KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

ORIGINAL

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

	SCRIPTION OF WELL & LEASE				
OPERATOR: License # 4058	API No. 15 - 159-22, 639 -20 67				
Name: American Warrior, Inc	Spot Description: SE-NW-NE-SW				
Address 1: P O Box 399	SE_NW_NE_SW_Sec13_Twp19_S. R10East ✔ West				
Address 2:	Feet from North / South Line of Section				
City: Garden City State: KS Zip: 67846 +	Feet from East / 🗹 West Line of Section				
Contact Person: Kevin Wiles, Sr	Footages Calculated from Nearest Outside Section Corner:				
Phone: (620) 275-2963	Øne □nw □se □sw				
CONTRACTOR: License # _5929	County: Rice				
Name: Duke Drilling Co	Lease Name: Dale Beneke Well #: 1-13				
Wellsite Geologist: James Musgrove	Field Name: Chase-Silica				
Purchaser: N/A	Producing Formation: Arbuckle				
Designate Type of Completion:	Elevation: Ground: 1743' Kelly Bushing: 1751'				
☑ New Well ☐ Re-Entry ☐ Workover	Total Depth: 3400' Plug Back Total Depth: 3369'				
V oii ∏ wsw ∏ swd ∏ siow	Amount of Surface Pipe Set and Cemented at: 314 Feet				
Gas D&A ENHR SIGW	Multiple Stage Cementing Collar Used?				
☐ OG ☐ GSW ☐ Temp. Abo	If yes, show depth set: Feet				
CM (Coel Bed Methane)	If Alternate II completion, cement circulated from:				
Cathodic Other (Core, Expl., etc.):	feet depth to:w/sx cmt.				
If Workover/Re-entry: Old Well Info as follows:					
Operator:	Drilling Fluid Management Plan				
Well Name:	(Data must be collected from the Reserve Pit)				
Original Comp. Date: Original Total Depth:	Chtoride content; 18,700 ppm Fluid volume: 85 bbls				
☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to S☐ Conv. to GSW					
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:				
Commingled Permit #:	Operator Name:				
Dual Completion Permit #:	License #:				
SWD Permit #:	Quarter Sec Two S P Fact West				
☐ ENHR Permit #:	County: Permit #:				
3/1/11 3/6/11 3/23/11					
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date					
Kansas 67202, within 120 days of the spud date, recompletion, workov of side two of this form will be held confidential for a period of 12 month	ed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, er or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information is if requested in writing and submitted with the form (see rule 82-3-107 for confidengist well report shall be attached with this form. ALL CEMENTING TICKETS MUST 111 form with all temporarily abandoned wells.				

AFFIDAVIT

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

ONLY RECEIVED
MAD 2 C sou
MAR 2 9 2011
KCC Marion
KCC WICHITA
Date: 3 30 11

Side Two

Operator Name: Am	<u>ierican Warrior, li</u>	nc		_ Lease N	łame: 🔔	раје Велеке		Well #:1-1	.3		
Sec. 13 Twp. 19	s. r. <u>10</u>	☐ East ✓ W	est	County:	Rice						
INSTRUCTIONS: Shiftime tool open and clorecovery, and flow rat line Logs surveyed. A	osed, flowing and shi es if gas to surface to	ut-in pressures, w est, along with fin	hether sh	ut-in press	ure rea	ched static level,	hydrostatic pro	essures, bottom i	note temp	perature, fluid	
Drill Stem Tests Taker		✓ Yes] No		□ L	og Formation	n (Top), Depth	and Datum	7	Sample	
Samples Sent to Geo	,	☐ Yes 🕟	Ž No		Nam	_		Тор		Datum	
Cores Taken	logical Sulvey		∑ No			Corral		399'		1352	
Electric Log Run		☐ Yes 🗓	No		Heebr	-		2800' 2831'	•	1049 1080	
Electric Log Submitte (If no, Submit Copy	•	Yes	No		Dougl: Brown			2925'		1174	
	,				Lansir			2955'		1204	
List All E. Logs Run:						าย Kansas City		3238'		1437	
					Arbuc	•		3278'		1527	
			CASING R		V Ne						
		Report all str	rings set-co	onductor, su		rmediate, producti	on, etc.				
Purpose of String	Size Hote Drilled	Size Casin Set (In O.D		Welg Lbs./		Setting Depth	Type of Cement	# Sacks Used		and Percent Additives	
Surface	12-1/4"	8-7/8"		23#	·····	314'	Class A	250	3%cc2	?%gel	
Production	8-7/8"	5-1/2"		15.5#		3399'	EA2	175	Flocele	e	
		ADD	ITIONAL (CEMENTIN	ig / squ	EEZE RECORD					
Purpose: Perforate	Depth Top Bottom	Type of Cen	Type of Cement			Type and Percent Additives					
Protect Casing Plug Back TD						,					
Plug Off Zone											
		J									
Shots Per Foot		ION RECORD - Br Footage of Each In					cture, Shot, Cem nount and Kind of	ent Squeeze Recor Material Used)	d	Depth	
4	3284'-3290'										
									<u> </u>		
		 :							Er-n		
									ECEI	L	
								M/	IR 29	2011	
TUBING RECORD:	TUBING RECORD: Size: Set At: Packer At: Liner Run: 2-3/8* 3252' □ Yes ☑ No KCC WICHITA										
Date of First, Resumed	Production, SWD or EN	HR. Produ	cing Metho	od: Pumping	,	Gas Lift 0	ther (Explain)			"# /\	
Estimated Production Per 24 Hours	Oil	Bb/s. G	as M	Acf	Wat	er Bt	ols.	Gas-Oil Ratio		Gravity	
	N/A		N/A		1	√A	*			-	
DISPOSITI	ON OF GAS:		ME	ETHOD OF	COMPLE	TION:		PRODUCTION	ON INTER	 !VAL:	
Vented Solo	Used on Lease	Open Ho	ole 🗸	Perf.	Dually		nmingled	3284'-3290'			
1	bmit ACO-18.)	Other (S	pecify)		(Submit)	4CO-5) (Subr	nit ACO-4)				

