

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1253030

Form ACO-1 August 2013 Form must be Typed Form must be Signed All blanks must be Filled

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No. 15
Name:	Spot Description:
Address 1:	SecTwpS. R 🔲 East 🗌 West
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 #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxxx) (e.gxxx.xxxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
☐ Oil ☐ WSW ☐ SWD ☐ SIOW ☐ Gas ☐ D&A ☐ ENHR ☐ SIGW	Elevation: Ground: Kelly Bushing:
GG GSW Temp. Abd.	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Drilling Fluid Management Plan
Plug Back Conv. to GSW Conv. to Producer	(Data must be collected from the Reserve Pit)
Committed Describer	Chloride content: ppm Fluid volume: bbls
Commingled Permit #: Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
ENHR	Escation of haid disposal in hadica offsite.
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	QuarterSec TwpS. R East West
Recompletion Date Recompletion Date	County: Permit #:

AFFIDAVIT

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

Submitted Electronically

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

Page Two



Operator Name:				_ Lease l	Name: _			Well #:		
Sec Twp	S. R	East V	West	County	:					
INSTRUCTIONS: Shopen and closed, flow and flow rates if gas to	ring and shut-in pres o surface test, along	sures, whether s with final chart(shut-in pre s). Attach	ssure reac extra shee	hed stati t if more	c level, hydrosta space is neede	itic pressures, bot d.	tom hole temp	erature, flui	d recovery,
Final Radioactivity Lo- files must be submitte						gs must be ema	ailed to kcc-well-lo	gs@kcc.ks.go	v. Digital el	ectronic log
Drill Stem Tests Taker (Attach Additional S		Yes	No				on (Top), Depth ar			mple
Samples Sent to Geo	logical Survey	Yes	☐ No		Nam	e		Тор	Da	tum
Cores Taken Electric Log Run		☐ Yes ☐ Yes	☐ No ☐ No							
List All E. Logs Run:										
			CASING		☐ Ne					
	0: 11-1-	· ·				ermediate, product		# O	T	d Damasat
Purpose of String	Size Hole Drilled	Size Cas Set (In O		Weig Lbs. /		Setting Depth	Type of Cement	# Sacks Used		d Percent itives
		AD	DITIONAL	CEMENTIN	NG / SQL	JEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Ce	ement	# Sacks	Used		Type and F	ercent Additives		
Perforate Protect Casing										
Plug Back TD Plug Off Zone										
Did you perform a hydrau	•					Yes	No (If No, ski	p questions 2 ar	nd 3)	
Does the volume of the to							= :	p question 3)	of the ACO	()
Was the hydraulic fractur	ing treatment information	on submitted to the	e chemicai d	isciosure re	gistry?	Yes	No (If No, fill	out Page Three	or the ACO-1	<i>)</i>
Shots Per Foot		ION RECORD - I Footage of Each I					cture, Shot, Cement mount and Kind of Ma		d	Depth
TUBING RECORD:	Size:	Set At:		Packer A	i:	Liner Run:	Yes No			
Date of First, Resumed	Production, SWD or Ef	NHR. Prod	ducing Meth	ıod:		1				
			Flowing	Pumpin	g	Gas Lift C	Other (Explain)			
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate	er B	bls. (Gas-Oil Ratio		Gravity
DISPOSITIO	ON OF GAS:		M	METHOD OF	COMPLE	ETION:		PRODUCTION	ON INTERVA	
Vented Sold		Open		Perf.	Dually	Comp. Cor	mmingled			
	bmit ACO-18.)		(Specify)		(Submit)	ACO-5) (Sub	mit ACO-4)			

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Dave Albers 3-24
Doc ID	1253030

Tops

Name	Тор	Datum
Anhydrite	1438	795
Heebner	3713	-1480
Lansing	3761	-1528
Base Kansas City	4079	-1846
Pawnee	4194	1961
Ft. Scott	4273	-2040
Cherokee	4297	-2064
Mississippian	4353	-2120
TD	4371	-2138



CITY, STATE, ZIP CODE	ADDRESS CLYMETICON CURARESOF	CHARGE IO:
	O.A.	

