

Kansas Corporation Commission Oil & Gas Conservation Division

1054550

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
If Workover/Re-entry: Old Well Info as follows:	
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 #:	Quarter Sec TwpS. R
☐ ENHR Permit #: ☐ GSW Permit #:	County: Permit #:
Spud Date or Date Reached TD Completion Date or 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

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	Pablo 2-30
Doc ID	1054550

Tops

Name	Тор	Datum
Anhydrite	1379	749
Heebner	3603	-1475
Lansing	3650	-1522
ВКС	3971	-1843
Pawnee	4046	-1918
Ft. Scott	4130	-2002
Cherokee	4147	-2019
Mississippian	4221	-2107
TD	4240	-2112



DRILL STEM TEST REPORT

American Warrior, Inc.

Pablo 2-30

PO Box 399

Job Ticket: 41350

30-18s-21w, Ness, Ks

DST#: 1

GardenCity Ks 67846

ATTN: Jason Alm

Test Start: 2011.01.02 @ 16:13:00

GENERAL INFORMATION:

Formation: Miss.

Interval:

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:11:30 Time Test Ended: 23:12:30

4231.00 ft (KB) To 4240.00 ft (KB) (TVD)

Total Depth: 4240.00 ft (KB) (TVD)

Hole Diameter: 6.75 inches Hole Condition: Fair Test Type: Conventional Bottom Hole Brett Dickinson

Reference Elevations:

Tester:

Unit No:

2128.00 ft (KB)

2122.00 ft (CF)

KB to GR/CF: 6.00 ft

Serial #: 8319 Outside

Press@RunDepth: 463.01 psig @ 4232.00 ft (KB) Capacity: 8000.00 psig

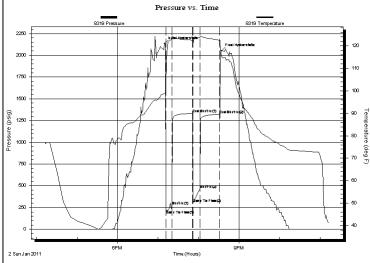
Start Date: 2011.01.02 End Date: 2011.01.02 Last Calib.: 2011.01.02 Start Time: 16:13:05 End Time: 2011.01.02 @ 19:09:30 23:12:29 Time On Btm:

Time Off Btm: 2011.01.02 @ 20:34:00

PRESSURE SUMMARY

TEST COMMENT: IF-BOB in 2min

ISI-No blow FF-BOB in 2min FSI-No blow



	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
	0	2134.34	98.77	Initial Hydro-static
	2	169.59	100.74	Open To Flow (1)
	11	269.64	123.35	Shut-In(1)
Τp	42	1332.26	122.49	End Shut-In(1)
o mono	42	299.19	120.29	Open To Flow (2)
roturo	52	463.01	123.93	Shut-In(2)
. (dea	82	1323.28	122.55	End Shut-In(2)
פ	85	2049.73	115.29	Final Hydro-static
		1		

Recovery

Length (ft)	Description	Volume (bbl)
310.00	w ater	3.22
560.00	SGOCW 15%G 30%O 55%W	7.86
105.00	SGMCO 10%G 50%O 40%M	1.47

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

Trilobite Testing, Inc. Ref. No: 41350 Printed: 2011.01.03 @ 07:56:16 Page 1



DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc. **Pablo 2-30**

PO Box 399 30-18s-21w, Ness, Ks

GardenCity Ks 67846 Job Ticket: 41350 DST#: 1

Test Start: 2011.01.02 @ 16:13:00 ATTN: Jason Alm

Mud and Cushion Information

Mud Type: Gel Chem Cushion Type: Oil API: deg API Water Salinity: ppm

Mud Weight: Cushion Length: 10.00 lb/gal ft

Viscosity: 46.00 sec/qt Cushion Volume: bbl Water Loss: 9.59 in³Gas Cushion Type:

Resistivity: Gas Cushion Pressure: ohm.m psig

Salinity: 6900.00 ppm Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
310.00	water	3.219
560.00	SGOCW 15%G 30%O 55%W	7.855
105.00	SGMCO 10%G 50%O 40%M	1.473

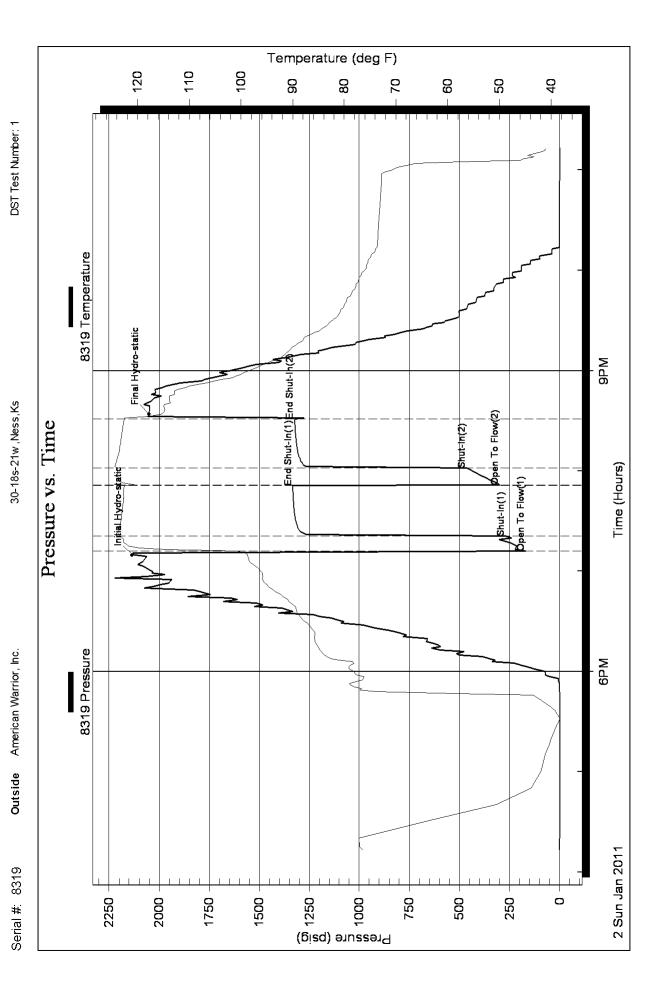
Total Length: 975.00 ft Total Volume: 12.547 bbl