SI	VIF	T	A	HARGE TO: DDRESS		en Warrier	Tre		.		WAR 2 9 2011	WICHITA	TIC	KET		
Serv	ices,	Inc.							ĺ	ζ	2 2	3		1	2	
SERVICE POCATIONS	Į	WELL/PROJECT NO).		ASE		COUNTY/PARISH		CITY	O.	¥ ¥		DATE	OWI	VER	
/ /	s 11	TICKET TYPE CO	NTDACT	<u> ,2</u>	ale	Beneke	RIG NAME/NO.	Ks	DELIVERED T				3-7-11	<u> </u>		
2. Ness Lit	1/201	SERVICE SALES	Diek	OK Ses			# S	VIACT	NIL S	bass .	KS	ľ	ORDER NO.			
3		WELL TYPE		WE		EGORY JOB PI	URPOSE	1 .	NW/C	NO.		į	WELL LOCATION			
4. Referral Location		INVOICE INSTRUCT	PIONS	7.	<u>~ //</u>	ield Co	ment 5/2 Li	prostring.								
		<u>. </u>													· · · · · · · · · · · · · · · · · · ·	
PRICE REFERENCE		IY REFERENCE/ NUMBER	LOC	ACCT	DF		DESCRIPTION	:	QTY.	UM	QTY.	U/M	UNIT PRICE		AMOUNT	:
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221			17			Liquial KI	CI	1173		cal	<u> </u>	 	25	i		ba
281		- .	17			Mud Plus			520	1 1		 	1		5210	
290			17			D-AiR				דיין		 	35	60		
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403			 			Coment B		101		<u>ea</u>			230		230	T
406		·	 	•		Latel 100	Matshor W	FITE		ca	5/2	1	225		225	
407			 		-	Insent Fr	toatishoe w	1.14.36 1.270		ea	54	<u> </u>	300	20	<u> 300</u>	<u>₩</u>
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	<u>-</u>				Ļ	<u> </u>					T (INL	l L bis	1 27/	\Box	2-12	
LEGAL TERMS: (REMIT PAY	YMENT TO: -	SUR'		AGR	EE DECIDED	AGR	TAGE 101/	ا ـ ـ ا	3540	.I
the terms and cond but are not limited					' 1	1(2001117)	, , , , , , , , , , , , , , , , , , ,	WITHOUT BREAKI	DOWN?	-	_	-	P.2		4446	60
LIMITED WARRA	-	•	ADE (A)	uri, and	1	OMMET OFF	110E0 INO	MET YOUR NEEDS	57		_	↓	subtot.	_1]		
AUST BE SIGNED BY CU	STOMER OR CUST	IOMER'S AGENT PRI	ORTO		\dashv		RVICES, INC.	PERFORMED WITH	HOUT DELAY?		_	<u> </u>		<u> </u>	7986	60
START OF WORK OR DEL	IVERY OF GOODS	,				P.O. B(OX 466	WE OPERATED THE AND PERFORMED CALCULATIONS) JÒB JE EGOLMEN				7 TAX	7	384	114
Atny	YAZA	per			╛	NESS CITY	/, KS 67560	SATISFACTORILY ARE YOU SATISFI	? ED WITH OUR	- 1	<u>, l </u>		7.37	0	<u> </u>	 ' '
3-7	<i>i</i>	IME SIGNED	<u> </u>	> В- А.М. □ Р.М.		785-79	8-2300		☐ YES		□ NO		TOTAL		0270	74

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

SWIFT OPERATORY

APPROVAL

Thank You!