TICKET 20000

PAGE

REFERRAL LOCATION SERVICE LOCATIONS 3 Inc. TICKETYTYPE CONTRACTOR

DISALES OSCOVEY WELL TYPE INVOICE INSTRUCTIONS WELL/PROJECT NO. 3.77 **JEASE** Dave WELL CATEGORY Orill. resolution of Albers JOB PURPOSE Commit 8% Surling Pin RIG NAMENO. COUNTY/PARISH SHIPPED DELIVERED TO КS STATE 00 mg WELL PERMIT NO. ORDER NO. DATE WELL LOCATION というと Busin 45- 105 OWNER Serma Lu Sink

4.20-/5	DATE SIGNED	START OF WORK OR DEL	LIMITED WARRANTY provisions	but are not limited	the terms and conc	LEGAL TERMS:	(85)	185					290	278	X.C	3)5	%3	525	RICE	
1400	TIME SIGNED	START OF WORK OR DELIVERY OF GOODS	ANTY provisions.	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	
		2	5	DEMN	of which	s and a													چ ج	
₹				ITY, an	include	igrees to													ACCOUNTING	
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/85-/98-2300	ARE ARE	SATI	SWIFT SERVICES, INC. PERFOR	WE UND	KEMI TAYMENI IO: OUR EQ		Minimu	Service Charge Comest					l	Calcium Chlorile		ראיכה	uma Charac - Shallow Surface	MILEAGE T+k 11)	DESCRIPTION	
D CUSTOMES NO NOT WEST TO SECTION	YOU SATISFIED WITH OUR SERVICE?	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								3 %	ا ()				מדץ.	
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SWIFT OPERATOR

Deuxel Kraha

APPROVAL

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

CUSTOMER DID NOT WISH TO RESPOND

Thank You!

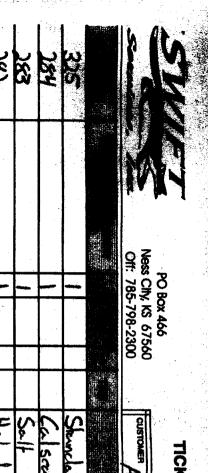
SWIFT Services, Inc. **JOB LOG** JOB TYPE Coment 8 % Surface Aje CUSTOMER American Warrior PUMPS PRESSURE (PSI) VOLUME (BBL) (GAL) TIME DESCRIPTION OF OPERATION AND MATERIALS TUBING 1330 TP-223 Gel 3% CC 1400 1430 41/1 150 sks @ 1440 pump + Lines 4/2 1450 13 % 13% 1455 1530 Thunks THE PERSON TO A PROPERTY OF TH

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HARGE TO:		
	American	Marrior
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TICKET 28382

And the second s	SWIFT OPERATOR DOWN HOLL	7.40.0	DATE SIGNED T	START OF WORK OR DELIVERY OF GOOD!	LIMITED WARRANTY provisions. MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO	but are not lipped to, PAYMENT, RELEASE, INDEMNITY, and	the terms and conditions on the reverse side hereof which include,	TRAI TEUMS: Customer hor		0		407	ğ	Z.	403	204	578	. S7S	PRICE SECONDAR FERENCE PART	REFERRAL LOCATION	•	9	was to be	SERVICE LOCATIONS	Services,
and the same party of the same and		MAZ	TIME SIGNED		OMER'S AGENT PRIOR TO	T, RELEASE, INDEMN	everse side hereof whic	shu sakasudadaas and				-	-		1		-	**	SECONDARY REFERENCE/ PART NUMBER LOC	INVOICE INSTRUCTIONS	0	D SALES DISCOL	TICKET TYPE CONTRACTOR	WELL/PROJECT NO.	Inc.
	APPROVAL		N.M.			NTY, and	h include,			8.2									ACCOUNTING ACCT DF			N T	Lux	LEASE	
	CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES APPROVAL	/83-/96-2300	705 700 7200	P.O. BOX 466	SWIFT SERVICES, INC		REMIT PAYMENT TO:				a	Insert Float	Latel Down	0,1	Coment Basks	70.5	Churac	MILEAGE		1 1	2 + 28 H	Drilling	Allers		(s.
	The continuous states are made.	3-2300			•	= <1-						٤	Phy & Boffle		(c) - 2 - 2	٠	- Longs/ring	(W + M)	DESCRIPTION	(Shi Longly	3	Alss	COUNTY/PARISH	
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TICKET CONTINUITION

