



KANSAS CORPORATION COMMISSION 1081983
OIL & GAS CONSERVATION DIVISION

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: NCRA

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 #: _____

<u>01/21/2012</u>	<u>01/29/2012</u>	<u>04/16/2012</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-135-25276-00-00

Spot Description: _____
NE NE SW NE Sec. 5 Twp. 19 S. R. 21 East West
1422 Feet from North / South Line of Section
1375 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Ness

Lease Name: Elton Well #: 1-5

Field Name: Bazine Southeast

Producing Formation: Mississippian

Elevation: Ground: 2158 Kelly Bushing: 2164

Total Depth: 4263 Plug Back Total Depth: 4262

Amount of Surface Pipe Set and Cemented at: 222 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: 1356 Feet

If Alternate II completion, cement circulated from: 1356

feet depth to: 0 w/ 120 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 Gombor Date: 05/21/2012



1081983

Operator Name: American Warrior, Inc. Lease Name: Elton Well #: 1-5
 Sec. 5 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 <i>(Attach Additional Sheets)</i>	<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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name Attached	Top Attached	Datum Attached
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Submitted Electronically <i>(If no, Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				
Dual Induction, Dual Compensated Porosity Dual Receiver Cement Bond				

CASING RECORD <input checked="" type="checkbox"/> New <input 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	12.25	8.625	23	222	Common	150	3% CC/ 2% gel
Production	7.875	5.5	15.5	4262	EA-2	175	1/4# Flocele

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	0-1356	SMD	120	1/4# Flocele
-	-	-	-	-

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
4	4256-4262		

TUBING RECORD:	Size: <u>2.375</u>	Set At: <u>4258</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>04/16/2012</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
Estimated Production Per 24 Hours	Oil Bbls. <u>20</u>	Gas Mcf <u>30</u>	Water Bbls. <u>30</u>	Gas-Oil Ratio <u>40</u>

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: <u>4256-4262</u>
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Elton 1-5
Doc ID	1081983

Tops

Anhydrite	1381	783
Heebner	3625	-1461
Lansing	3670	-1506
Base Kansas City	3992	-1828
Pawnee	4080	-1916
Ft. Scott	4150	-1986
Cherokee	4166	-2002
Mississippian	4253	-2089
TD	4263	-2099

ALLIED CEMENTING CO., LLC. 8742395

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

SERVICE POINT:
Great Bend KS

DATE <u>1-27-12</u>	SEC <u>5</u>	TWP <u>19s</u>	RANGE <u>21W</u>	ON LOCATION	JOB START <u>10:00 AM</u>	JOB FINISH <u>11:30 AM</u>
LEASE <u>Elton</u>	WELL # <u>1-5</u>	LOCATION <u>Drone KS / south 1</u>		COUNTRY <u>Ness</u>	STATE <u>KS</u>	
OLD OR (NEW) (Circle one)		CORNER <u>1/2 north 1st NW 1/4</u>				
CONTRACTOR <u>Retracker Rig 1</u>			OWNER <u>American Wagon</u>			
TYPE OF JOB <u>Surface</u>			CEMENT AMOUNT ORDERED <u>150 sks Class A</u>			
HOLE SIZE <u>12 1/4</u>			CEMENT TYPE <u>306 CS 206 gel</u>			
CASING SIZE <u>8 3/8</u>			DEPTH <u>222</u>			
TUBING SIZE			DEPTH			
DRILL PIPE			DEPTH			
TOOL			DEPTH			
PRESS MAX			MINIMUM			
MEAS LINE			SHOE JOINT			
CEMENT LEFT IN CSG <u>15 FT</u>						
PERFS						
DISPLACEMENT						

EQUIPMENT

PUMP TRUCK # <u>798</u>	CEMENTER <u>Gregg</u>
BULK TRUCK # <u>311</u>	HELPER <u>Shane</u>
	DRIVER <u>John P</u>
BULK TRUCK #	DRIVER

REMARKS:
On location - Rig up Break
circulation rig and Hoop
150 sks Class A 306
CS 206 gel Displace with
306 CS 206 gel
Concrete Circulate
15 sks

CHARGE TO: American Wagon

STREET _____

CITY _____ STATE _____ ZIP _____

COMMON	<input type="checkbox"/>
POZMIX	<input type="checkbox"/>
GEL	<input type="checkbox"/>
CHLORIDE	<input type="checkbox"/>
ASC	<input type="checkbox"/>
HANDLING MILEAGE	<input type="checkbox"/>
TOTAL	_____

SERVICE

DEPTH OF JOB	_____
PUMP TRUCK CHARGE	_____
EXTRA FOOTAGE	<input type="checkbox"/>
MILEAGE	<input type="checkbox"/>
MANIFOLD	<input type="checkbox"/>
TOTAL	_____

PLUG & FLOAT EQUIPMENT

<input type="checkbox"/>	_____
<input type="checkbox"/>	_____
<input type="checkbox"/>	_____
<input type="checkbox"/>	_____
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.