SWIFT

PO Box 466.

TICKET CONTINUATION

TICKET No. /9568

CONTINUATION TOTAL

Ness City, KS 67560 DATE . 3 - フー// 1-13 DeleBenche Off: 785-798-2300 PRICE SECONDARY REFERENCES A
REFERENCES PART NUMBER CES DESCRIPTION ACCOUNTING ... TIME UNIT **AMOUNT** PRICE QTY. & U/M DF. U/M Standard Coment 175 Cds 325 210000 276 Flocale 44/165 66 00 150 131 25 283 10% 875 15 270,00 5K. Holad 322 93000 292 124/165 107 SERVICE CHARGE CUBIC FEET 175 55 MILEAGE TOTAL WEIGHT CHARGE / 83/6 TON MILES LOADED MILES 686.85

TOMER	- , 4	\	WELL NO.			LEASE		ICEO, INC. DATE
		morning.Z		PUMP		Dole &		
HART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	T	C	TUBING	CASING	7D 3400' DESCRIPTION OF OPERATION AND MATERIALS
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	075							Start 5 12" 14 14 Coores to 3403
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							ļ	L.D. Boffe-SI 16"
			ļ	<u> </u>				Cout 2-5-7-9-11-15 Backet #4
								Drop Lill up Ball le sto and
	1900			<u> </u>				Fin run casing - Tay bottom
	0910	<u></u>					ļ	Start Cir Casure - (Desca)
	1010		7					FIR CIR
			13			7	ļ	Plug RH-30 SES MH- 15 SES
	1520	4	12	\square			300	Pump 500 gac Mudflush
		<u>lo</u>	32				300	Bung 20 831 KCL Flush
		41/2	1				252	Start 130 Sts EA-2 cout
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-					_			KCC WICHITA
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					\dashv			

ALLIED CEMENTING CO., LLC.

REMIT TO P.O. BOX 31 SERVICE POINT: **RUSSELL, KANSAS 67665** Great benz Ks CALLED OUT ON_LOCATION RANGE **JOB START** JOB FINISH DATE 3-2-2011 100 4:00 pm 5:00 pm 10:00 pm 10130 Pm LOCATION Chose KS 1 W to P 3 1/2 north, Winto OLD OR NEW (Circle one) CONTRACTOR Duko#8 OWNER AMERICA WELLON TYPE OF JOB SULLECT 1214 **CEMENT HOLE SIZE** AMOUNT ORDERED 25052 C/SSS \$13%66 8 5/4 DEPTH 3/4 **CASING'SIZE** 2% Gel **TUBING SIZE** DEPTH **DRILL PIPE** DEPTH TOOL DEPTH <u>@ 1350 3.375. 00</u> PRES. MAX <u>MINIMUM</u> COMMON_ MEAS. LINE SHOE JOINT **POZMIX** @ 20.25 81.09 CEMENT LEFT IN CSG. @ 51.25 461.25 CHLORIDE DISPLACEMENT 18 3/4 bbis of Fresh water **EQUIPMENT** @ @ **PUMP TRUCK** CEMENTER DOLLE @ # 366 HELPER GSry @ **BULK TRUCK** # 341 DRIVER CIT @ **BULK TRUCK** DRIVER HANDLING 250, MILEAGE 250 X 19 X . 10 **REMARKS:** Pron bottom Library Circulation. Pumpil3 bbls fresh wape greety mix **SERVICE** 25050 of Coment, Shut down, Rejegge Plug Stert Lis Piccoment, Dump 18 34bb/ DEPTH OF JOB 3/4: Shut in comment dis circulate PUMP TRUCK CHARGE ... EXTRA FOOTAGE . @ @7.00 /33.00 MILEAGE 19 MANIFOLD. Heskecewed CHARGE TO: American warrion MAR 2 9 2011 TOTAL _//24.05 STREET ____ KCC WICHITA PLUG & FLOAT EQUIPMENT 1- Rubber Plug . 11 :... @ 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 77.99 done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL SALES TAX (If Any) _ TERMS AND CONDITIONS" listed on the reverse side. TOTAL CHARGES DISCOUNT _____ IF PAID IN 30 DAYS SIGNATURE 🔀