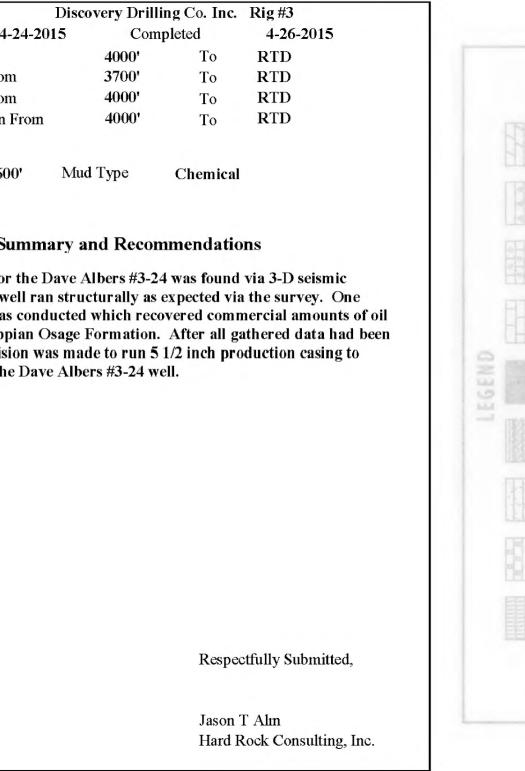
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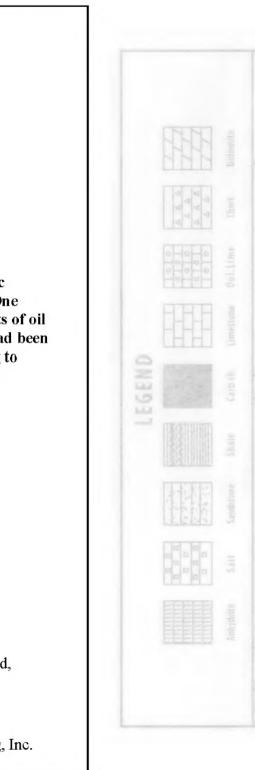
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HART NO.	TIME	RATE (BPM)	(BBL) (GAL)	T C	TUBING	CASING	DESCRIPTION OF OPERATION	ON AND MATERIALS
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							Bushol - 5 75	
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	0440						Start 5% 15.5 Cosi	ing in well
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	1120						Drop Ball Girculale	
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	·		75	- 		<u> </u>	Alua RII - MN	(30-20)
			1/3				I lug Kii Fin	(30 20)
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	1210	1/2	30	-		1	PINX IZ SAS EAL W	M 10 6 13,5
			-				wash out Pump + Lin- Relocase Latch Down	<u>es</u> .wi
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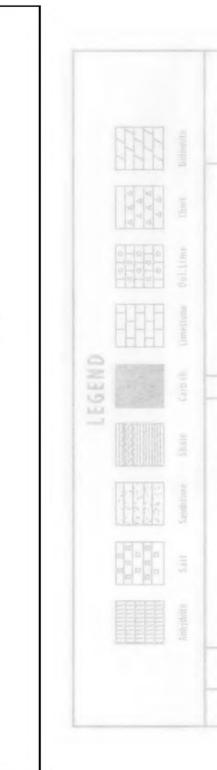


Lease Dave A	lbers		No.	3-24	DF GL	2225'
API # 15-135	-25867-0	0000	•		Casi Surface	ng Record
Eigld D					8 5/8" @ 222' Production 5 1/2" @ 4370'	
					Electrical Survey None	
Sec. 24	Twp.	20s	Rge.	22w		None
County N	less	State	Kar	ısas		
Formati	on	Log	Tops	Sampl	e Tops	Struct Cor
Anhydrite				1438'	+795	
Base					+764	
Heebner				3713'	-1480	FL
Lansing				3761'	-1528	FL
BKc				4079'	-1846	+4
Pawnee				4194'	-1961	
Fort Scott				4273'	-2 040	
Cherokee				4297'	-2064	
Mississippian				4353'	-2120	FL
Osage				4363'	-2130	+7
Total Depth				4371'	-2138	
Reference Well For C NE NW Sec. 24 T		-		Williamson	Bonduran	t B#1