PRINTED NAME John Smith

SIGNATURE [Signature]

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS



ALLIED CEMENTING CO., LLC

Cementing & Acidizing Services

CEMENTING LOG

STAGE NO. _____

Date 1-23-12 District Great Bend Ticket No. 42395
 Company Lincoln-Warner Rig 1st string 1
 Lease Elton Well No. 1-5
 County Wichita State KS
 Location 22111e / 504th / 1 Field 18
4997 11= north / 1997 N. 147e

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 5 7/8 Type New Weight 222 Collar 8.00

Casing Depth: Top 1188 Bottom 222

Drill Pipe: Size 4 1/2 Weight 16.6 Collars Shale
 Open Hole: Size _____ T.D. _____ ft. P.B. to _____ ft.

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. 0.637 Lin. ft./Bbl. 15.70
 Open Hole: Bbls/Lin. ft. 1.458 Lin. ft./Bbl. 6.85
 Drill Pipe: Bbls/Lin. ft. 0.142 Lin. ft./Bbl. 7.03
 Annulus: Bbls/Lin. ft. 0.925 Lin. ft./Bbl. 13.60

Perforations: From _____ ft. to _____ ft. Amt. _____

CEMENT DATA: Freshwater
 Spacer Type: _____
 Amt. 5 bbl Slts Yield _____ ft³/sk Density 8.32 PPG

LEAD: Pump Time _____ hrs. Type _____
 Amt. _____ Slts Yield _____ ft³/sk Density _____ PPG

Tail: Pump Time 40 min Type Class A
 Amt. 150 Slts Yield 1.34 ft³/sk Density 15.2 PPG

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

Pump Trucks Used _____
 Bulk Equip. _____

Floater Equip: Manufacturer _____
 Shoe: Type _____ Depth _____
 Floater: Type _____ Depth _____

Centralizers: Quantity _____ Plugs Top _____ Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type Freshwater Amt. _____ Bbls. Weight 5.35 PPG
 Mud Type Native Weight 9.1 PPG

COMPANY REPRESENTATIVE _____

CEMENTER Greg L

TIME AM/PM	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
						On location - Rig up
						hook safety meeting
						Run 5 7/8 casing
						Circulate casing w/ rig mud
						Hook up
						Run 5 bbl freshwater ahead
			40.80	35.80		with 150 slts cement
			53.98	13.18		Displace with 13.18 bbl
						freshwater
						Shut in
						Cement did circulate



CHARGE TO: *Am. ...*
 ADDRESS: *...*
 CITY, STATE, ZIP CODE: *...*

TICKET
19789

PAGE 1 OF 2

1. SERVICE LOCATIONS <i>N. ...</i>	WELL/PROJECT NO. <i>1-5</i>	LEASE <i>Ellen</i>	COUNTY/PARISH <i>N.</i>	STATE <i>Ks.</i>	CITY	DATE <i>1 27 12</i>	OWNER <i>Sam</i>
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <i>Pennland ...</i>	RIG NAME/NO.	SHIPPED VIA <i>CIT</i>	DELIVERED TO <i>L.c.</i>	ORDER NO.	
3.	WELL TYPE <i>O.I</i>	WELL CATEGORY <i>Development</i>	JOB PURPOSE <i>Cont. 5 1/2" long string</i>	WELL PERMIT NO.	WELL LOCATION <i>Sec 5-193-21W</i>		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT	
		LOC	ACCT	DF			U/M				
575		1			MILEAGE	2	mi	6	100	120	100
578		1			Pump Service	1	ea	1,500	100	1,500	100
401		1			Trussit Float Shoe	1	ea	5 1/2 in	160	160	100
406		1			Latch Down Plug + Buffer	1	ea		250	250	100
402		1			Control Lines	5	ea		70	350	100
403		1			Cont. Bracket	2	ea		250	500	100
404		1			Para Collar	1	ea		2400	2400	100
419		1			Rotating head	1	ea		200	200	100
221		1			Mud Flush	500	gal		1	625	100
221		1			KCL Flush	2	gal		2	50	100
210		1			O A-B	1	gal		35	35	100
		1			<i>See Continuation</i>					4,481	100

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X
DATE SIGNED _____ TIME SIGNED A.M. P.M.

