KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1054696

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 # 4058
Name: American Warrior, Inc.
Address 1: 3118 Cummings Rd
Address 2: PO BOX 399
City: GARDEN CITY State: KS Zip: 67846 + ____
Contact Person: Scott Corsair
Phone: (785) 398-2270
CONTRACTOR: License # 33323
Name: Petromark Drilling, LLC
Wellsite Geologist: Jason Alm
Purchaser: ____

Designate Type of Completion:

☐ New Well ☐ Re-Entry ☐ Workover

☐ Oil ☐ WSW ☐ SWD ☐ SIOW
☐ Gas ☐ D&A ☐ ENHR ☐ SIGW
☐ OG ☐ GSW ☐ Temp. Abd.
☐ CM *(Coal Bed Methane)*
☐ Cathodic ☐ Other *(Core, Expl., etc.)*: ____

If Workover/Re-entry: Old Well Info as follows:

Operator: ____
Well Name: ____
Original Comp. Date: ____ Original Total Depth: ____

☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD
☐ Conv. to GSW
☐ Plug Back: ____ Plug Back Total Depth
☐ Commingled Permit #: ____
☐ Dual Completion Permit #: ____
☐ SWD Permit #: ____
☐ ENHR Permit #: ____
☐ GSW Permit #: ____

04/14/2011	04/21/2011	04/21/2011
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-135-25055-00-00
Spot Description: ____
NE SW SE SW Sec. 3 Twp. 19 S. R. 21 ☐ East ☐ West
335 Feet from ☐ North / ☐ South Line of Section
1825 Feet from ☐ East / ☐ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☐ SE ☐ SW
County: Ness
Lease Name: Rothweiler Well #: 3
Field Name: ____
Producing Formation: NA
Elevation: Ground: 2234 Kelly Bushing: 2240
Total Depth: 4337 Plug Back Total Depth: ____
Amount of Surface Pipe Set and Cemented at: 223 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☐ No
If yes, show depth set: ____ Feet
If Alternate II completion, cement circulated from: ____
feet depth to: ____ w/ ____ sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content: 25000 ppm Fluid volume: 160 bbls
Dewatering method used: Evaporated

Location of fluid disposal if hauled offsite:

Operator Name: ____
Lease Name: ____ License #: ____
Quarter ____ Sec. ____ Twp. ____ S. R. ____ ☐ East ☐ West
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

☐ **Letter of Confidentiality Received**
Date: ____
☐ **Confidential Release Date:** ____
☐ **Wireline Log Received**
☑ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☐ **I** ☐ **II** ☐ **III** **Approved by:** Deanna Garrison **Date:** 04/26/2011

Side Two

1054696

Operator Name: American Warrior, Inc. Lease Name: Rothweiler Well #: 3

Sec. 3 Twp. 19 S. R. 21 ☐ East ☐ West County: Ness

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken ☐ Yes ☐ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☐ No

Cores Taken ☐ Yes ☐ No
Electric Log Run ☐ Yes ☐ No
Electric Log Submitted Electronically ☐ Yes ☐ No
(If no, Submit Copy)

List All E. Logs Run:

☐ Log Formation (Top), Depth and Datum ☑ Sample

Name	Top	Datum
Attached	Attached	Attached

CASING RECORD ☐ New ☐ 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	12.25	8.625	23	223	Common	160	2% gel, 3% CC

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
____ Perforate ____ Protect Casing ____ Plug Back TD ____ 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

TUBING RECORD: Size: Set At: Packer At: Liner Run: ☐ Yes ☐ No

Date of First, Resumed Production, SWD or ENHR. Producing Method: ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS:
☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*
☐ Other *(Specify)* _____

PRODUCTION INTERVAL:
_____
_____

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Rothweiler 3
Doc ID	1054696

Tops

Name	Top	Datum
Anhydrite	1454	786
Heebner	3698	-1458
Lansing	3744	-1504
BKC	4056	-1816
Pawnee	4147	-1907
Ft. Scott	4215	-1975
Cherokee	4232	-1992
MIssissippian	4321	-2081
TD	4337	-2097