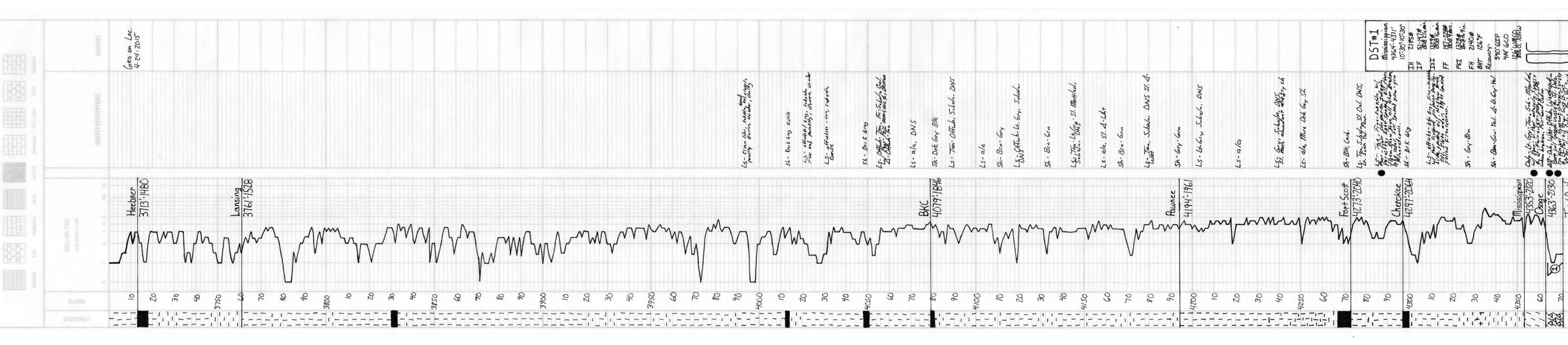
ng Contracto	or	Discovery Drill	ling Co. Inc.	Rig#3
nenced	4-24-20	15 Com	npleted	4-26-2015
les Saved Fr	om	4000'	To	RTD
ng Time Kep	ot From	3700'	To	RTD
les Examine	ed From	4000'	To	RTD
gical Super	vision From	4000'	То	RTD
acement	3600'	Mud Type	Chemical	
	Summa	ary and Recor	mmendatio	ns
om the Mis	sissippian O decision wa	sage Formation	. After all ga 51/2 inch pro	nercial amounts of oil thered data had been duction casing to











Geological Report

American Warrior, Inc.

Dave Albers #3-24
335' FNL & 2305' FEL
Sec. 24 T20s R22w
Ness County, Kansas



American Warrior, Inc.

General Data

Well Data:	American Warrior, Inc.
	Dave Albers #3-24
	335' FNL & 2305' FEL

Sec. 24 T20s R22w Ness County, Kansas API # 15-135-25867-0000

Drilling Contractor: Discovery Drilling Rig #3

Geologist: Jason T Alm, D.J. Rebel

Spud Date: April 20, 2015

Completion Date: April 26, 2015

Elevation: 2225' Ground Level

2233' Kelly Bushing

Directions: Bazine KS, South 10 mi. to 30 rd. West ½ mi. South

into location.

Casing: 222' 8 5/8" surface casing

4370' 5 1/2" production casing

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

Drilling Time: 3700' to RTD

Electric Logs: None

Drillstem Tests: One, Trilobite Testing, Inc. "Jim Svaty"

Problems: None

Remarks: There was trace amounts of H2S found in fluid

recovery on DST #1. 20 ppm was the highest

reading.

Formation Tops

Formation	American Warrior, Inc. Dave Albers #3-24 Sec. 24 T20s R22w 335' FNL & 2305' FEL
Anhydrite	1438', +795
Base	1469', +764
Heebner	3713', -1480
Lansing	3761', -1528
BKc	4079', -1846
Pawnee	4194', -1961
Fort Scott	4273', -2040
Cherokee	4297', -2064
Mississippian	4353', -2120
Osage	4363', -2130
RTD	4371', -2138

Sample Zone Descriptions

Mississippian Osage (4363', -2130): Covered in DST #1

 Δ – White, weathered in part with good vuggy porosity, slightly dolomitic, fine crystalline with pinpoint inter-crystalline and vuggy porosity, light to fair oil stain with scattered light saturation, fair show of free oil, good odor, fair yellow spotted fluorescents.

Drill Stem Tests

Trilobite Testing, Inc. "Jim Svaty"

Mississippian Osage DST #1

Interval (4364' – 4371') Anchor Length 7'