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

Laboratory Location: Laboratory Name:

Recovery Comments:

Trilobite Testing, Inc Ref. No: 41350 Printed: 2011.01.03 @ 07:56:17 Page 2



Printed: 2011.01.03 @ 07:56:18 Page 3 41350 Ref. No:

Trilobite Testing, Inc



ADDRESS	ADDRESS	Hreeken Wastion
		ADDRESS

CITY, STATE, ZIP CODE

TICKET 19977

201 F 10009 A1101	79 41000								
SERVICE LOCATIONS,	WELL/PROJECT NO.	LEASE	11	COUNTY/PARISH	STATE	CITY		DATE ION	OWNER
1. May 4 KS	2.30		ななる	Neso	7.7	STATE	P	28 24010	
1.9	TICKET TYPE CONTRACTOR			RIG NAME/NO.	SHIPPED	SHIPPED DELIVERED TO /		ORDER NO.	
3	O SALES		Participanish	"	3	· location	ب		
19	WELL TYPE	BW	WELL CATEGORY	JOB PURPOSE		WELL PERMIT NO.		WELL LOCATION	
	7,1		L'in loomant	coment have sucher or	26			SN -0E	SU CHE - SN - OE
REFERRAL LOCATION	INVOICE INSTRUCTIONS		*	, p					C.
PRICE SECO	SECONDARY REFERENCE/ AC	ACCOUNTING		7700717101				TMU	
EFERENCE	PART NUMBER LOC	LOC ACCT DF	OF	DESCRIPTION		QTY. UM C	QTY UM	PRICE	TNUOMA
575	1		MILEAGE T	TEK 114		× 02		500	10000

	DATE SIGNED	START OF WORK OR DELIVERY OF GOODS	LIMITED WARRANTY provisions	the terms and condi	LEGAL TERMS: C	dlb	581	583	290	126	181	276	330	109	412	STLD	575	PRICE
1 9	TIME SIGNED	START OF WORK OR DELIVERY OF GOODS	NTY provisions.	the terms and conditions on the reverse side hereof which include, but are not limited to. PAYMENT, RELEASE, INDEMNITY, and	LEGAL TERMS: Customer hereby acknowledges and agrees to												٠	SECONDARY REFERENCE/ PART NUMBER
	5	2		of which	es and a		_	-		_	-	-	_	_	_		1	LΘC ▶
	2 2 2 2			ninclud	agrees t													ACCOUNTING ACCT
				<u> </u>	0													무
700-730-2000	785-708-2200	P.O. BOX 466 NESS CITY KS 67560	SWIFT SERVICES, INC.	ZEMIT PATMENT TO.	DEMIT DAYMENT TO	TOP PUL	Sivice Charge	Dra-yage	D-AR	KCL Liquid	MUDFLUSH	Flowle	SMO Grat	Turbolizes	Zahle Plate	Punchage	MILEAGE TEK 114	DESCRIPTION
CUSTOMER DID NOT WISH TO RESPOND	AKE 100 SATISFIED WITH OUR SERVICES	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?	MET YOUR NEEDS? OUR SERVICE WAS PERFORMED WITHOUT DELAY?	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? WE UNDERSTOOD AND	SURVEY	88	450	44779\$		7	(NS	1m	(M)	85%	A8	,	70	מוץ.
HSIM TO	K SEKVICA	NT T	-3			S in	sk	\$ 15	Cal	601	bal	1/6) sk	in	1 14	-	*	NA.
TO RESPO	™			-	AGREE DECIDED			4478					477	,				QΠY
ð					DED AGREE	1 04		BITM		_	-		T	1100	1 09			
2	<u>. </u>	TAX		1000	BAGE TOTAL	100 W	150	1 60	35 00	75 00	100	1 50	15 00	90 00	00 001	1100 00	Stoo	PRICE
			7687 80	45497	/ 0 33 7	100	6751	447	105-6	50 k	500 k	150	1858;	360	100 1	10011	100	LNDOWY
			8	B	8	8	8	80	0	8	S	8	80	8	8	3	8	

SWIFT OPERATOR

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES

APPROVAL

Thank You!

1		B	•	n	2	
-1	u		L	u		

SWIFT Services, Inc.

DATE 28 DEC 10 PAGENO.