Hard Rock Consulting, Inc.
Jason Alm Petroleum Geologist
P.O. Box 1260
Hays, KS 67601

API# 15-135-25055-0000

GEOLOGIST'S REPORT
DRILLING TIME AND SAMPLE LOG

OPERATOR: American Warrior, Inc.
LEASE: Rothweiler WELL NO.: 3
FIELD: Ryerse
LOCATION: 338' FSL & 1825' FWL
SEC.: 3 TWP.: 19s RGE.: 21w
COUNTY: Ness STATE: Kansas

CONTRACTOR: Petromark Drilling, LLC Rig #1
COMM.: 4-14-2011 COMP.: 4-21-2011
TOTAL DEPTH: 4433' ROTARY TOOLS: None
SAMPLES SAVED FROM: 3600' TO: RTD
DRILLING TIME KEPT FROM: 3600' TO: RTD
SAMPLES EXAMINED FROM: 3600' TO: RTD
GEOLOGICAL SUPERVISION FROM: 3700' TO: RTD
MUD UP: 3900' TYPE MUD: Chemical

ELEVATION
KB: 2290'
GR:
GL: 2234'
Measurements Are All From: Kelly Bushing

CASING RECORD
SURFACE: 8 5/8" @ 223'
PRODUCTION: None

ELECTRICAL SURVEYS
None

* FORMATION	TOP	DATUM	SAMPLE FORMATION	SAMPLE STRUCTURE COMPARISON
Anhydrite Base			1404' + 886	-6
			1388' + 902	-22
Heebner			3678' - 1388	FL
Lansing			3719' - 1429	-2
BKC			4036' - 1746	-4
Pawnee			4117' - 1827	-5
Fort Scott			4165' - 1875	-5
Cherokee			4182' - 1892	-4
Mississippian			4321' - 2031	-7
Total Depth			4387' - 2097	

T19s R21w
3
Comp.
Loc.

RESERVE WELL FOR STRUCTURAL COMPARISON: American Warrior, Inc.
Rothweiler #2 750' FSL & 2810' FWL Sec. 3 T19s R21w

DRILL STEM TESTS

No.	Interval	BHP/Time	BHP/Time	FBHP/Time	Initial Shut-in	Recovered

The location for the Rothweiler #3 was found via 3-D seismic survey. The new well ran structurally lower than expected via the survey. No Drill Stem Tests were run due to lack of shows throughout the well. After all geological data had been examined the decision was made to plug and abandon the Rothweiler #3 well.

* All formation tops have been corrected, log was zero'd off.

Respectfully Submitted,
Jason Alm
4-20-2011

LEGEND: Sandstone, Shale, Limestone, Dolomite, Chert, Conglomerate, Coal, Anhydrite