IHP **- 2185 #**

- 10" - B.O.B. 2 ½ min. IFP 51-147 #

– 30" – B.O.B. 16 min. 1329# ISI

– 10" – B.O.B. 4 min. 147-228 # 🌆 FFP

-30" – Built to 9 in. FSI 1328 #

FHP -2140 #

BHT $-126^{\circ}F$

Recovery: 540' GIP

414' GCO

80% Oil, 10% Water 126' WMCO

Structural Comparison

	American Westian Inc	Daina & Williamson		D' 1 ' A #1	
	American Warrior, Inc.		Rains & Williamson Pickering A #1		
	Dave Albers #3-24	Bondurant B #1 Cities Service			
	Sec. 24 T20s R22w	Sec. 24 T20s R22w		Sec. 24 T20s R22w	
Formation	335' FNL & 2305' FEL	335' FNL & 2305' FEL		W2 NW NE	
Anhydrite	1438', +795	NA	NA	NA	NA
Base	1469', +764	NA	NA NA NA		NA
Heebner	3713', -1480	3710', -1480	\mathbf{FL}	3699', -1483	(+3)
Lansing	3761', -1528	3758', -1528	FL	3746', -1530	(+2)
BKc	4079', -1846	NA	NA	NA	NA
Pawnee	4194', -1961	NA	NA	NA	NA
Fort Scott	4273', -2040	NA	NA	4264', -2048	(+8)
Cherokee	4297', -2064	NA	NA	4290', -2074	(+10)
Mississippian	4353', -2120	4350', -2120	\mathbf{FL}	4363', -2147	(+27)
Osage	4363', -2130	4367', -2137	(+7)	4398', -2182	(+52)

Summary

The location for the Dave Albers #3-24 was found via 3-D seismic survey. The new well ran structurally as expected via the survey. One Drill Stem Test was conducted which recovered commercial amounts of oil from the Mississippian Osage Formation. After all gathered data had been examined the decision was made to run 5 ½ inch production casing to further evaluate the Dave Albers #3-24 well.

Recommended Perforations

Primary:

Mississippian Osage (4363' – 4370') DST #1

Before Abandonment:

Fort Scott (4284' – 4289') Not Tested

Respectfully Submitted,

Jason T Alm Hard Rock Consulting, Inc.



Prepared For: American Warrior Inc

PO Box 399

Garden City KS 67846

ATTN: Jason T Alm

Dave Albers #3-24

24-20s-22w Ness,KS

Start Date: 2015.04.25 @ 20:00:00 End Date: 2015.04.26 @ 02:24:00 Job Ticket #: 62379 DST #: 1

Trilobite Testing, Inc

1515 Commerce Parkway Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



American Warrior Inc

24-20s-22w Ness, KS Dave Albers #3-24

PO Box 399

Job Ticket: 62379

Garden City KS 67846

DST#: 1

ATTN: Jason T Alm

Test Start: 2015.04.25 @ 20:00:00

GENERAL INFORMATION:

Formation: Mississippian

Deviated: Whipstock: Test Type: Conventional Bottom Hole (Initial) ft (KB)

Time Tool Opened: 22:20:45 Time Test Ended: 02:24:00

Interval: 4364.00 ft (KB) To 4371.00 ft (KB) (TVD)

Total Depth: 4371.00 ft (KB) (TVD)

7.88 inches Hole Condition: Fair Hole Diameter:

Jim Svaty Tester: Unit No: 76

Reference Elevations: 2233.00 ft (KB)

2225.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8289 Outside

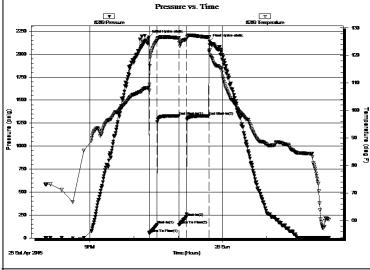
Press@RunDepth: 4365.00 ft (KB) 228.27 psig @ Capacity: 8000.00 psig

Start Date: 2015.04.25 End Date: 2015.04.26 Last Calib.: 2015.04.26 Start Time: 20:00:02 End Time: 02:24:15 Time On Btm: 2015.04.25 @ 22:20:30 Time Off Btm: 2015.04.25 @ 23:42:30

TEST COMMENT: 10-IF- BOB in 2 1/2 min.

30-ISI- BOB in 16 min. 10-FF- BOB in 4 min.

30-FSI- Surface Blow in 1 min. Building to 9"



TRESSURE SUMMARY						
Time	Pressure	Temp	Annotation			
(Min.)	(psig)	(deg F)				
0	2185.04	108.39	Initial Hydro-static			
1	51.39	107.27	Open To Flow (1)			
11	146.92	125.28	Shut-In(1)			
41	1329.42	126.42	End Shut-In(1)			
41	146.87	125.77	Open To Flow (2)			
51	228.27	125.95	Shut-In(2)			
81	1328.37	126.65	End Shut-In(2)			
82	2140.03	123.92	Final Hydro-static			
	(Min.) 0 1 11 41 41 51 81	(Min.) (psig) 0 2185.04 1 51.39 11 146.92 41 1329.42 41 146.87 51 228.27 81 1328.37	(Min.) (psig) (deg F) 0 2185.04 108.39 1 51.39 107.27 11 146.92 125.28 41 1329.42 126.42 41 146.87 125.77 51 228.27 125.95 81 1328.37 126.65			