CUSTOMER	can Ubs	rior	WELL NO. 2	30	LEASE	Pab	o	Coment cleap sunface pape TICKET NO. 19977
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS	PR C TUBI	ESSURE (P	BI) ASING	DESCRIPTION OF OPERATION AND MATERIALS
NO.		(DFM)	(BBL) (GAL)		C TUBE	NG C	ASING	490 sks · SMD w/ flocale
								40 sks - SMD w/ flocale 500 mustbest - 70 bbl kel flush -20mi - Controlized 1,4,8,28
								-20mi - Cantolizena 1,4,8,28
								85-23" pipe 33 joints
	2000							
	800						·	on loc 72× 114
	07		·					
	2110							Stat 8 x 23" pipe in well
,						1		
	3370							88 in the well
								hook up to truck
	23/0	43	12		.,		300	Dung 500 gol mintflish
<u>:</u>		44	20				<u> 300</u>	pook up to truck pomo 500 gol medflish pomo 20 bbl KCL plan
								<i>V</i>
	2325							bulk truck companion not string engaged
	2345				_			discount bulk truck - sed to town
								for a new truck
								circulate well w/ rig mid purp
	0045	<i>(</i> 2	70					new-bulk trucken Inc w/ 400sts SMD
		634	70				200	M. 4 5 M D 6 11.8 989 (1958)
			70					mix 5mD 6 11.8 289 (1856) my 5mD 6 125 ppg (1805/5) my 5mD 6 125 ppg (1005/5) my 5mD 6 145 (1005/5) (4005/5 mixed)
		:	建					m, 3mb 13pg (1053)
 -			27	-				(Martin 1)
								Polar d
	0120	63					30	De de
		63/4	~ 3 -				350	Relaxe plug Displace Commit to sinface - (200 than a full tick out Stream
	0145:	674	52	- +			500	but at Street
	(47) %		60					Chart in Clisical Amen 78 Whit
		 .			1			comment to simple - Cops than a full state out Stream Short in cosi. of Approx 20 bbl worth truck to pit
								RACK UP
	6230							RACK UP , it consists
	OUN							
							_	This few plant John



CITY, STATE, ZIP CODE

ADDRESS AMERICAN WARRIOR

TICKET 20017

Services, Inc.	inc.					_ Ն
SERVICE LOCATIONS	WELL/PROJECT NO.	ILEASE	COUNTYSANGU	STATE	7.01	5
INESS (STY, KS.		PABLO 2-30	> ESS	なるないでと	DATE OWNER	70
2.	TICKET TYPE CONTRAC	TICKET TYPE CONTRACTOR	RIG NAME/NO.	SHIPPED DELIVERED TO	ORDER NO.	
	SALES FT	SOMBRE DRILLING NIG #	. section	LOCATOR		
	WELL TYPE	WELL CATEGORY JOB	JOB PURPOSE	WELL PERMIT NO.	WELL LOCATION	
	OIL	DEVELORMENT	SULDUGSTRING		IF NIN WIN	ノコンへたになっ
REFERRAL LOCATION	INVOICE INSTRUCTIONS				1,1,1,1	

	DATE SIGNED	START OF WORK OR DELIVERY OF GOODS	MUST BE SIGNED BY CUS	LIMITED WARRANTY provisions	the terms and cond	LEGAL TERMS: 0					221	5281	407	406	403	402	578	575	REFERENCE	
	TIME SIGNED	¥ G	MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO	LIMITED WARRANTY provisions	the terms and conditions on the reverse side hereof which include, but are not limited to BAVIIFANT DELEASE INCREMENT	LEGAL TERMS: Customer hereby acknowledges and agrees to													SECONDARY REFERENCE/ PART NUMBER	
- 1		i	3		of which	s and a							E	E	E	E		E	ନ୍ଦ୍ର	
				II Y, an	include	agrees t													ACCOUNTING ACCT	
						Ö													- ਨ 무	
	T ≥	P.O. BOX 466 NESS CITY KS 67560 SATISFAC	SWIFT SERVICES, INC. PERFORM		VITING N. OUR EQUI						LIGHT KCT	DIUD RUSH	A INSERT FICAT SHOP W/ANTO FICE	LATCH DOWN PLUC & BAGAI	CENENT BASKET	CEUTRALIZERS	PLAND CHARGE	MILEAGE #110	DESCRIPTION	
CUSTOMER DID NOT WISH TO RESPOND	RE YOU SATISHED WITH OUR SERVICE?	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?	PERFORMED WITHOUT DELAY?	RSTOOD AND RNEEDS?	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	SURVEY		·			S.	Sα				S			QTY.	
HSIM TO	SERVICE	5	?		Ļ	AG:	_		-	- 5	<u>ک</u>	عجلا	1/2	1/24	1/120	2	(S)	3 F	L L	
TO RESPOND	© No					AGREE DECIDED				_						_	424687		QTY.	
						DIS- AGREE	_	_	_								77	_	≨	
IOIAL		TAX			TAWS	200					10 N N N N N N N N N N N N N N N N N N N	/ 🗇	275700	225	300	\$21%	00/11/	19/2	PRICE	
	•		6746	os "" 5 '	3921 159	3025					∞ (7S	800) BB	a 52万	222 B		275109	\$ (JUh)	/O/) P	AMOUNT	

SWIFT OPERATOR

Thank You!



TICKET CONTINUATION

No. 20017

582	581	325							2	<i>y</i>					292	284	283	276	4:20 	Socodon
												-	*.*.				**			, france
												- g-5-n					1			Ness City, KS 67560 Off: 785-798-2300
LOWER MILES		STAUDARDCENFAT												•	HALAD 322	CALSEAL	SALT	FLOCEIE		CUSTOMER AMERICAN WARRIDR
8/:55/	CUBIC FEET //SSx	1775 Sx													1/65	8 by 800 11/16	900/18	44 /bs.		WELL PASLO 2-30
250	155	12/2												-	7 8	\$\]\@	IS.	/ sz		MIE ZJAN//
250150	262 %	21001	-		•										808	24010	135100	(plo 92)		PAGE OF 2

JOB LOG

SWIFT Services, Inc.