REMARKS: Geo on location 12:00 p.m. 4-14-2011

SAMPLE DESCRIPTIONS

3600-3610 Lm, Tan, Fn, Sl Aren, Sbl, Dk Grey
3610-3620 Lm, Tan, Fn, Arn, Mod Fri, Sl Arg, Sbl, Dk Grey
3620-3630 NO SAMPLES
3630-3640 Lm, Wht, Fn, Sl Arn, Mod Fri, Sl Arg, Sbl, Dk Grey
3640-3650 Lm, Tan, Dk Tan, Fn, Arn, Sl Arn, Sbl, Dk Grey
3650-3660 Lm, Wht, Mtl Arg, Sbl
3660-3670 NO SAMPLES
3670-3680 Lm, Wht, Dk Grey, Sbl, Dk Grey, Arn
3680-3690 Lm, Tan, Dk Tan, Fn, Arn, Sl Arn, Sbl, Dk Grey, Arn
3690-3700 Lm, Wht, Dk Grey, Sbl, Dk Grey, Arn
3700-3710 Lm, Tan, Dk Tan, Fn, Arn, Sl Arn, Sbl, Dk Grey, Arn
3710-3720 Lm, Wht, Dk Grey, Sbl, Dk Grey, Arn
3720-3730 Lm, Tan, Dk Tan, Fn, Arn, Sl Arn, Sbl, Dk Grey, Arn
3730-3740 Lm, Wht, Dk Grey, Sbl, Dk Grey, Arn
3740-3750 Lm, Tan, Dk Tan, Fn, Arn, Sl Arn, Sbl, Dk Grey, Arn
3750-3760 Lm, Wht, Dk Grey, Sbl, Dk Grey, Arn
3760-3770 Lm, Tan, Dk Tan, Fn, Arn, Sl Arn, Sbl, Dk Grey, Arn
3770-3780 Lm, Wht, Dk Grey, Sbl, Dk Grey, Arn
3780-3790 Lm, Tan, Dk Tan, Fn, Arn, Sl Arn, Sbl, Dk Grey, Arn
3790-3800 Lm, Wht, Dk Grey, Sbl, Dk Grey, Arn
3800-3810 Lm, Tan, Dk Tan, Fn, Arn, Sl Arn, Sbl, Dk Grey, Arn
3810-3820 Lm, Wht, Dk Grey, Sbl, Dk Grey, Arn
3820-3830 Lm, Tan, Dk Tan, Fn, Arn, Sl Arn, Sbl, Dk Grey, Arn
3830-3840 Lm, Wht, Dk Grey, Sbl, Dk Grey, Arn
3840-3850 Lm, Tan, Dk Tan, Fn, Arn, Sl Arn, Sbl, Dk Grey, Arn
3850-3860 Lm, Wht, Dk Grey, Sbl, Dk Grey, Arn
3860-3870 Lm, Tan, Dk Tan, Fn, Arn, Sl Arn, Sbl, Dk Grey, Arn
3870-3880 Lm, Wht, Dk Grey, Sbl, Dk Grey, Arn
3880-3890 Lm, Tan, Dk Tan, Fn, Arn, Sl Arn, Sbl, Dk Grey, Arn
3890-3900 Lm, Wht, Dk Grey, Sbl, Dk Grey, Arn
3900-3910 Lm, Tan, Dk Tan, Fn, Arn, Sl Arn, Sbl, Dk Grey, Arn
3910-3920 Lm, Wht, Dk Grey, Sbl, Dk Grey, Arn
3920-3930 Lm, Tan, Dk Tan, Fn, Arn, Sl Arn, Sbl, Dk Grey, Arn
3930-3940 Lm, Wht, Dk Grey, Sbl, Dk Grey, Arn
3940-3950 Lm, Tan, Dk Tan, Fn, Arn, Sl Arn, Sbl, Dk Grey, Arn
3950-3960 Lm, Wht, Dk Grey, Sbl, Dk Grey, Arn
3960-3970 Lm, Tan, Dk Tan, Fn, Arn, Sl Arn, Sbl, Dk Grey, Arn
3970-3980 Lm, Wht, Dk Grey, Sbl, Dk Grey, Arn
3980-3990 Lm, Tan, Dk Tan, Fn, Arn, Sl Arn, Sbl, Dk Grey, Arn
3990-4000 Lm, Wht, Dk Grey, Sbl, Dk Grey, Arn
4000-4010 Lm, Tan, Dk Tan, Fn, Arn, Sl Arn, Sbl, Dk Grey, Arn
4010-4020 Lm, Wht, Dk Grey, Sbl, Dk Grey, Arn
