

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND COMPLETION

API NO. 15-033-21,0260000

County Comanche

100' sof-w/2ne-36 Sec. 30 Twp. 32s Rng. 19 X U

1880' Feet from (S/N) (circle one) Line of Section

990' Feet from (E/W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
NE, (SE), NW or SW (circle one)

Lease Name Barnes Well # 1-30

Field Name un-named

Producing Formation viola

Elevation: Ground 1906' KB 1919'

Total Depth 5990' PSTD 5870'

Amount of Surface Pipe Set and Cemented at 612' Feet

Multiple Stage Cementing Collar Used? Yes xx No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cat.

Drilling Fluid Management Plan 1/1 EH B-2-02  
(Data must be collected from the Reserve Pit)

Chloride content 4800 ppm Fluid volume 300 bbls

De-watering method used Hauled off site

Location of fluid disposal if hauled offsite:

Operator Name KBW oil & gas

Lease Name Harmon swd License No. 5993

NW/4 Quarter Sec. 11 Twp. 33s Rng. 20 X U

County Comanche Docket No. 98329

Operator: License # 4058

Name: AMERICAN WARRIOR INC.

Address PO. box 399,

Garden City,

City/State/Zip Ks. 67846

Purchaser: EOTT

Operator Contact Person: Kevin Williams

Phone (316) 275-2963

Contractor: Name: Duke Drilg.

License: 5929

Wellsite Geologist: Alan Downing

Designate Type of Completion

xx New Well      Re-Entry      Workover

X Oil      SUD      SIDW      Temp. Abd.

X Gas      ENHR      SIGW

     Dry      Other (Core, MSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows: KCC

Operator: \_\_\_\_\_ JAN 28 2000

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

     Deepening      Re-perf.      Conv. to Inj/SWD

     Plug Back      PSTD

     Commingled      Docket No. \_\_\_\_\_

     Dual Completion      Docket No. \_\_\_\_\_

     Other (SWD or Inj?) Docket No. \_\_\_\_\_

9-2-99

~~XXXXXXXXXX~~

9-12-99

10-30-99

Spud Date

Date Reached TD

Completion Date

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RELEASED

FROM CONFIDENTIAL

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INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature \_\_\_\_\_  
Title Production Supt. Date 1-27-2000

Subscribed and sworn to before me this 27 day of Jan, 2000

Notary Public: Debra Purcell

Date Commission Expires 11-4-2003

DEBRA J. PURCELL  
Notary Public - State of Kansas  
My Appt. Expires 11/4/03

K.C.C. OFFICE USE ONLY  
F      Master of Confidentiality Attached  
C      Wireline Log Received  
C      Geologist Report Received  
Distribution  
     KCC      SWD/Rep      NGPA  
     KGS      Plug      Other  
(Specify)

X

SIDE TWO

Operator Name American Warrior Inc. Lease Name Barnes Well # 1-30  
 Sec. 30 Twp. 32 Rge. 19  East  West  
 County Comanche

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INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	heebner	4164'	-2225
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	toronto	4190'	-2271
List All E.Logs Run:		lansing	4375'	-2256
		kc A	4720'	-2801
		kc B	4768'	-2849
		bkc	4859'	-2940
		marmaton	4876'	-2958
		pawnee	4953'	-3035
		fourtscott	4994'	-3075
		cherokée	5006'	-3087
		miss.	5092'	-3173
		viola	5752'	-3833

CDNL/GR- sonic, -microw, -dual.

CASING RECORD <input type="checkbox"/> New <input checked="" type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
surface	12 1/4	8-5/8	24#	612'	allied	310	3%cc/1/4#f10
Production	7-7/8	5 1/2	15-5#	5888'	Halliburton	200	2%cc, 5#gil 5%quasstop 5%cf-3

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	
		Depth	Depth
2	5794'-5804'	860bl.codensate, gelled	5794'
		1600# 20/40 sand	5804'

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8	5853'	none	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
shut -in				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
	SI	SI	SI.	

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval: 5794' 5804'

**JOB SUMMARY** 4239-1

15-033-21026 0000 154235 9-13-99

REGION North America	COUNTRY MidCont U.S.A.	BDA / STATE KS	COUNTY Crawfordsville
MBU ID / EMP # MCL10110 106328	EMPLOYEE NAME Nick Karbe	PSL DEPARTMENT 21	
LOCATION Liberal	COMPANY American Warrior	CUSTOMER REP / PHONE Kevin Wiles	
TICKET AMOUNT \$9802.54	WELL TYPE 02	API / UWI # 15033210260000	
WELL LOCATION E. 2N, 2W of Protection	DEPARTMENT Cement	JOB PURPOSE CODE 035	
LEASE / WELL # Barnes 1-30	SEC / TWP / RNG 20 - 32S - 19W		

**CONFIDENTIAL** ORIGINAL

HES EMP NAME/EMP#/(EXPOSURE HOURS)   HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)   HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)   HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)   HRS
N. Karbe 106328 6			
R. Crist 105943 6			
D. Breitgraber 6			
C. Milatyn 106009 2			