DATE 3 IAN ! | PAGE NO

CUSTOMER DETERM	BALU UAS	PIOR	WELL NO.		LEASE	02-	30 JOB TYPE 1 LUNKSTRING TICKET NO. 20017
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS T C	PRESSUR TUBING	E (PSI) CASING	DESCRIPTION OF OPERATION AND MATERIALS
	900						CNACCATION
,	1000						START PIPE S女·15.5世
		·			·		RTDE 4240
						,	SHOE JT. 4223 SETE 4239
							CELTRALIZERS 1,2 3 4 80
-							BASKET 5
	1200					<u> </u>	DROP RAIL CIRCULATE.
-							
	1235	le	12	~		200	Pump SOO GAL MILLO FLUGA
	1237	0	20	7		200	Pump 20 BbP KCL FLUSH
	1241	· · · · · · · · · · · · · · · · · · ·	17				PLUG RH (305x)
	1243	4	35	7	<u> </u>	200	m/x 145 sx EAZE 15.5 pp6.
	1256						WASH OUT PUMPING LINES.
ta in the							
	1259	6					RELEASE PLUG START DISPLACEMENT
`. \	1316	-	100	7		1500	PLUE DOWN PRESSURE UPLATCH PLUG IN
	1318			7	·	Ø	RELEASE PRESSURE DRY
							\
·	1321		. ,				WASH TRUCK
	·						
	1345						JOB COMPLETE.
						·	
	·					<u></u>	THANKS # 110
						,	
						<u> </u>	JASON JEFF LANE



America	Darage	*		
ADDRESS		i a		
CITY CITY TO COME				

19908

	TE SIGNED	ART OF WORK OR DELIVE	INITED WARRANTY provisions	ne terms and condition	EGAL TERMS: Cu					582	185	290	376	330		577	STS	FERENCE	BORGE	EFERRAL LOCATION				NESS CON VS	ERVICE LOCATIONS	Universe,
	TIME SIGNED	ART OF WORK OR DELIVERY OF GOODS	TY provisions.	ne terms and conditions on the reverse side hereof which include,	EGAL TERMS: Customer hereby acknowledges and agrees to			•										PART NUMBER	SECONDABA DESEBUCIOS	INVOICE INSTRUCTIONS	8	WELL TYPE	TICKET TYPE CONTR	. در		ces, inc.
	TEN A	Õ		which inclu	and agree											1		LOC ACCT	Ш	S	-		CONTRACTOR		-	
	**		2	de ;	s to													무			Desse	MELL CATEGORY	,	5	LEASE	
, CC , C	785_79	P.O. BO	SWIFT SERVICES, INC	REMIT PA						MENDAWA DEDWIGE	STANKS STANGS	D-ARC	FLOCEIE	TIMM TERMS		DUMP CHACLE	MILEAGE # 114				<u> </u>			Parko		
0-2000				REMIT PAYMENT TO:						MGC	CEMENT			SUPER MULTI- DESERT STANDARD				DESCRIPTION			BOASE HEAD SHAREZE	JOB PURPOSE	RIG NAME/NO.	NESS NESS	I COLINTY/PARISH	
D CUS	CE YOU SATISF	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?	MET YOUR NEEDS? OUR SERVICE WAS	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	SUR																pō ·	4	SHIPPED	×.	STATE	
CUSTOMER DID NOT WISH TO RESPOND	U SATISFIED WITH OUR SERVICE?	D JOB HE EQUIPMEN	AS AS	PERFORMED	SURVEY					12391	12.5	2	w	125			2,	QTY.				WELL PERMIT NO	DELIVERED TO	<u>C</u>	NHV	
OT WISH T	SERVICE	5	•		AGREE						25/545	<u> </u>	31 65	SHS	_	g g	20 70	Š			,	ACT IN	5			
ORESPOND	8									W 1621						<u>.</u>		QTY.								
				70					_	*								¥.			P	<u>§</u>	æ	- CA	7	
	<u>. </u>						- 1	İ	.											į	3	5	ORDER NO.	*		
}		7 E. 3		PAGE TOTAL		_	_			250 00	18	35/00	180	15,00		850 00	5,00	PRICE		L	-	WEI LOCATION		14-17 OWN	-	_
3504 40		10:55 125 46		PAGE TOTAL 3379100							,		94	1500 1875 00		S	500)00,00	PRICE AMOUNT		L	7	ACTON		OWNER	NUMES 1	

Thank You!

10			_
JO	ж		t =
		_	•

SWIFT Services, Inc.



DATE 1-14-11 PAGE NO

CUSTOMER AMER	dd can	REDUR THE	WELL NO.	30	LEASE PA	BLO	JOB TYPE BRADEN HEAD SOUREZE	TICKET NO. 19908
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (CAL)	PUMPS T C	PRESSUR TUBING	E (PSI)	DESCRIPTION OF OPERATION AND	MATERIALS
:	1200						אסטונסט עס אסטונסט	
. 1.								
		-					5/2 x 85/8	
							85/8 = 1350' I	
	1345					500	PSZ S'B "CASENG - HELD - S	HUT ZW
								
	1400	3	48	✓		400	PUMP 125 SKS SMB 1/4 " FLOCE	E = 12.5 PAG
	1422			1		200	SHUT I'M RODASH HEAD	
							Wash Truck	
<u></u>								
- 	1430	, A+1					JOB COMPLETE	
	,							· · · · · · · · · · · · · · · · · · ·
<u> </u>		<u> </u>					~da_1,4_1	
							WANNE DANK K.	0 -
<u> </u>						<u> </u>	WANE DAVE K.	Koř
· ' \						·		
<u></u>								
 		-				<u> </u>		
								· · · · · · · · · · · · · · · · · · ·
								· · · · · · · · · · · · · · · · · · ·
		•						
· <u>, · ·</u>			·					
						ļ		
		-			·			
	1.						<u> </u>	· · · · · · · · · · · · · · · · · · ·

Hard Rock Consulting, Inc.