4020-4030 Lm, Tan, Dk Tan, Fn, Arn, Sl Arn, Sbl, Dk Grey, Arn
4030-4040 Lm, Wht, Dk Grey, Sbl, Dk Grey, Arn
4040-4050 Lm, Tan, Dk Tan, Fn, Arn, Sl Arn, Sbl, Dk Grey, Arn
4050-4060 Lm, Wht, Dk Grey, Sbl, Dk Grey, Arn
4060-4070 Lm, Tan, Dk Tan, Fn, Arn, Sl Arn, Sbl, Dk Grey, Arn
4070-4080 Lm, Wht, Dk Grey, Sbl, Dk Grey, Arn
4080-4090 Lm, Tan, Dk Tan, Fn, Arn, Sl Arn, Sbl, Dk Grey, Arn
4090-4100 Lm, Wht, Dk Grey, Sbl, Dk Grey, Arn
4100-4110 Lm, Tan, Dk Tan, Fn, Arn, Sl Arn, Sbl, Dk Grey, Arn
4110-4120 Lm, Wht, Dk Grey, Sbl, Dk Grey, Arn
4120-4130 Lm, Tan, Dk Tan, Fn, Arn, Sl Arn, Sbl, Dk Grey, Arn
4130-4140 Lm, Wht, Dk Grey, Sbl, Dk Grey, Arn
4140-4150 Lm, Tan, Dk Tan, Fn, Arn, Sl Arn, Sbl, Dk Grey, Arn
4150-4160 Lm, Wht, Dk Grey, Sbl, Dk Grey, Arn
4160-4170 Lm, Tan, Dk Tan, Fn, Arn, Sl Arn, Sbl, Dk Grey, Arn
4170-4180 Lm, Wht, Dk Grey, Sbl, Dk Grey, Arn
4180-4190 Lm, Tan, Dk Tan, Fn, Arn, Sl Arn, Sbl, Dk Grey, Arn
4190-4200 Lm, Wht, Dk Grey, Sbl, Dk Grey, Arn
4200-4210 Lm, Tan, Dk Tan, Fn, Arn, Sl Arn, Sbl, Dk Grey, Arn
4210-4220 Lm, Wht, Dk Grey, Sbl, Dk Grey, Arn
4220-4230 Lm, Tan, Dk Tan, Fn, Arn, Sl Arn, Sbl, Dk Grey, Arn
4230-4240 Lm, Wht, Dk Grey, Sbl, Dk Grey, Arn
4240-4250 Lm, Tan, Dk Tan, Fn, Arn, Sl Arn, Sbl, Dk Grey, Arn
4250-4260 Lm, Wht, Dk Grey, Sbl, Dk Grey, Arn
4260-4270 Lm, Tan, Dk Tan, Fn, Arn, Sl Arn, Sbl, Dk Grey, Arn
4270-4280 Lm, Wht, Dk Grey, Sbl, Dk Grey, Arn
4280-4290 Lm, Tan, Dk Tan, Fn, Arn, Sl Arn, Sbl, Dk Grey, Arn
4290-4300 Lm, Wht, Dk Grey, Sbl, Dk Grey, Arn
4300-4310 Lm, Tan, Dk Tan, Fn, Arn, Sl Arn, Sbl, Dk Grey, Arn
4310-4320 Lm, Wht, Dk Grey, Sbl, Dk Grey, Arn
4320-4330 Lm, Tan, Dk Tan, Fn, Arn, Sl Arn, Sbl, Dk Grey, Arn
4330-4340 Lm, Wht, Dk Grey, Sbl, Dk Grey, Arn
4340-4350 Lm, Tan, Dk Tan, Fn, Arn, Sl Arn, Sbl, Dk Grey, Arn
4350-4360 Lm, Wht, Dk Grey, Sbl, Dk Grey, Arn
4360-4370 Lm, Tan, Dk Tan, Fn, Arn, Sl Arn, Sbl, Dk Grey, Arn
4370-4380 Lm, Wht, Dk Grey, Sbl, Dk Grey, Arn
4380-4390 Lm, Tan, Dk Tan, Fn, Arn, Sl Arn, Sbl, Dk Grey, Arn
4390-4400 Lm, Wht, Dk Grey, Sbl, Dk Grey, Arn
4400-4410 Lm, Tan, Dk Tan, Fn, Arn, Sl Arn, Sbl, Dk Grey, Arn
4410-4420 Lm, Wht, Dk Grey, Sbl, Dk Grey, Arn
4420-4430 Lm, Tan, Dk Tan, Fn, Arn, Sl Arn, Sbl, Dk Grey, Arn
4430-4433 Lm, Wht, Dk Grey, Sbl, Dk Grey, Arn