GENERAL TERMS AND CONDITIONS

DEFINITIONS: In these terms and conditions, "ALLIED" shall mean Allied Cementing Co., LLC, and "CUSTOMER" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front of this contract, "Merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

—TERMS: Unless satisfactory credit has been established, CUSTOMER must tender full cash payment to ALLIED before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, CUSTOMER agrees to pay interest on amounts invoiced at a rate of 18 percent per annum interest until paid. Notwithstanding the foregoing, in no event shall this Contract provide for interest exceeding the maximum rate of interest that CUSTOMER may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby insideemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal interest rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the CUSTOMER of at the option of ALLIED, refunded directly to CUSTOMER. For purposes of this paragraph, ALLIED and CUSTOMER agree that Kansas law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

ATTORNEY FEES: In any legal action or proceeding between the parties to enforce any of the terms of this Service Confidence, or in any way pegajaining to the terms of this Contract, the prevailing party shall be entitled to recover all expenses, including the but not limited to, a reasonable sum as and for attorney's fees.

PRICES AND TAXES: All merchandise listed in ALLIED'S current price schedule are F.O.B. ALLIED'S local station and are subject to change, without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by ALLIED shall be added to the quoted prices charged to CUSTOMER.

TOWING CHARGES: ALLIED will make a reasonable attempt to get to and from each job site using its own equipment Should ALLIED be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by GUSTOMER or furnished by ALLIED, will be charged to and paid by CUSTOMER.

PREPARATION CHARGES: If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of the expenses incurred by ALLIED as a result of the exp

ETTEADHAUL, CHARGES: Unless otherwise specified on the front of this Contract, a deadhaul charge as set forth in ALLIED'S current-price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.

SERVICE CONDITIONS AND LIABILITIES:

- 1. ALLIED carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond ALLIED'S control, ALLIED shall not be liable for injuries to property or persons or for loss, or damage arising from the performance of the job or delivery of the merchandise. CUSTOMER shall be responsible for and indemnify, defend, and hold harmless ALLIED, its officers, agents and employees, from and against any and all claims or suits for:
- (A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:
- (B) Oil spills pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with ALLIED'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of ALLIED or its employees.
- 2. With respect to any of ALLIED'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to ALLIED at the landing. CUSTOMER shall either recover the lost item without cost to ALLIED or reimburse ALLIED the current replacement cost of the item unless the loss or damage results from the sole negligence of ALLIED or its employees.
- 3. ALLIED does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

 WARRANTIES:

"I. ALLIED warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanships under normal use and service when installed, and used, and/or serviced in the manner provided and intended. ALLIED'S obligation under this warranty is expressly limited to repair, replacement, or allowance for credit, at its option, for any merchandise which is determined by ALLIED to be defective. THIS IS THE SOLE WARRANTY OF ALLIED AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided; and ALLIED shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.

2. Moré specifically: 50

(A) Nothing in this contract shall be construed as a warranty by ALLIED of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.

(B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or dafar furnished by ALLIED or any interpretation of tests, meter readings, chart information, analysis of research, or recommendations analysis of research, or recommendations analysis of research or recommendations and all the preparation or furnishing of such facts, information or data:

w(C) Work done by ALLIED shall be under the direct supervision and control of the CUSTOMER or his agent and ALLIED will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.

JAMES C. MUSGROVE

Petroleum Geologist 212 Main Street P.O. Box 215 Claflin, KS 67525

Office (620) 588-4250 Res. Claflin (620) 587-3444

American Warrior Inc.
Dale Beneke #1-13
2283' FSL & 1950' FWL
Section 3-19s-10w
Rice County, Kansas
Page 1

5 1/2" Production Casing Set

Contractor: Duke Drilling Company (Rig #8)

Commenced: March 1, 2011

Completed: March 6,2011

Elevation: 1751' K.B; 1749 D.F; 1743' G.L.

Casing program: Surface; 8 5/8" @ 314'

Production; 5 1/2" @ 3400'

Sample: Samples saved and examined 2700' to the Rotary Total Depth.

Drilling time: One (1) foot drilling time recorded and kept 2700 ft to the Rotary Total

Depth.

Measurements: All depths measured from the Kelly Bushing.

Drill Stem Tests: There were two (2) Drill Stem Tests ran by Trilobite Testing.

Electric Log: By Log Tech; Dual Induction, Dual Compensated Porosity Log.