REMIT PAYMENT TO:

 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	14701	100
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?						
WE UNDERSTOOD AND MET YOUR NEEDS?						
OUR SERVICE WAS PERFORMED WITHOUT DELAY?						
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				TAX		
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES <input type="checkbox"/> NO			TOTAL		
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND						

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES

SWIFT OPERATOR *[Signature]* APPROVAL _____

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE: 7-27-12 PAGE NO. 1

CUSTOMER: American Leasing WELL NO.: 1-5 LEASE: L11001 JOB TYPE: Long String TREATMENT NO.: 19789

CHART NO.	TIME	RATE (BPM)	VOLUME (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	11:30							0.1 l.u. Start in hole with 5 1/2" Csg. Insert Plug Shoe Latch down Ballie Cont. "1", "2", "3", "4", "13" Packer "5", "69" Pore Cooled "69" 1356'
	13:25							C. pack to down hole Joint
	14:00							Dr. p. Ball C. pack hole + Packer Csg.
	14:15	5	12					Phy. Run hole 30" Ramp 5000' of Steel Flute 20" K&L Flute
	14:30		20					Start string 145' of EA-2 Cont.
	14:40		35					Finish string Latched Pump + Line Dr. in. Latched down Plug Plug down 1500' including PT + pump. Dr. down wire + Pick up tool
	15:45							Job Complete

7/27/12
By: [Signature]



PO Box 466
Ness City, KS 67560
Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 19789

CUSTOMER *American Walnut* WELL *Ellen #1-5* DATE *1-29-12* PAGE *2* OF *2*

Item	QTY	UNIT	DESCRIPTION	WT	UNIT	WT	UNIT	WT	UNIT
325	1		Standard Cement	175	sq	13	sq	2362	sq
214	1		Cal Seal	8	sq	35	sq	250	sq
213	1		Salt	920	#	PE		190	sq
292	1		Detail-322	124	#	7	sq	961	sq
276	1		Florels	44	#	2	sq	88	sq
511			SERVICE CHARGE						
512			TOTAL WEIGHT	13,391					
			LOADED MILES	25					
			CUBIC FEET	175 sq		2	sq	350	sq
			TON MILES	230	sq			250	sq

4,481 sq



CHARGE TO: AMERICAN WARRIOR
 ADDRESS:
 CITY, STATE, ZIP CODE:

TICKET N° 21041
 PAGE 1 OF 1

SERVICE LOCATIONS 1. NESS CITY, KS.	WELL/PROJECT NO.	LEASE ELTON-1-S	COUNTY/PARISH NESS	STATE KS.	CITY BAZINE, KS	DATE 10 FEB 12	OWNER
2.	TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR H D OIL FIELD SERV.	RIG NAME/NO.	SHIPPED VA	DELIVERED TO	ORDER NO.	
3.	WELL TYPE OIL	WELL CATEGORY DEVELOPMENT	JOB PURPOSE CEMENT PORT COLLAR	WELL PERMIT NO.	WELL LOCATION 35, 2E, 1N, N/W 1/4 I.T.O.		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT		UNIT PRICE	AMOUNT
		LOC	ACCT	DF			UM		UM		
575					MILEAGE #110	25	MIL			6.00	150.00
576D					PUMP CHARGE	1	SB			1250.00	1250.00
105					PORT COLLAR OPENING TOOL	1	SB			350.00	350.00
276					FLOECE	30	lbs			2.00	60.00
290					D-AIR	1 1/2	PK			35.00	52.50
330					SWIFT MULTI DENSITY	120	5x			16.50	1980.00
581					SERVICE CHARGE CEMENT	175	5x			2.00	350.00
582					MINIMUM DRAYAGE	17384	16x	217.3	TM	250.00	250.00

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MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

x Scott
 DATE SIGNED 10 FEB 12 TIME SIGNED 1315 A.M. P.M.