Jason Alm Petroleum Geologist Hays, KS 67601 P.O. Box 1260

LOCATION 350'ESL & 800' FEL	FIELD Wildcat	LEASE Pablo WELL NO.2-30	OPERATOR American Warrior, Tac.
Measureme	무	KB 2128	פופ

DRILLING TIME AND SAMPLE LOG

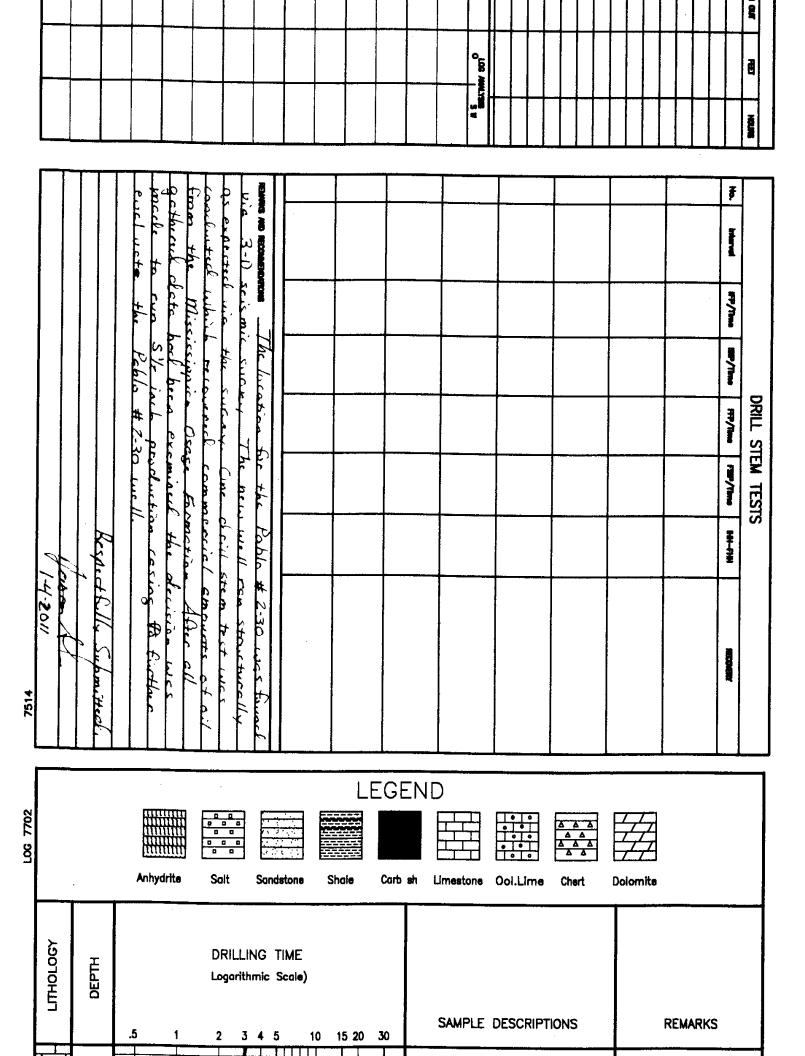
GEOLOGIST'S REPORT

SEC. 30 COUNTY Ness _ TWP.. 186 STATE RGE ZIL Konsas

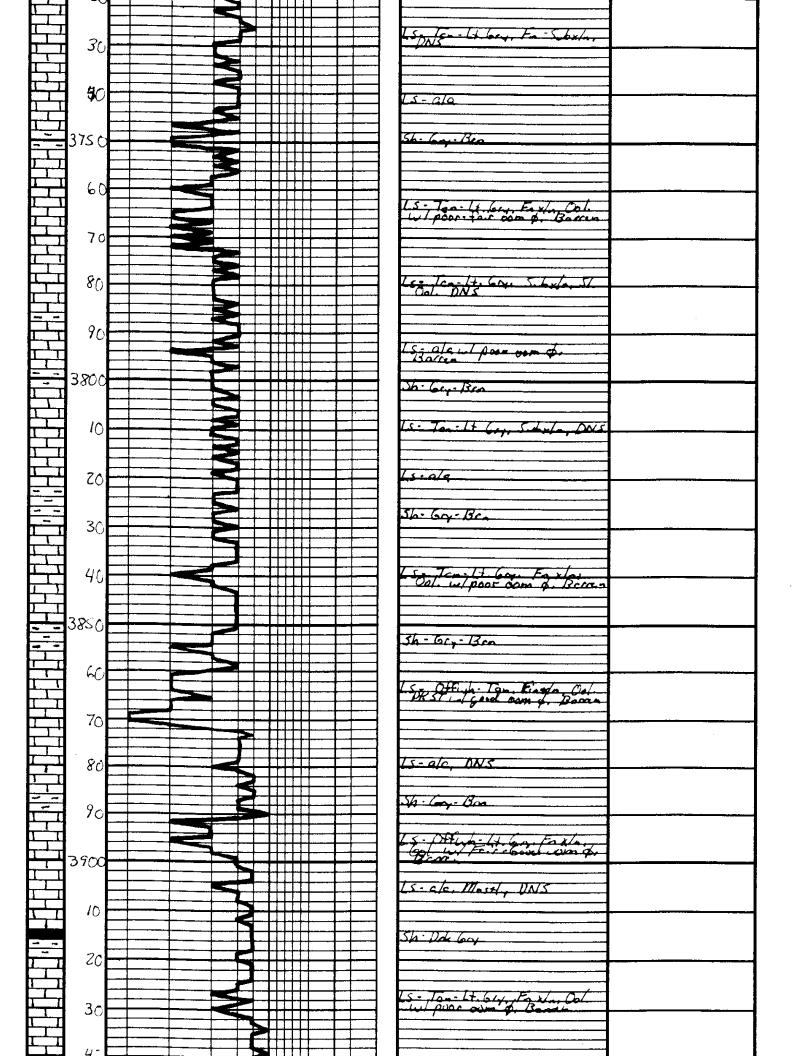
GEOLOGICAL SUPERVISION FROM DRILLING TIME KEPT FROM SAMPLES SAVED FROM COMM: 12.24.ZOU COMP: MUD UP 3400 SAMPLES EXAMINED FROM CONTRACTOR PETERMECK MD 4240 3500 3500 3500 100 TO L - TYPE MUD. Delling ... 3600 ᅙ , ロ ಶ 1 Chemics 占 리 RIB RTA A RTDR E