Heebner 3678' -1388
Lansing 3719' -1429
BKC 4036' -1746
Pawnee 4117' -1827
Fort Scott 4165' -1875
Cherokee 4182' -1892
Mississippian 4321' -2031
Total Depth 4387' -2097

DRILLING TIME (Log Units Scale)

DEPTH

LITHOLOGY

Respectfully,
Jason Alm

Geological Report

American Warrior, Inc.
Rothweiler #3
335’ FSL & 1825’ FWL
Sec. 3 T19s R21w
Ness County, Kansas

American Warrior, Inc.

General Data

Well Data:	American Warrior, Inc. Rothweiler #3 335' FSL & 1825' FWL Sec. 3 T19s R21w Ness County, Kansas API # 15-135-25055-0000
Drilling Contractor:	Petromark Drilling, LLc Rig #1
Geologist:	Jason Alm
Spud Date:	April 14, 2011
Completion Date:	April 21, 2011
Elevation:	2234' Ground Level 2240' Kelly Bushing
Directions:	Bazine KS, East on Hwy 96 to GG rd. South on GG rd. to 110 rd. East ¼ mi. North into location.
Casing:	223' 8 5/8" surface casing
Samples:	10' wet and dry, 3600' to RTD
Drilling Time:	3600' to RTD
Electric Logs:	None
Drillstem Tests:	None
Problems:	Rig was one joint off from 2203' to RTD. The extra joint was accounted for and all formation tops were corrected.
Remarks:	None

Formation Tops

Formation	American Warrior, Inc. Rothweiler #3 Sec. 3 T19s R21w 335' FSL & 1825' FWL
Anhydrite	**1454', +786**
Base	**1488', +752**
Heebner	**3698', -1458**
Lansing	**3744', -1504**
BKc	**4056', -1816**
Pawnee	**4147', -1907**
Fort Scott	**4215', -1975**
Cherokee	**4232', -1992**
Mississippian	**4321', -2081**
RTD	**4337', -2097**

Sample Zone Descriptions

Mississippian Osage (4321', -2081): Not Tested

Dolo – Δ – Fine sucrosic crystalline with fair vuggy porosity, very heavy trip chert, heavily weathered with good vuggy porosity, barren, no fluorescents, no gas kick.

Structural Comparison

Formation	**American Warrior, Inc. Rothweiler #3 Sec. 3 T19s R21w 335' FSL & 1825' FWL**	American Warrior, Inc. Rothweiler #2 Sec. 3 T19s R21w 750' FSL & 2310' FWL		Harvey Gough Rothweiler #1 Sec. 3 T19s R21w 1756' FSL & 884' FWL	
Anhydrite	**1454', +786**	1437', +792	**(-6)**	1427', +797	**(-11)**
Base	**1488', +752**	NA	**NA**	1460', +764	**(-12)**
Heebner	**3698', -1458**	3687', -1458	**FL**	3677', -1453	**(-5)**
Lansing	**3744', -1504**	3731', -1502	**(-2)**	3723', -1499	**(-5)**
BKc	**4056', -1816**	NA	**NA**	NA	**NA**
Pawnee	**4147', -1907**	4131', -1902	**(-5)**	4133', -1909	**(-2)**
Fort Scott	**4215', -1975**	4200', -1971	**(-4)**	4204', -1980	**(+5)**
Cherokee	**4232', -1992**	4215', -1986	**(-6)**	4218', -1994	**(+2)**
Mississippian	**4321', -2081**	4303', -2074	**(-7)**	4293', -2069	**(-12)**

Summary

The location for the Rothweiler #3 was found via 3-D seismic survey. The new well ran structurally lower than expected via the survey. No drill stem tests were run due to lack of shows throughout the well. After all gathered data had been examined the decision was made to plug and abandon the Rothweiler #3 well.