<u>Formation</u>	Log Depth	<u>Sub-Sea Datum</u>
Anhydrite	399	+1352
Heebner	2800	-1049
Toronto	2820	-1069
Douglas	2831	-1080 DEC
Brown Lime	2925	-1174 RECEIVED
Lansing	2955	-1204 MAR 2 9 2011
Base Kansas City	3238	
Arbuckle	3278	-1527 KCC WICHITA
Rotary Total Depth	3400	-1649 WICHITA
Log Total Depth	3401	-1650

(All tops and zones corrected to Electric Log measurements).

SAMPLE ANALYSIS, SHOWS OF OIL, TESTING DATA, ETC.

TORONTO SECTION

2820-2830' Limestone; white, cream, finely crystalline, chalky, few slightly

dolomitic, trace white, sucrosic dolomite, no shows.

DOUGLAS SECTION

2860-2870' Sand; gray, very fine grained, micaceous, calcareous, friable fair

intergranular porosity, fair brown stain, show of free oil and

questionable odor in fresh samples.

American Warrior Inc. Dale Beneke #1-13 2283' FSL & 1950' FWL Section 3-19s-10w Rice County, Kansas Page 2

LANSING SECTION

2955-2965'	Limestone; gray, tan, fossiliferous, chalky, poorly developed porosity, no shows.
2974-2980'	Limestone; tan, gray, oolitic, dense, trace white chert.
2995-3000'	Limestone; tan, brown, fossiliferous/oolitic, trace brown stain, no show of free oil and faint odor in fresh samples.
3000-3012'	Limestone; as above.
3025-3034'	Limestone; as above.
3037-3060'	Limestone; tan, oomoldic, good oomoldic porosity, no shows.
3096-3106'	Limestone; gray, white, oolitic, chalky, no shows.
3114-3120'	Limestone; as above, no shows.
3140-3150'	Limestone; gray, oolitic, oomoldic, questionable stain, no show of free oil and no odor in fresh samples.
3165-3175'	Limestone; gray, white, fossiliferous in part, chalky, n shows.
3200-3210'	Limestone; white, fine and medium crystalline, fossiliferous, poor visible porosity, no shows.
3226-3236'	Limestone; tan, oolitic, chalky, trace black stain, no show of free oil and no odor in fresh samples.

ARBUCKLE SECTION

3278-3284'

Dolomite; tan, sucrosic, fair pinpoint porosity, trace light brown stain, show of free oil and fair odor in fresh samples.

Drill Stem T	est #1		3231-3284'				
Times:	30-30-30-45			RECEIVED			
Blow:	Weak			MAR 2 9 2011			
Recovery:	12' mud with	oil spots		KCC WICHITA			
Pressures:	ISIP 290 FSIP 669 IFP 16-16 FFP 16-19 HSH 1627-1	psi psi psi psi 572 psi					

3284-3294'

Dolomite; tan, cream, fine and medium crystalline, trace vuggy to intercrystalline porosity, golden brown stain, show of free oil and good odor in fresh samples.

American Warrior Inc.
Dale Beneke #1-13
2283' FSL & 1950' FWL
Section 3-19s-10w
Rice County, Kansas
Page 3

Drill Stem Test #2

3231-3294'

Times:

30-30-30-45

Blow:

Strong

Recovery:

279' gas in pipe

589' gassy oil

186' oil and gas cut mud (40% gas, 10% oil, 50% mud)

Pressures: ISIP

ISIP 1080

psi

FSIP 1059

psi

IFP 25-171

psi

FFP 173-279

. psi

HSH 1603-1673

1673 psi

3300-3320'

Dolomite; tan, cream, finely crystalline, fair pinpoint and vuggy type porosity, brown stain, show of free oil and good odor in

fresh samples.

3320-3340'

Dolomite; tan, finely crystalline, slightly sucrosic, brown spotty stain, no show of free oil and fair odor in fresh samples, trace

white chert.

3340-3360'

Dolomite, tan, finely crystalline, slightly sucrosic, brown spotty

stain, no show of free oil and fair odor in fresh samples, trace

white chert.

3360-3380'

Dolomite; as above.

3380-3400'

Dolomite; light gray and tan, fine and medium crystalline, trace black stain, no show of free oil and faint odor in fresh samples,

trace white chert.

RECEIVED

Rotary Total Depth Log Total Depth

3400 (-1649) 3401 (-1650)

MAR 2 9 2011

Recommendations:

KCC WICHITA

5 $\frac{1}{2}$ " production casing was set and cemented at 3400' and the following zones should be tested in the Dale Beneke #1-13:

1. Arbuckle

3285-3290

Before abandonment, the following zone needs to be perforated and tested:

1. Douglas Sand

2860-2870

Respectfully submitted;

James & Musgrøve and

Joshua R. Austin,

Petroleym Geologists