**RELEASED**

JAN 28 2000

**CONFIDENTIAL**

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
421270							
54219/79299							

**FROM CONFIDENTIAL**

Form Name \_\_\_\_\_ Type: \_\_\_\_\_  
 Form Thickness \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
 Packer Type \_\_\_\_\_ Set At \_\_\_\_\_  
 Bottom Hole Temp. \_\_\_\_\_ Pressure \_\_\_\_\_  
 Misc. Data \_\_\_\_\_ Total Depth \_\_\_\_\_

	<b>CALLED OUT</b>	<b>ON LOCATION</b>	<b>JOB STARTED</b>	<b>JOB COMPLETED</b>
DATE	9-13-99	9-13-99	9-13-99	9-14-99
TIME	1330	1900	2300	0000

**TOOLS AND ACCESSORIES**

TYPE AND SIZE	QTY	MAKE
Float Collar insert	1	H
Float Shoe 1 1/2	1	H
Guide Shoe Reg	1	04
Centralizers 2-4	8	
Bottom Plug		
Top Plug 5-W	1	L
Head Basket	1	O
Packer		
Other		

**WELL DATA**

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLC
Casing	14	15.5	5 1/2	0	5401	2000
Liner						
Liner						
Tbg/D.P.						
Tbg/D.P.						
Open Hole						SHOTS/F
Perforations						
Perforations						
Perforations						

**MATERIALS**

Treat Fluid	Density	Lb/Gal
Disp. Fluid	Density	Lb/Gal
Prop. Type	Size	Lb.
Prop. Type	Size	Lb.
Acid Type	Gal.	%
Acid Type	Gal.	%
Surfactant	Gal.	In
NE Agent	Gal.	In
Fluid Loss	Gal/Lb	In
Gelling Agent	Gal/Lb	In
Fric. Red.	Gal/Lb	In
Breaker	Gal/Lb	In
Blocking Agent	Gal/Lb	
Perfpac Balls	Qty.	
Other		
Other		
Other		
Other		

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
8-13-99	5 hrs	8-13-99	1 hr	035
8-14-99	1 hrs			
<b>TOTAL</b>	<b>6 hrs</b>	<b>TOTAL</b>	<b>1 hr</b>	

**HYDRAULIC HORSEPOWER**

ORDERED \_\_\_\_\_ Avail. \_\_\_\_\_ Used \_\_\_\_\_

**AVERAGE RATES IN BPM**

TREATED \_\_\_\_\_ Disp. \_\_\_\_\_ Overall \_\_\_\_\_

**CEMENT LEFT IN PIPE**

FEET 15 Reason sh jt

**CEMENT DATA**

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/G
L	150	MidCon (H)	B	2% CC, .5% Gasstop, .5% CFR3, .25% D-AIR-1, 1/2" H <sub>2</sub> O	2.07	127
T	50	MidCon (H)	B	" " " " " "	1.25	13.5

**RECEIVED**  
STATE CORPORATION COMMISSION

Circulating _____	Displacement 1-28-00	Preflush: Gal - BBI _____	Type _____
Breakdown _____	Maximum _____	Load & Bkdn: Gal - BBI _____	Pad: BBI - Gal _____
Average _____	Frac Gradient _____	Treatment Gal - BBI _____	Disp: BBI - Gal 140
Shut In: Instant _____	5 Min _____ 15 Min _____	Cement Slurr Gal - BBI _____	
		Total Volume Gal - BBI 71	

Frac Ring #1 \_\_\_\_\_ Frac Ring #2 \_\_\_\_\_ Frac Ring #3 \_\_\_\_\_ Frac Ring #4 \_\_\_\_\_

THE INFORMATION STATED HEREIN IS CORRECT

Wichita, Kansas

CUSTOMER'S REPRESENTATIVE SIGNATURE \_\_\_\_\_

REGION North America	INW/COUNTRY MidCent U.S.A.	BDA / STATE Ks	COUNTY Comanche
MBU ID / EMP # MCL10110 106328	EMPLOYEE NAME Nick Karbe	PSL DEPARTMENT 21 ORIGINAL	
LOCATION Liberal	COMPANY American Warrior	CUSTOMER REP / PHONE Kevin Wiles	
TICKET AMOUNT # 9802.54	WELL TYPE Cement	API / UWI # 15033210260000	
WELL LOCATION LE 2174 Protection	DEPARTMENT 02	JOB PURPOSE CODE 035	
LEASE / WELL # Pacmes 1-30	SEC / TWP / RNG 20-27S-19W		

HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS
N. Karbe 106328 6			
R. Carst 105943 6			
D. Britton 106608 2			

RELEASED

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	1730							JAN 28 2002
	1760							calls don
								FROM CONFIDENTIAL
	1930							st FE
	2115							Break circ
	2251					2000		Test lines
	2255	5	0			200		st wtr
	2256	5	300			225		st AAF
	2301	5	240			250		st wtr
	2302	5.5	310			300		st cement
	2308	6.5	5510			275		st cement
	2319		16					nd cement
	2320							wash pump line
	2324							plug
	2325	6	0			100		st disp
	2340	6	93			150		cut cement
	2346	2.25	130			525		slow rate
	2349	2.75	140			400		Bump plug
	2350					1100		stuck line

KCC

JAN 28 2000

CONFIDENTIAL

Job complete  
Thank you  
Nick & crew

RECEIVED  
STATE CORPORATION COMMISSION  
1-28-00  
JAN 28 2000