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	4442.50
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?					
WE UNDERSTOOD AND MET YOUR NEEDS?					
OUR SERVICE WAS PERFORMED WITHOUT DELAY?					
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?					
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO			
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				TOTAL	4596.38

SWIFT OPERATOR *Scott Handiff* APPROVAL

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE **10 FEB 12** PAGE NO.

CUSTOMER **AMERICAN WARRIOR**

WELL NO.

LEASE **KLTON 1-S**

JOB TYPE **CEMENT PORT COLLAR**

TICKET NO. **21641**

CHART NO.	TIME	RATE (GPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1030							ON LOCATION
								PORT COLLAR @ 1356'
	1100							WAIT ON WATER TRUCKS
	1205			✓		1000		TEST - HELD
	1207	3		✓	✓		450	OPEN PORT COLLAR TAKE INS. RATE.
	1210	4	662	✓		600		MIX 120 SX SMD
		3	4	✓		350		DISPLACE CEMENT
								CIRCULATE 15 SX TO PIT
	1229			✓		1000		CLOSE PORT COLLAR - TEST - HELD
								RUN 4 JTS.
	1239	3	15	✓			300	REVERSE CEMENT OUT
	1245							WASH TRUCK
	1315							JOB COMPLETE
								THANKS #110
								JASON JEFF SHAMIE ISSAR

Geological Report

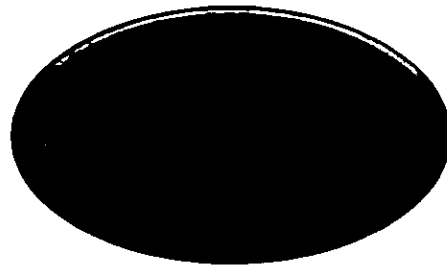
American Warrior, Inc.

Elton #1-5

1480' FNL & 1375' FEL

Sec. 5 T19s R21w

Ness County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
Elton #1-5
1480' FNL & 1375' FEL
Sec. 5 T19s R21w
Ness County, Kansas
API # 15-135-25276-0000

Drilling Contractor: Petromark Drilling, LLc Rig #1

Geologist: Jason Alm

Spud Date: January 21, 2012

Completion Date: January 29, 2012

Elevation: 2158' Ground Level
2164' Kelly Bushing

Directions: Bazine KS, South on DD rd to 110 rd, East to EE rd, South to 115 rd. East 1 mi. East through farmstead, North and West into location.

Casing: 222' 8 5/8" surface casing
4262' 5 1/2" production casing

Samples: 10' wet and dry, 3500' to RTD

Drilling Time: 3500' to RTD

Electric Logs: Log-Tech, Inc. "Jared Long"
CNL/CDL, DIL

Drillstem Tests: Two, Trilobite Testing, Inc. "Ray Schwager"

Problems: None

Remarks: Gas detector was not able to read any gas for the Mississippian due to oil content in pits from DST #1.

Formation Tops

Formation	American Warrior, Inc. Elton #1-5 Sec. 5 T19s R21w 1480' FNL & 1375' FEL
Anhydrite	1381', +783
Base	1415', +749
Heebner	3625', -1461
Lansing	3670', -1506
BKc	3992', -1828
Pawnee	4080', -1916
Fort Scott	4150', -1986
Cherokee	4166', -2002
Mississippian	4253', -2089
LTD	4263', -2099
RTD	4263', -2099

Sample Zone Descriptions

- Fort Scott (4150', -1986):** **Not Tested**
 Ls – Fine crystalline with poor scattered inter-crystalline porosity, light to fair oil stain in porosity, slight show of free oil when broken, light odor, good yellow fluorescents, 20 units hotwire.
- Cherokee "A" Sand (4173', -2009):** **Covered in DST #1**
 Ss – quartz, frosted, fine grained, fairly rounded, poorly cemented, well sorted with fair inter-granular porosity, light spotted oil stain in cluster, show of free oil when broken, no odor, dull yellow fluorescents, many random grains, 16 units hotwire.
- Mississippian Osage (4253', -2089):** **Covered in DST #2**
 Dolo – Δ – Fine sucrosic crystalline with fair vuggy porosity, very heavy chert, tripolitic, weathered with good vuggy porosity, light scattered oil stain in porosity, slight show of free oil on cup, good odor, fair to good yellow cut fluorescents.