REFERENCE WELL FOR STRUCTURAL COMPARISON # 1-30 335 FSL 12175 FF american Sec. 30 T18 8 82/1 بمنصمه

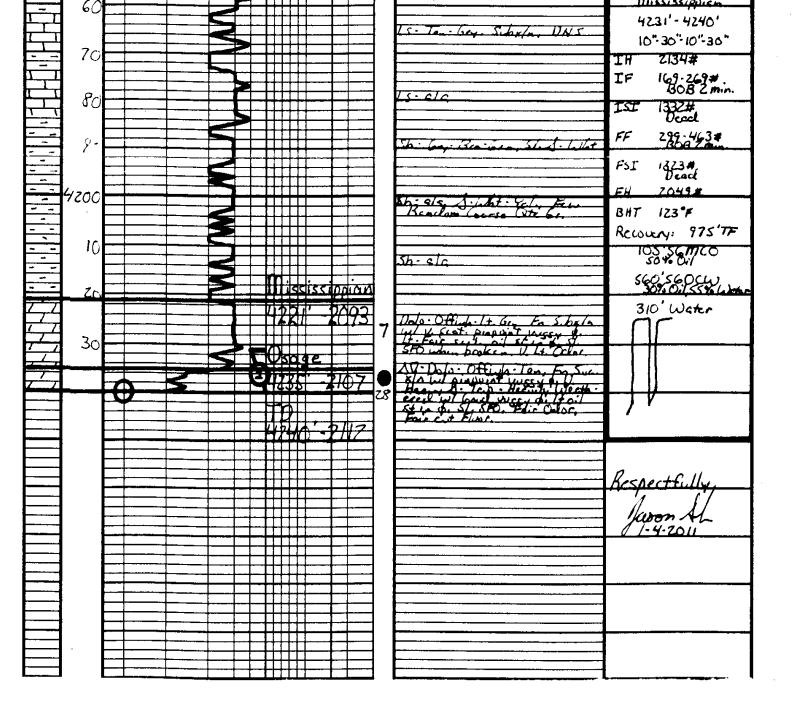
ic.			8				
			-			;	
135-7509/-0000							
	,						
Ğ							
ELEVATION							
1 1							
OL 2122.							
From Kelly Bixhing							
CASING RECORD							
CASING NECOND	ACIDAMICA	METAL		200	ACHE SO HOLANCES	WON	
SURFACE X 78 E 13XC							
PRODUCTION 51/2 10 4239							
ELECTRICAL SURVEYS							
None							
718s R21w							
30							
6							
Warring True						:	



							\prod			-		Sh-Dek Gog-Bilk
	10					+	#		_	+	1	laco on location
	10					\blacksquare	\blacksquare		+		1	Geo on location @ 4:00p.m. 12-31-200
<u> </u>									\pm		}	
	20						+		\pm			Bassen
1									\pm	1		Beira
	30					Ш				ļ		
						\parallel			+	<u> </u>		
	, , , ;					\parallel	#		_			1.5 - ala
	40	F			\dashv	-	#		#	1		
					\dashv	#			+	1		
	3550					+	++	-	+			Is-ale, M. Heck
1						\blacksquare	\blacksquare		\mp			
	60											
						#			\pm			
						#				 		<u> Av. e/e</u>
	70					#	#	#	#	1		
					+	#	##	#	+	†		
	80				\dashv	+	\mp	+-				Les lan-L+ bay, Faxla, Ball
						\blacksquare	$oxed{\mathbb{H}}$		\pm			Beden
	90				_			1				
	,0			7	\downarrow	\pm	Ш		土			
1	5454			3	#	\parallel	#		\pm	\pm		LS. Cle, Fa. S. hela, DNS
	3600						7) /IR	1			
			M			1		78.	T	175		Sh. Blk. Coch
	10				_	H		1	Ŧ	-		
				7	#	#	###	#	丰			Sh. Gaye Bea: Gra
	20					\blacksquare		1-	+	ļ		Ja: loops Dea : Gra
	ζŰ				-	\blacksquare		+	+			
						\blacksquare		-	\mp			15.00 L.146 F.
	3 0					\blacksquare						16-10 think 14 64, Forty
 	٠				}	\prod	\mathbf{H}		\pm			
	40				1	#		\pm	土			
	, ,			2	+	-	 	+	_			
	26.60					#	CV/	<u>ki</u>	14	<u> </u>		Sh-Gen-Bon-Ga
	3650					П	71	Τ.				13.7. 116. 5 1 01
	:			2		P			717	22		Wipor com & Born
	60			\exists				$\pm \overline{}$	+			L1 - 6/9, DNS
					\$	\pm	Ш	_	士			
= ==	70				*	#	###	#	+			
~ -		_		4	丰	##	##	#=	#			Sh. Gay. Hea
	80				#	#	${\rm H}$	#	+			13:00:4.7 5.7.7
	0 ()					\prod			\pm			Pose interest com de l'an
						\coprod	\coprod		\pm			
	9.*	_			#	\coprod	\coprod	+-				
	l			\$		#	Ш	+	+	丗		Shi Gey Bea
 	3700				1	#	Ш		#			
				>	#	#		‡	+			LS: Offinh-1+. Gay, Faxlar
	, ,	\dashv		4	1	#		 	#	二		S. Ottub. It. Ga, Faxla.
	10	1			1	#	#	-	#			
	ļ	\exists		\$	-	#	##		#	〓		Sh. Vik Gay
	7.0	\dashv	 	4	#	#	Ш		上			