Respectfully Submitted,

Jason Alm
Hard Rock Consulting, Inc.

ALLIED CEMENTING CO., LLC. 037188

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT: Great Bend KS

DATE 4-14-2011	SEC. 3	TWP. 19S	RANGE 21W	CALLED OUT	ON LOCATION	JOB START 9:00PM	JOB FINISH 9:30PM
LEASE Rothweiler	WELL # 3		LOCATION Bazine KS, 3E 2S, 1/4E N/into			COUNTY Ness	STATE KS,
OLD OR NEW (Circle one)							

CONTRACTOR Petromark #1
TYPE OF JOB Surface
HOLE SIZE 12 1/4 T.D. 223 FT
CASING SIZE 8 5/8 DEPTH 223 FT
TUBING SIZE DEPTH
DRILL PIPE 4 1/2 DEPTH 223 FT
TOOL DEPTH
PRES. MAX 250 PSI MINIMUM —
MEAS. LINE SHOE JOINT 15 FT
CEMENT LEFT IN CSG. 15 FT
PERFS.
DISPLACEMENT Fresh Water 13 BBLS,

OWNER American Warrior

CEMENT

AMOUNT ORDERED 160sx A+3%cc +2% Gel

EQUIPMENT

PUMP TRUCK CEMENTER David W.
366 HELPER David W.
BULK TRUCK
341 DRIVER Greg R.
BULK TRUCK
DRIVER

REMARKS:

Pipe on Bottom Break circ
Mix 160sx A+3%cc +2% Gel
Displace with 13 BBLS, Fresh Water
Shut in Cement did Circ

COMMON		@	
POZMIX		@	
GEL		@	
CHLORIDE		@	
ASC		@	
HANDLING		@	
MILEAGE			
		TOTAL	

SERVICE

DEPTH OF JOB	223 FT		
PUMP TRUCK CHARGE			
EXTRA FOOTAGE		@	
MILEAGE		@	
MANIFOLD		@	
		TOTAL	

CHARGE TO: American Warrior
STREET
CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

TOTAL

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 done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any)
TOTAL CHARGES
DISCOUNT IF PAID IN 30 DAYS

PRINTED NAME Curtis Uhl

SIGNATURE x Curtis J. Uhl

Thank You!

ALLIED CEMENTING CO., LLC. 043342

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT: Oakley, KS

DATE	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
4-19-11	3	19	21		11:00 am	6:30a	7:00am

LEASE	WELL #	LOCATION	COUNTY	STATE
Rottweiler	3	Bazine, KS 4E to Rd GG 2S 1/4E into	Ness	KS

OLD OR NEW (Circle one)

CONTRACTOR Petromark Drilling
TYPE OF JOB PTA
HOLE SIZE 7 7/8 T.D. 3363
CASING SIZE DEPTH
TUBING SIZE DEPTH
DRILL PIPE 4 1/2 DEPTH 1470'
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG.
PERFS.
DISPLACEMENT

OWNER Same

CEMENT

AMOUNT ORDERED 200 sks 60/40 4% gel 1/4 # flo seal

EQUIPMENT

PUMP TRUCK # 422 CEMENTER LaRue
HELPER Wayne
BULK TRUCK # 341 DRIVER Bob
BULK TRUCK # DRIVER

COMMON	120 sks	@	16.25	1950.00
POZMIX	80 sks	@	8.50	680.00
GEL	7 sks	@	21.25	148.75
CHLORIDE		@		
ASC		@		
		@		
Flo-seal	50#	@	2.70	135.00
		@		
		@		
waiting time	2 hrs	@	300.00	600.00
		@		
		@		
		@		
HANDLING	208 sks	@	2.25	468.00
MILEAGE	11 mi			343.20
			TOTAL	4324.95