PRESSURE SUMMARY

Recovery

Description	Volume (bbl)
0 WMCO 10%w 10%m 80%o	
GCO 10%g 90%o	5.81
0.00 540 GIP 2- Stds H2S 20ppm	
	WMCO 10%w 10%m 80%o GCO 10%g 90%o

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

Trilobite Testing, Inc Ref. No: 62379 Printed: 2015.04.27 @ 10:28:41



American Warrior Inc

PO Box 399

Garden City KS 67846

ATTN: Jason T Alm

24-20s-22w Ness, KS

Dave Albers #3-24

Job Ticket: 62379 DST#: 1

Test Start: 2015.04.25 @ 20:00:00

GENERAL INFORMATION:

Formation: Mississippian

Deviated: Whipstock: No ft (KB)

Time Tool Opened: 22:20:45 Time Test Ended: 02:24:00

4364.00 ft (KB) To 4371.00 ft (KB) (TVD) Interval:

Total Depth: 4371.00 ft (KB) (TVD)

7.88 inches Hole Condition: Fair Hole Diameter:

Test Type: Conventional Bottom Hole (Initial) Jim Svaty Tester:

Unit No: 76

2233.00 ft (KB)

Reference Elevations:

2225.00 ft (CF) KB to GR/CF: 8.00 ft

2015.04.26

Serial #: 6668

Inside

Press@RunDepth:

psig @ 2015.04.25

4365.00 ft (KB)

2015.04.26

Capacity:

8000.00 psig

Last Calib.:

Time On Btm:

Start Date: Start Time:

20:00:02

End Date: End Time:

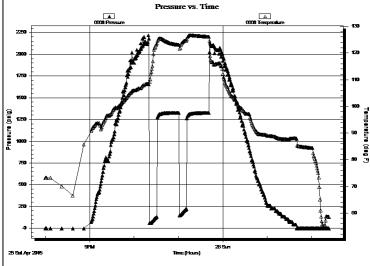
02:23:45

Time Off Btm:

TEST COMMENT: 10-IF- BOB in 2 1/2 min.

30-ISI- BOB in 16 min. 10-FF- BOB in 4 min.

30-FSI- Surface Blow in 1 min. Building to 9"



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1	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
ا,				
,				

Recovery

Length (ft)	Description	Volume (bbl)
126.00	WMCO 10%w 10%m 80%o	1.49
414.00	GCO 10%g 90%o	5.81
0.00	540 GIP 2- Stds H2S 20ppm	0.00

Gas Rates

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

Trilobite Testing, Inc Ref. No: 62379 Printed: 2015.04.27 @ 10:28:41



TOOL DIAGRAM

American Warrior Inc

24-20s-22w Ness,KS

Dave Albers #3-24

PO Box 399

Garden City KS 67846

Job Ticket: 62379 **DST#: 1**

ATTN: Jason T Alm

Test Start: 2015.04.25 @ 20:00:00

Tool Information

Drill Pipe: Length: 43
Heavy Wt. Pipe: Length:
Drill Collar: Length:

Length: 4312.00 ft Diameter:
Length: 0.00 ft Diameter:
Length: 31.00 ft Diameter:

3.80 inches Volume: 60.49 bbl 2.75 inches Volume: 0.00 bbl 2.25 inches Volume: 0.15 bbl

Total Volume:

60.49 bbl Tool Weight:
0.00 bbl Weight set of
0.15 bbl Weight to Pul

Tool Weight: 2500.00 lb Weight set on Packer: 25000.00 lb Weight to Pull Loose: 63000.00 lb

60.64 bbl Tool Chased

0.00 ft

String Weight: Initial 60000.00 lb Final 61000.00 lb

Drill Pipe Above KB: 7.00 ft
Depth to Top Packer: 4364.00 ft

Depth to Bottom Packer: ft
Interval betw een Packers: 7.00 ft
Tool Length: 35.00 ft

2 Diameter: 6.75 inches

Tool Comments:

Number of Packers:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4337.00		
Shut In Tool	5.00			4342.00		
Hydraulic tool	5.00			4347.00		
Jars	5.00			4352.00		
Safety Joint	2.00			4354.00		
Packer	5.00			4359.00	28.00	Bottom Of Top Packer
Packer	5.00			4364.00		
Stubb	1.00			4365.00		
Recorder	0.00	6668	Inside	4365.00		
Recorder	0.00	8289	Outside	4365.00		
Perforations	3.00			4368.00		
Bullnose	3.00			4371.00	7.00	Bottom Packers & Anchor