	, r.,		F	-		V	厂	П	П	\Box		F		7	C/ 1977:
	1					5				$\downarrow \downarrow$		‡	1	1	Sh-Blk, cab
	3950				5			#	#	#		#	1	‡	Sh. Gay-Ben
									\Box	#		+		1	14 194 10ch
	٠.					2		Ħ	$\!$	#		#	 	1	15- Tan- Gay, Suborda, DNS
	60					3		H	H	Ħ		F	—	7	
					-	S		۱,		\Box		1	!	1	Ls- a/a
	70								K	_				1	L) - B/E
= =	}							1	4	7	7	Q	4 3	7	Sh- Gey Bon Gen
	50							ľ	##	11			-	1	
	80					3		H	H	Ħ		F	-	1	
	}				1			H		Ħ		Ŧ	-	1	LS- Ton- Gay, Subala, DNS
	90					5		H	\Box	$\overline{\Box}$		-			
				-<			F	H	\Box	H		F		1	Sh. Gay Bear Gen
_ =	umn				-	-		H	H	\prod		F		}	
	90 4000					1		H	H	H		F		-	
	ŀ	Е				7	\vdash	H	H	\prod		F		1	
	10	F				5	F	Ħ	H	Ħ		F		7	Is Top-1+ Gry Subv/a.
				-		5		#	#	##		1		1	· · · · · · · · · · · · · · · · · · ·
								#	#	$\dagger \dagger$		1	 	1	
	20					F		Ħ	#	#		F		1	31.7 3.
	1								#	#	-	1		1	Shi long 13cn
μ,	<i>3</i> 0								#	Ħ				1	
			-					\parallel	\parallel	H		t		1	
	_ر ا	H				5		#	#	$\sharp \sharp$				1	St. Jage 14. Gay Subola DNS
	40								#	\ddagger	-	上		1	
	1				<u> </u>	2		乜			PE	Ė	ļ <u> </u>	1	71. 7
-	4			 -	_		\vdash	₩-	ш	ш	ட	4—		1	Sh. 60y. 6cm
T	717377				 		_	-	11	Н		╄		4	
	1030										. 7	19	18	1	
									74		. 7	19	18		Les Ten-Lay, Subala, ANS
	60							H			. 7	9	18		
								H	4		. 7	9	18		
								H			. 7	19	18		
	60										. 7	9	18		Ls. Tsa. Gay, Subala, NNS
	60 70										. 7		18		Ls. Tsa. Gay, Subala, NNS
	60										. 7		18		Ls. Tsa. Gay, Subala, NNS
	60 70 80										. 7		18		Ls. Jan. Gay, Subala, ANS
	60 70										. 7		18		L.s. Ten. Gay, Subala, ANS L.s. ala L.s. L.t. Gay, Subala, DNS
	60 70 80										. 7		18		Ls. Jan. Gay, Subala, ANS
	60 70 80 90										. 7		10		L.s. Ten. Gay, Subala, ANS L.s. ala L.s. L.t. Gay, Subala, DNS
	60 70 80										. 7				L.c. Ten. bay, Subala, ANS Is-ala Is-L+ bay, Subala, DNS Ls-L+ bay-bay, Subala, DNS
	60 70 80 90										. 7				L.s. Ten. Gay, Subala, ANS L.s. ala L.s. L.t. Gay, Subala, DNS
	60 70 80 90										. 7		12		L.c. Ten. bay, Subala, ANS Is-ala Is-L+ bay, Subala, DNS Ls-L+ bay-bay, Subala, DNS
	60 70 80 90 4100										. 7				L.c. Ten. bay, Subala, ANS Is-ala Is-L+ bay, Subala, DNS Ls-L+ bay-bay, Subala, DNS
	60 70 80 90 4100										. 7				LS. Isa. Gay, Subala, DNS LS. Lt. Gay, Subala, DNS LS. Lt. Gay, Gay, Subala, DNS LS. a/g
	60 70 80 90 4100										. 7		18		L.c. Ten. bay, Subala, ANS Is-ala Is-L+ bay, Subala, DNS Ls-L+ bay-bay, Subala, DNS
	60 70 80 90 4100														LS- Isa-bay, Subala, DNS LS- Lt. bay, Subala, DNS LS- Lt. bay-bay, Subala, DNS LS- a/g Sh- bay-Dak bay
	60 70 80 90 4100 10														LS. Isa. Gay, Subala, DNS LS. Lt. Gay, Subala, DNS LS. Lt. Gay, Gay, Subala, DNS LS. a/g
	60 70 80 90 4100 10 20										56			3c	LS. Isa. Lang. Subala, DNS LS. Lt. Lang. Lang. DNS LS. Lt. Lang. Lang. DNS LS. Lt. Lang. Lang. DNS LS. a/a Sh. Cong. Dick Cong. Sh. Blk. Land.
	60 70 80 90 4100 10 20										56			3c	LS. IED. Gay, Substan INS LS. Lt. Gay, Substan INS LS. als LS. als Sh. Gay - Uch Gay Sh. Blk. Cond.
	60 70 80 90 4100 10										56			3c	LS- Isa bay Subala DNS LS- Lt bay Subala DNS LS- Lt bay bey Subala DNS LS- a/a Sh bey Dek bey Sh Blk Cab
	60 70 80 90 4100 10 20										56		07	3c	LS. IED. Gay, Substan INS LS. Lt. Gay, Substan INS LS. als LS. als Sh. Gay - Uch Gay Sh. Blk. Cond.
	4100 10 20 40										Schok	200	07	3c	LS- Isa bay Subala DNS LS- Lt bay Subala DNS LS- Lt bay bey Subala DNS LS- a/a Sh bey Dek bey Sh Blk Cab
	60 70 80 90 4100 10 20										Schok	200	07	3c	L.S. Ten. Gay, Substan DNS L.S. Lt. Gay, Substan DNS L.S. Lt. Gay-Gry, Substan DNS L.S. a/g Sh. Gay-Dik Gay Sh. Blk, Lad. L.S. Tan. B. H. Lad. L.S. Tan. B. H. Lad. DNS, Massly Bottom