Drill Stem Tests

Trilobite Testing, Inc.

"Ray Schwager"

DST #1

Cherokee "A" Sand

Interval (4167' - 4190') Anchor Length 23'

IHP	- 2119 #	
IFP	- 5" - B.O.B. 2 min.	134-162 #
ISI	- 15" - W.S.B.	379 #
FFP	- 5" - B.O.B. 2 min.	164-199 #
FSI	- 15" - W.S.B.	359 #
FHP	- 1979 #	
BHT	- 116°F	

Recovery: 129' OCMW 10% Oil, 50% Water
 248' Water

DST #2

Mississippian Osage

Interval (4256' - 4263') Anchor Length 7'

IHP	- 2048 #	
IFP	- 30" - B.O.B. 16 min.	35-91 #
ISI	- 45" - Built to 1 1/2 in.	1179 #
FFP	- 30" - B.O.B. 12 min.	98-132 #
FSI	- 45" - Built to 3 in.	1169 #
FHP	- 2029 #	
BHT	- 119°F	

Recovery: 124' GIP
 170' GCO
 124' MGO 70% Oil

Structural Comparison

	American Warrior, Inc. Elton #1-5 Sec. 5 T19s R21w 1480' FNL & 1375' FEL	Dreiling LTD Margheim #1 Sec. 5 T19s R21w 1980' FNL & 2310' FEL		American Warrior, Inc. Elton Unit #4-5 Sec. 5 T19s R21w 375' FNL & 85' FEL	
Formation					
Anhydrite	1381', +783	1405', +777	(+6)	1345', +788	(-5)
Base	1415', +749	1439', +743	(+6)	1380', +753	(-4)
Heebner	3625', -1461	3654', -1472	(+11)	3592', -1459	(-2)
Lansing	3670', -1506	3703', -1521	(+15)	3635', -1502	(-4)
BKc	3992', -1828	NA	NA	3958', -1825	(-3)
Pawnee	4080', -1916	NA	NA	4044', -1911	(-5)
Fort Scott	4150', -1986	4183', -2001	(+15)	4114', -1981	(-5)
Cherokee	4166', -2002	4198', -2016	(+14)	4132', -1999	(-3)
Mississippian	4253', -2089	4287', -2105	(+16)	4210', -2077	(-12)

Summary

The location for the Elton #1-5 was found via 3-D seismic survey. The new well ran structurally as expected via the survey. Two drill stem tests were conducted one of 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 1/2 inch production casing to further evaluate the Elton #1-5 well.

Recommended Perforations

Primary:

Mississippian Osage (4256' – 4263') **DST #2**

Before Abandonment:

Fort Scott (4154' – 4258') **Not Tested**

Respectfully Submitted,

Jason T. Alm
Hard Rock Consulting, Inc.

Project Information
Project Name: _____
Location: _____
Date: _____

Personnel
Name: _____
Title: _____
Signature: _____

Equipment
Type: _____
Model: _____
Serial: _____

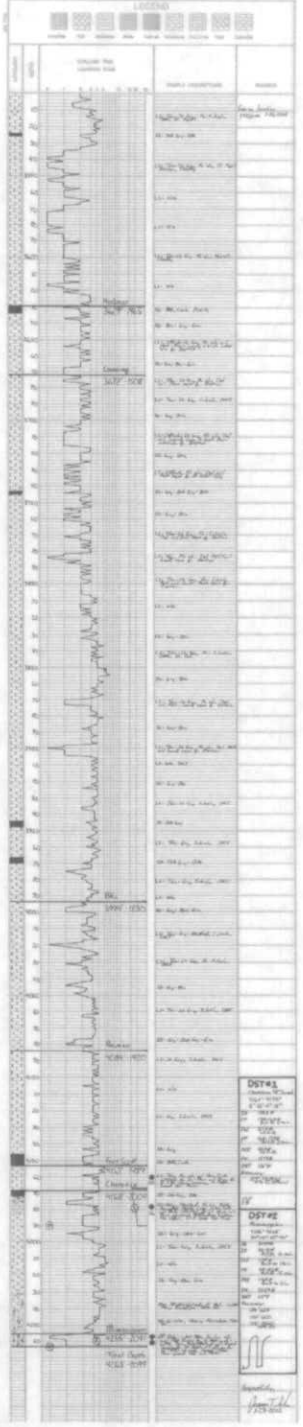
Site Data
Elevation: _____
Coordinates: _____

