



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1186185
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

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
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

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: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

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

- Confidentiality Requested
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____

1186185

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

CASING RECORD <input 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

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				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

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

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: <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 type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Carl-Betty 2-19
Doc ID	1186185

Tops

Name	Top	Datum
Anhydrite	1533	701
Heebner	3696	-1462
Lansing	3740	-1506
Base Kansas City	4022	-1788
Pawnee	4126	-1892
Fort Scott	4204	-1970
Cherokee	4220	-1986
Mississippian	4314	-2080
RTD	4329	-2095

ALLIED OIL & GAS SERVICES, LLC 061096

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT: East Bend

DATE <u>1-11-14</u>	SEC. <u>19</u>	TWP. <u>17</u>	RANGE <u>21</u>	CALLED OUT	ON LOCATION	JOB START <u>8:30 am</u>	JOB FINISH <u>9:00 am</u>
LEASE <u>Carl - Betty</u>		WELL # <u>2-19</u>		LOCATION <u>Brazos - DD 6A-1E-1N</u>		COUNTY <u>MISS</u>	STATE <u>TX</u>
OLD OR NEW (Circle one)				W/IN <u>11/12</u>			

CONTRACTOR <u>Discovery 3</u> TYPE OF JOB <u>Surface</u> HOLE SIZE <u>12 1/4</u> T.D. CASING SIZE <u>8 3/4</u> DEPTH <u>222</u> TUBING SIZE DEPTH DRILL PIPE <u>1 1/2</u> DEPTH TOOL DEPTH PRES. MAX MINIMUM MEAS. LINE SHOE JOINT CEMENT LEFT IN CSG. <u>15 ft</u> PERFS. DISPLACEMENT <u>13.18 bbl</u> 13.18 bbl <u>Fracturing</u> EQUIPMENT PUMP TRUCK CEMENTER <u>Don Casper</u> # <u>366</u> HELPER <u>Ben</u> BULK TRUCK # <u>871-112</u> DRIVER <u>Don Casper</u> BULK TRUCK # _____ DRIVER	OWNER CEMENT AMOUNT ORDERED <u>150 sacks class A 3400</u> <u>216 gal</u> COMMON @ _____ POZMIX @ _____ GEL @ _____ CHLORIDE @ _____ ASC @ _____ @ _____ @ _____ @ _____ @ _____ @ _____ @ _____ @ _____ @ _____ HANDLING @ _____ MILEAGE @ _____ _____ TOTAL _____
---	--

REMARKS:
On location rig up - had drilling meeting
Ran 8 3/4 casing - break circulation w/ 2 1/2 gal
pump 5 bbl Fracturing
Spud 150 sacks class A 3 1/2 cc 2 1/2 gal
Displace 13.18 bbl Fracturing
Shut in 8:40 pm
Cement did circulation
Rig down

CHARGE TO: American Warrior
 STREET _____
 CITY _____ STATE _____ ZIP _____

To: Allied Oil & Gas Services, 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 X GAVEN GASCHEK
 SIGNATURE X Gaven Gaschek
Thank you

SERVICE

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

PLUG & FLOAT EQUIPMENT

@ _____
 @ _____
 @ _____
 @ _____
 @ _____
TOTAL _____

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

Date 1-11-14 District Great Bend Ticket No. 61096
 Company American Well Rig Diary 3
 Lease Curt-Beard Well No. 2-19
 County Wes State KY
 Location Beard Road NW, E Field 19 12 21
1st, W-Misc

CEMENT DATA
 Spacer Type: Explosive
 Amt. 5.44 Sk Yield _____ ft³/sk Density _____ PPG

CASING DATA: Conductor IPTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 8 5/8 Type new Weight 234 Collar SR1

LEAD: Pump Time Thicker Time hrs. Type Class A Shell
 Amt. 150 Sk Yield 1.34 ft³/sk Density 15.2 PPG
 TAIL: Pump Time _____ hrs. Type _____

Casing Depth: Top _____ Bottom 227

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

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size _____ T.D. _____ ft. P.B. to _____ ft.

Pump Trucks Used 366 - Bear Model
 Bulk Equip. 571 - 112 - Don Cooper

CAPACITY FACTORS:

Casing: Bbls/Lin. ft. 1.0631 Lin. ft./Bbl. 1.170
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

Float Equip: Manufacturer _____
 Shoe: Type _____ Depth _____
 Float Type _____ Depth _____
 Centralizers: Quantity _____ Plug-Top _____ Bbls
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type F. 1.2417 Amt. _____ Bbls. Weight _____ PPG
 Mud Type Water Weight _____ PPG

COMPANY REPRESENTATIVE _____

CEMENTER Don Cooper

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
						On location - Rig up
						Had safety meeting
						Ran 8 5/8 casing
						Small production at 2100'
						200' 5 BBL cement
			21.74	35.74	5	mix 150 skt class A shell
			53.97	15.18	5	Displace 13.13 BBL + 1.44 gal
8:10pm						shut in
						Remain did circulate
						Rig down