REMARKS:

50 sks at 1470'
50 sks at 710'
50 sks at 260'
20 sks at 60'
30 sks in Rat hole

SERVICE

DEPTH OF JOB	1470'		
PUMP TRUCK CHARGE			1250.00
EXTRA FOOTAGE		@	
MILEAGE	15 x 2	@ 7.00	210.00
MANIFOLD		@	
Light vehicle mileage	15 x 2	@ 4.00	120.00
		@	
		TOTAL	1580.00

CHARGE TO: American Warrior
STREET
CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

		@	
		@	
		@	
		@	
		@	
		TOTAL	

SALES TAX (If Any)
TOTAL CHARGES
DISCOUNT IF PAID IN 30 DAYS

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 done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Jerry Dunn

SIGNATURE Jerry Dunn

ALLIED CEMENTING CO., LLC

Cementing & Acidizing Services

CEMENTING LOG

STAGE NO.

Date 4-19-11 District Oakley, KS Ticket No. 43342

Company American Warrior Rig Petromark #1

Lease Rothweiler Well No. 3

County Ness State KS

Location 3-19-21 Field

Bazine, KS E to GGRd. 25 1/4 E North

CASING DATA: Conductor ☐ PTA ☑ Squeeze ☐ Misc ☐

Surface ☐ Intermediate ☐ Production ☐ Liner ☐

Size 8 5/8 Type Weight Collar

Casing Depths: Top K.B. Bottom 260'

Drill Pipe: Size Weight Collars

Open Hole: Size 7 7/8 T.D. 3363 ft. P.B. to 1470 ft.

CAPACITY FACTORS:

Casing:	Bbls/Lin. ft.	Lin. ft./Bbl.
Open Holes:	Bbls/Lin. ft.	Lin. ft./Bbl.
Drill Pipe:	Bbls/Lin. ft. .01422	Lin. ft./Bbl.
Annulus:	Bbls/Lin. ft.	Lin. ft./Bbl.
	Bbls/Lin. ft.	Lin. ft./Bbl.

Perforations: From ft. to ft. Amt.

CEMENT DATA:

Spacer Type:

Amt. Sks Yield ft³/sk Density PPG

LEAD: Pump Time hrs. Type 60/40 4% gel

Excess

Amt. 200 Sks Yield 1.42 ft³/sk Density 13.8 PPG

TAIL: Pump Time hrs. Type

Excess

Amt. Sks Yield ft³/sk Density PPG

WATER: Lead gals/sk Tail gals/sk Total Bbls.

Pump Trucks Used 422 - Wayne

Bulk Equip. 341 - Bob

Float Equip: Manufacturer

Shoe: Type Depth

Float: Type Depth

Centralizers: Quantity Plugs Top Btm.

Stage Collars

Special Equip.

Disp. Fluid Type Water Amt. Bbls. Weight PPG

Mud Type Weight PPG

COMPANY REPRESENTATIVE

CEMENTER LaRene

TIME AM/PM	PRESSURES PSI DRILL PIPE CASING	PRESSURES PSI ANNULUS	FLUID PUMPED DATA TOTAL FLUID	FLUID PUMPED DATA Pumped Per Time Period	FLUID PUMPED DATA RATE Bbls Min.	REMARKS
6:30						Start water
						Start cement 50sks at 1470'
				13.6		Stop cement, displace down
						Start cement at 710' 50sks
				3.0		Stop cement Displace down
						Start cement 50sks at 260'
				.5		Stop cement displace down
						Top plug 20sks at 60'
7:00						Plug Rathole 30sks

FINAL DISP. PRESS: PSI BUMP PLUG TO PSI BLEEDBACK BBLS. THANK YOU

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