Notes

Time	Depth	Temperature	Salinity	Other
08:00	0.0	20.5	35.0	
08:10	0.5	20.5	35.0	
08:20	1.0	20.5	35.0	
08:30	1.5	20.5	35.0	
08:40	2.0	20.5	35.0	
08:50	2.5	20.5	35.0	
09:00	3.0	20.5	35.0	
09:10	3.5	20.5	35.0	
09:20	4.0	20.5	35.0	
09:30	4.5	20.5	35.0	
09:40	5.0	20.5	35.0	
09:50	5.5	20.5	35.0	
10:00	6.0	20.5	35.0	
10:10	6.5	20.5	35.0	
10:20	7.0	20.5	35.0	
10:30	7.5	20.5	35.0	
10:40	8.0	20.5	35.0	
10:50	8.5	20.5	35.0	
11:00	9.0	20.5	35.0	
11:10	9.5	20.5	35.0	
11:20	10.0	20.5	35.0	
11:30	10.5	20.5	35.0	
11:40	11.0	20.5	35.0	
11:50	11.5	20.5	35.0	
12:00	12.0	20.5	35.0	
12:10	12.5	20.5	35.0	
12:20	13.0	20.5	35.0	
12:30	13.5	20.5	35.0	
12:40	14.0	20.5	35.0	
12:50	14.5	20.5	35.0	
13:00	15.0	20.5	35.0	
13:10	15.5	20.5	35.0	
13:20	16.0	20.5	35.0	
13:30	16.5	20.5	35.0	
13:40	17.0	20.5	35.0	
13:50	17.5	20.5	35.0	
14:00	18.0	20.5	35.0	
14:10	18.5	20.5	35.0	
14:20	19.0	20.5	35.0	
14:30	19.5	20.5	35.0	
14:40	20.0	20.5	35.0	
14:50	20.5	20.5	35.0	
15:00	21.0	20.5	35.0	
15:10	21.5	20.5	35.0	
15:20	22.0	20.5	35.0	
15:30	22.5	20.5	35.0	
15:40	23.0	20.5	35.0	
15:50	23.5	20.5	35.0	
16:00	24.0	20.5	35.0	
16:10	24.5	20.5	35.0	
16:20	25.0	20.5	35.0	
16:30	25.5	20.5	35.0	
16:40	26.0	20.5	35.0	
16:50	26.5	20.5	35.0	
17:00	27.0	20.5	35.0	
17:10	27.5	20.5	35.0	
17:20	28.0	20.5	35.0	
17:30	28.5	20.5	35.0	
17:40	29.0	20.5	35.0	
17:50	29.5	20.5	35.0	
18:00	30.0	20.5	35.0	
18:10	30.5	20.5	35.0	
18:20	31.0	20.5	35.0	
18:30	31.5	20.5	35.0	
18:40	32.0	20.5	35.0	
18:50	32.5	20.5	35.0	
19:00	33.0	20.5	35.0	
19:10	33.5	20.5	35.0	
19:20	34.0	20.5	35.0	
19:30	34.5	20.5	35.0	
19:40	35.0	20.5	35.0	
19:50	35.5	20.5	35.0	
20:00	36.0	20.5	35.0	
20:10	36.5	20.5	35.0	
20:20	37.0	20.5	35.0	
20:30	37.5	20.5	35.0	
20:40	38.0	20.5	35.0	
20:50	38.5	20.5	35.0	
21:00	39.0	20.5	35.0	
21:10	39.5	20.5	35.0	
21:20	40.0	20.5	35.0	
21:30	40.5	20.5	35.0	
21:40	41.0	20.5	35.0	
21:50	41.5	20.5	35.0	
22:00	42.0	20.5	35.0	
22:10	42.5	20.5	35.0	
22:20	43.0	20.5	35.0	
22:30	43.5	20.5	35.0	
22:40	44.0	20.5	35.0	
22:50	44.5	20.5	35.0	
23:00	45.0	20.5	35.0	
23:10	45.5	20.5	35.0	
23:20	46.0	20.5	35.0	
23:30	46.5	20.5	35.0	
23:40	47.0	20.5	35.0	
23:50	47.5	20.5	35.0	
24:00	48.0	20.5	35.0	