Geological Report

American Warrior, Inc.

Pablo #2-30
350' FSL & 800' FEL
Sec. 30 T18s R21w
Ness County, Kansas



American Warrior, Inc.

General Data

Well Data:	American Warrior, Inc. Pablo #2-30 350' FSL & 800' FEL Sec. 30 T18s R21w Ness County, Kansas API # 15-135-25091-0000
Drilling Contractor:	Petromark Drilling, LLc Rig #1
Geologist:	Jason Alm
Spud Date:	December 26, 2010
Completion Date:	January 3, 2011
Elevation:	2122' Ground Level 2128' Kelly Bushing
Directions:	Bazine KS, 3/4 mi. East on Hwy 96, North ¼ mi. on EE rd. South and West into location.
Casing:	1386' 8 5/8" surface casing
Samples:	10' wet and dry, 3500' to RTD
Drilling Time:	3500' to RTD
Electric Logs:	None
Drillstem Tests:	One, Trilobite Testing, Inc. "Brett Dickinson"
Problems:	None

None

Remarks:

Formation Tops

	American Warrior, Inc.
	Pablo #2-30
	Sec. 30 T18s R21w
Formation	350' FSL & 800' FEL
Anhydrite	1379', +749
Base	1413', +715
Heebner	3603', -1475
Lansing	3650', -1522
BKc	3971', -1843
Pawnee	4046', -1918
Fort Scott	4130', -2002
Cherokee	4147', -2019
Mississippian	4221', -2093
Osage	4235', -2107
RTD	4240', -2112

Sample Zone Descriptions

Mississippian Osage (4235', -2107): Covered in DST #1

Dolo – Δ – Fine sucrosic crystalline with pinpoint vuggy porosity, heavy chert, triptolitic, heavily weathered with good vuggy porosity, light oil stain in porosity, slight show of free oil, fair odor, fair scattered cut fluorescents, 28 units hotwire.

Drill Stem Tests

Trilobite Testing, Inc. "Brett Dickinson"

DST #1 Mississippian Osage

Interval (4231' – 4240') Anchor Length 9'

IHP - 2134 #

IFP - 10" - B.O.B. 2 min. 169-269 # ISI - 30" - Dead 1332 # FFP - 10" - B.O.B. 2 min. 299-463 # FSI - 30" - Dead 1323 #

FHP - 2049 # BHT - 123°F

Recovery: 105' SGMCO 50% Oil

560' SGOCW 30% Oil, 55% Water

310' Water

Structural Comparison

Essentian	American Warrior, Inc. Pablo #2-30 Sec. 30 T18s R21w	American Warrior, Inc. Schniepp #2-31NE Sec. 31 T18s R21w		American Warrior, Inc. Pablo #1-30 Sec. 30 T18s R21w	
Formation Anhydrite	350' FSL & 800' FEL 1379', +749	720' FNL & 760' FEL 1369', +756	(-7)	335' FSL & 2175' FEL 1393', +753	(-4)
Base	1413', +715	1404', +721	(- <i>6</i>)	1427', +719	(-4) (-4)
Heebner	3603', -1475	3596', -1471	(-4)	3620', -1474	(-1)
Lansing	3650', -1522	3641', -1516	(-6)	3665', -1519	(-3)
BKc	3971', -1843	3962', -1837	(-6)	3986', -1840	(-3)
Pawnee	4046', -1918	4041', -1916	(-2)	4066', -1920	(-2)
Fort Scott	4130', -2002	4124', -1999	(-3)	4145', -1999	(-3)
Cherokee	4147', -2019	4140', -2015	(-4)	4165', -2019	FL
Mississippian	4221', -2093	4205', -2080	(-13)	4240', -2094	(+1)
Osage	4235', -2107	4215', -2090	(-17)	4258', -2112	(+5)

Summary

The location for the Pablo #2-30 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 $5\frac{1}{2}$ in. production casing to further evaluate the Pablo #2-30 well.

Recommended Perforations

Mississippian Osage (4235' – 4238') DST #1

Respectfully Submitted,

Jason Alm Hard Rock Consulting, Inc.