Total Tool Length: 35.00

Trilobite Testing, Inc Ref. No: 62379 Printed: 2015.04.27 @ 10:28:42



FLUID SUMMARY

ppm

American Warrior Inc 24-20s-22w Ness,KS

PO Box 399 Dave Albers #3-24

Garden City KS 67846 Job Ticket: 62379 DST#:1

ATTN: Jason T Alm Test Start: 2015.04.25 @ 20:00:00

Mud and Cushion Information

Mud Type: Gel Chem Cushion Type: Oil API: 37 deg API

Mud Weight: 9.00 lb/gal Cushion Length: ft Water Salinity:

Viscosity: 50.00 sec/qt Cushion Volume: bbl

Water Loss: 8.77 in³ Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 5800.00 ppm Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl	
126.00	WMCO 10%w 10%m 80%o	1.485	
414.00	GCO 10%g 90%o	5.807	
0.00	540 GIP 2- Stds H2S 20ppm	0.000	

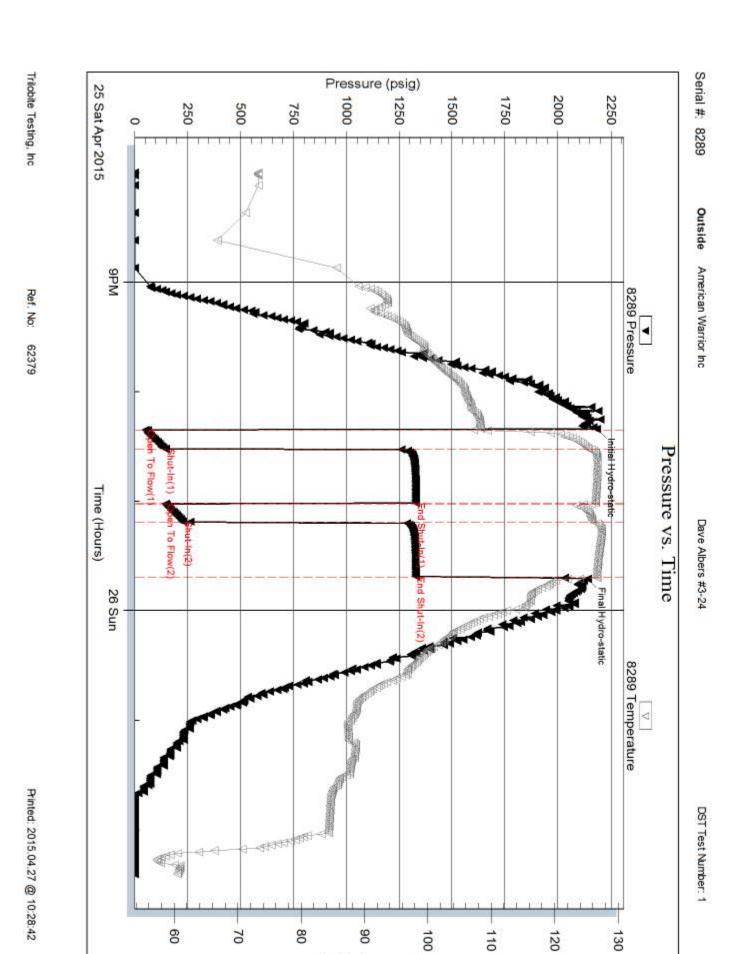
Total Length: 540.00 ft Total Volume: 7.292 bbl