Remarks

Time	Remarks
08:00	Start of day
08:10	Deployment of instrument
08:20	First reading
08:30	Stabilization of instrument
08:40	Second reading
08:50	Third reading
09:00	Fourth reading
09:10	Fifth reading
09:20	Sixth reading
09:30	Seventh reading
09:40	Eighth reading
09:50	Ninth reading
10:00	Tenth reading
10:10	Eleventh reading
10:20	Twelfth reading
10:30	Thirteenth reading
10:40	Fourteenth reading
10:50	Fifteenth reading
11:00	Sixteenth reading
11:10	Seventeenth reading
11:20	Eighteenth reading
11:30	Nineteenth reading
11:40	Twentieth reading
11:50	Twenty-first reading
12:00	Twenty-second reading
12:10	Twenty-third reading
12:20	Twenty-fourth reading
12:30	Twenty-fifth reading
12:40	Twenty-sixth reading
12:50	Twenty-seventh reading
13:00	Twenty-eighth reading
13:10	Twenty-ninth reading
13:20	Thirtieth reading
13:30	Thirty-first reading
13:40	Thirty-second reading
13:50	Thirty-third reading
14:00	Thirty-fourth reading
14:10	Thirty-fifth reading
14:20	Thirty-sixth reading
14:30	Thirty-seventh reading
14:40	Thirty-eighth reading
14:50	Thirty-ninth reading
15:00	Fortieth reading
15:10	Forty-first reading
15:20	Forty-second reading
15:30	Forty-third reading
15:40	Forty-fourth reading
15:50	Forty-fifth reading
16:00	Forty-sixth reading
16:10	Forty-seventh reading
16:20	Forty-eighth reading
16:30	Forty-ninth reading
16:40	Fiftieth reading
16:50	Final reading
17:00	End of day



DIST #1

DIST #2

Notes

Signature

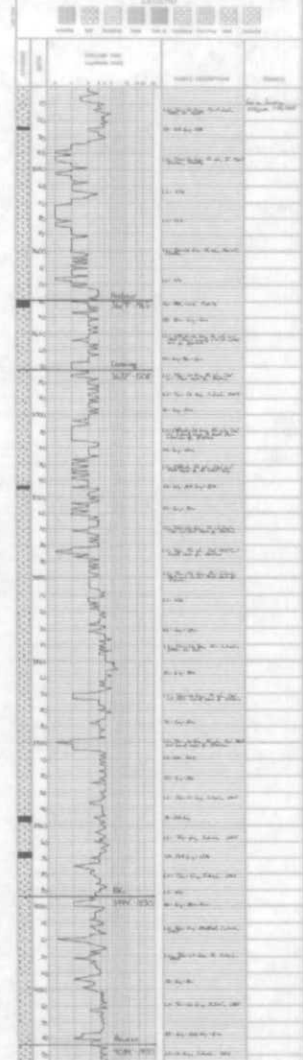
APPENDIX 10 - WELL LOG

Well Name:
 Location:
 Date:
 Well Type:
 Well Status:
 Well Depth:
 Well Diameter:
 Well Completion:
 Well Production:

Depth (ft)	Well Log
0 - 10	
10 - 20	
20 - 30	
30 - 40	
40 - 50	
50 - 60	
60 - 70	
70 - 80	
80 - 90	
90 - 100	
100 - 110	
110 - 120	
120 - 130	
130 - 140	
140 - 150	
150 - 160	
160 - 170	
170 - 180	
180 - 190	
190 - 200	
200 - 210	
210 - 220	
220 - 230	
230 - 240	
240 - 250	

WELL LOG - LOGGING DATA

Depth (ft)	Well Log
0 - 10	
10 - 20	
20 - 30	
30 - 40	
40 - 50	
50 - 60	
60 - 70	
70 - 80	
80 - 90	
90 - 100	
100 - 110	
110 - 120	
120 - 130	
130 - 140	
140 - 150	
150 - 160	
160 - 170	
170 - 180	
180 - 190	
190 - 200	
200 - 210	
210 - 220	
220 - 230	
230 - 240	
240 - 250	



DST #1

Well Name:
 Location:
 Date:
 Well Type:
 Well Status:
 Well Depth:
 Well Diameter:
 Well Completion:
 Well Production:

DST #2

Well Name:
 Location:
 Date:
 Well Type:
 Well Status:
 Well Depth:
 Well Diameter:
 Well Completion:
 Well Production: