonna-Pablo Unit #1 was found via 3-D seismic survey. The new well ran structurally as expected via the survey. Two drill stem tests were conducted one of which recovered commercial amounts of oil from the Mississippian Osage Formation. After all gathered data had been examined the decision was made to drill and run casing through the Arbuckle to convert the well into a salt water disposal once production ceases.

#### **Recommended Perforations**

Mississippian Osage: (4230' – 4234') 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  APT# 15-135-25240-0000  GFOLOGIST'S REPORT	DASK DEFIN NO SEE MAKE THRE DEFIN OUT PERT NOUTO	No. Interval IFP/Time IEP/Time FSP/Time INI-FIRE IEED/Time IIII IIII IIII IIII IIII IIII IIII I	REMARKS Son location Sop.m. Sils-coll	DST#1  Mississippian  4730: 4737'  4730: 4737'  4730: 4737'  4730: 4737'  47:065#  138	Sit Trip @ 4553'  Sery Rough, Deilling  From 4658 thro TO  Septed to My  Joseph And My  Joseph And My  Joseph And My  Joseph And My  Septed to My  Septembly And My  Septembly
OPERATOR American Warrior, Inc. LEASE LaDonna Pablo WELL NO. 1 FIELD Dewald North LOCATION 850' FSL: 100' FWL SEC. 29 TWP. 18s RGE 21W COUNTY Ness STATE Kansas  COMMISSING RECORD  COMMISSING Petromark Drilling, LLC Rig # 1 COMMISSING TO None  PRODUCTION 512" 4640'	FORMATION STITIONAL DESCRIPTION OF ESTINA OLIGINATURE STITI	FND Fig. 19 19 19 19 19 19 19 19 19 19 19 19 19	\$\( \text{SMMPLE} \) \( \text{Constraint OBS} \) \$\( \text{SMMPLE} \) \( \text{Constraint OBS} \) \$\( \text{SMMPLE} \) \( \text{Constraint OBS} \) \$\( \text{SMMPLE} \) \( \text{SMMPLE} \	1.5- a/a  1.5- a	Delo - TO - ala  Sh - Ery Dela Ery - To - Madri Des  Sh - Ery Dela Ery - To - Madri  Delo - To - ala  Sh - Ery Dela Ery - To - Madri  Delo - To - ala  Delo -
Shifts sixed from 3500' to RTD  SMPLES EXMINED FROM 3500' TO RTD  GEOLOGICAL SUPERMISION FROM 3600' TO RTD  MID UP 3300' TYPE MID Chemics!  FORMATION  Anhydrite    1370' + 757 + 8     8ase		The location for the LaDonna-Pablo Unit #1 was found via 3-D seismic survey. The new well ran structurally as expected via the survey. Two drill stem tests were run, one of which recovered commercial amounts of oil from the Mississippian Osage Formation. After all gathered elata had been examined		Cherokie 1 200 1 200 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Pawnee 4052'-1925-7 Fort Scatt 4130'-2003-1 Cherokee 4149'-2022-3 Mississippien 4217'-2090+3 Osese 4230'-2193 Viola 4320'-2193 Viola 4409'-2282 Simpson 4586'-2459 Arbuckle 4595'-2468 Total Depth 4885'-2758  REFERENCE WELL FOR STRUCTURAL COMPARISON American Warrior, Inc. Pablo # 2-30 350' FSL = 800' FEL Sec. 30 T185 R21W		the decision was made to drill and run casing through the Arbuckle to convert the well into a Salt Water Disposal once production ceases.  Respectfully Submitted,  Jason Al.			