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

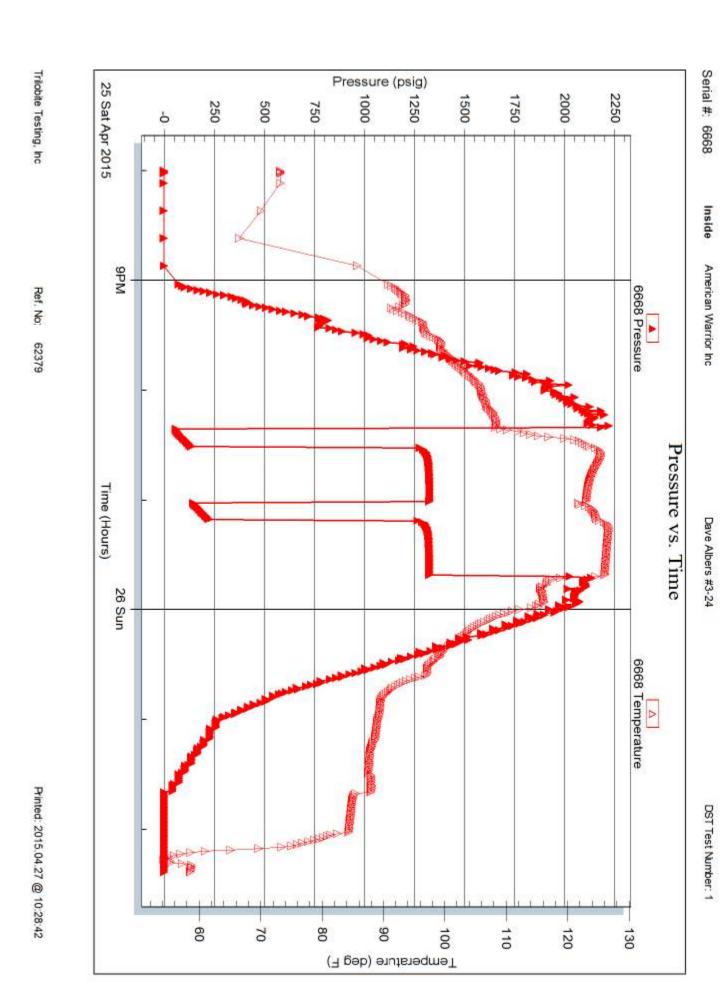
Laboratory Name: Laboratory Location:

Recovery Comments:

Trilobite Testing, Inc Ref. No: 62379 Printed: 2015.04.27 @ 10:28:42



Temperature (deg F)





RILOBITE ESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

No. 62379

Well Name & No. Dave Albers 3	3-24	Test No		ate 4-25	-15	
Company American Warrior	- INC	Elevațion	2233	KB 2225	GL	
Address 3118 Cummings Rd	Box 399	Garden	City K	S 6784	16	
Co. Rep/Geo. JASONT, Alm		00	covery	3		
Location: Sec. 24 Twp. 205	Rge. 22 W	co Ne_	55	State K	5	
Interval Tested 4364 4371	Zone Tested	Miss.				
Anchor Length	Drill Pipe Run	4312	Mu	d Wt		
Top Packer Depth 4359	Drill Collars Ru	n_31	Vis	50		
Bottom Packer Depth 4364	Wt. Pipe Run_	0	WL	8.8		
Total Depth4371	Chlorides	5800 ppr	n System LCI	м		
Blow Description IF - BOB in	1 2/2m	11,001				
ISI- BOB in	16 mini					
FF- BOBIN	Humin.					
FSI- SurFace Blo	win lmin	. Buildin	ato q:	N.		
Rec 126 Feet of WMCO		%gas 80	O %oil /(9 %water /	O %mud	
Rec 414 Feet of 20		/ 0 %gas	70 %oil	%water	%mud	
Rec Feet of	11. 10	%gas	%oil	%water	%mud	
Rec Feet of 540	DIP	%gas	%oil	%water	%mud	
Rec Feet of 2-5td 4-20pg	m H25	%gas	%oil	%water	%mud	
Rec Total 540 BHT /26	Gravity <u>37</u>	_ API RW	@°F Ch	nlorides	ppm	
(A) Initial Hydrostatic 2/85	™ Test 1150		_ T-On Locat	tion $18:0$	4	
(B) First Initial Flow51		Line Section	T-Started _	20:0	0	
(C) First Final Flow	Safety Joint_	75	T-Open	22/1	/	
(D) Initial Shut-In	☐ Circ Sub	3	T-Pulled	23.7	1	
(E) Second Initial Flow	☐ Hourly Standby	/	T-Out	02:2	ŕ	
(F) Second Final Flow228	Mileage	125 RT	Comments —			
(G) Final Shut-In	☐ Sampler	125				
(H) Final Hydrostatic 2140	☐ Straddle	e ie o	— □ Ruineo	Shale Packer		
/ -	☐ Shale Packer_			Packer		
itial Open			☐ Extra Copies			
Initial Shut-In 30	Extra Recorder			Sub Total 0		
Final Flow	☐ Day Standby			1600		
Final Shut-In 30	☐ Accessibility		MP/DST	MP/DST Disc't		
	Sub Total1600	0	-	3///		
Approved By		Our Representative	1/m	- Wall		
Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or equipment, or its statements or opinion concerning the results of any test, tools I	r personnel of the one for who lost or damaged in the hole sh	om a test is made, or for any lo hall be paid for at cost by the p	ss suffered or sustained, arty for whom the test is	directly or indirectly thromade.	ugh the use of its	