TICKET 25808

CHARGE TO: Amesbury Waiver Tax
 ADDRESS: _____
 CITY, STATE, ZIP CODE: _____

PAGE 1 OF 1

SERVICE LOCATIONS
 1. NESS CITY, KS
 2. _____
 3. _____
 4. _____

WELL PROJECT NO. 2-19
 LEASE CARL - BETTY
 COUNTY/PARISH NESS
 STATE KS
 TICKET TYPE SERVICE SALES
 CONTRACTOR DISCOVERY DRILL # 3
 RIG NAME/NO. _____
 SHIPPED VIA CT
 DELIVERED TO LOCATED
 WELL TYPE Oil
 WELL CATEGORY _____
 JOB PURPOSE PTA
 WELL LOCATION BRIDGE KS - 62, 1E, 12, W-N

INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING		DESCRIPTION	CITY	U/M	QTY	U/M	UNIT PRICE	AMOUNT
		LOC	ACCT							
575		1							6.00	150.00
576P		1		MILEAGE # 114					1000.00	1000.00
410		1		PUMP GUAGE - PTA					140.00	140.00
				TOP RIG			8 5/8"			
328-4		1		60/40 PUMPER (190661)					42.00	3000.00
276		1		FLOCELE					2.50	187.50
290		1		D-ADR					42.00	168.00
581		1		SERVICE CHARGE CEMENT					2.00	5000.00
583		1		DAMAGE			263.13 TM		1.00	263.13

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 Dolan Gamber
 DATE SIGNED 1-16-14 TIME SIGNED 1700 5:00 P.M.

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

SURVEY
 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?
 YES NO

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?
 YES NO

PAGE TOTAL 5408.63

TAX

TOTAL

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES

APPROVAL

SWIFT OPERATOR Wade Wilson

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 1-16-14 PAGE NO. 7

CUSTOMER AMERICAN WARRIOR INC WELL NO. 2-19 LEASE CARL - BETTY JOB TYPE PTA TICKET NO. 25808

CHART NO.	TIME	RATE (BPM)	VOLUME (BB) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1700							ON LOCATION
								8 5/8" = 222'
								TD = 4329
	1720		13					1 ST PLUG = 1560' 50 SKS CMT
	1800		21					2 ND PLUG = 740' 80 SKS CMT
	1820		13					3 RD PLUG = 250' 50 SKS CMT
	1930		5 1/4					4 TH PLUG = 60' 20 SKS CMT
	1940		8					5 TH PLUG - RATTLE 30 SKS CMT
	1945		5 1/4					6 TH PLUG - MOUSEHOLE 20 SKS CMT
								WASH TRUCK
	2030							JOB COMPLETE
								THANK YOU WAYNE, BUENE, ROB

Geological Report

American Warrior, Inc.

Carl-Betty #2-19

1475' FSL & 2000' FEL

Sec. 19 T17s R21w

Ness County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
Carl-Betty #2-19
1475' FSL & 2000' FEL
Sec. 19 T17s R21w
Ness County, Kansas
API # 15-135-25716-0000

Drilling Contractor: Discovery Drilling Co. Inc. Rig #3

Geologist: Jason T Alm

Spud Date: January 11, 2014

Completion Date: January 16, 2014

Elevation: 2226' Ground Level
2234' Kelly Bushing

Directions: Bazine KS, East ½ mi. to EE Rd. North 7 mi. to 200 Rd. West and North into location.

Casing: 223' 8 5/8" surface casing

Samples: 10' wet and dry, 3950' to RTD

Drilling Time: 3600' to RTD

Electric Logs: None

Drillstem Tests: None

Problems: None

Remarks: No Drill Stem Tests were run due to lack of oil shows.

Formation Tops

	American Warrior, Inc. Carl-Betty #2-19 Sec. 19 T17s R21w 1475' FSL & 2000' FEL
Formation	
Anhydrite	1533', +701
Base	1566', +668
Heebner	3696', -1462
Lansing	3740', -1506
BKc	4022', -1788
Pawnee	4126', -1892
Fort Scott	4204', -1970
Cherokee	4220', -1986
Mississippian	4314', -2080
Osage	4321', -2087
RTD	4329', -2095

Sample Zone Descriptions

Mississippian Osage (4321', -2087): Not Tested

Dolo – Δ – Fine sucrosic crystalline with scattered fair inter-crystalline and vuggy porosity, very heavy slightly triptolic chert, weathered with fair to good vuggy porosity, scattered tarry oil stain, no show of free oil, mostly barren, no odor, no fluorescents.

Structural Comparison

	American Warrior, Inc. Carl-Betty #2-19 Sec. 19 T17s R21w 1475' FSL & 2000' FEL	D N B Drilling Stieben #1 Sec. 19 T17s R21w C SW SE		American Warrior, Inc. Elmer's #1-19 Sec. 19 T17s R21w 550' FNL & 1920' FEL	
Formation					
Anhydrite	1533', +701	1526', +699	(+2)	1572', +701	FL
Base	1566', +668	NA	NA	1607', +666	(+2)
Heebner	3696', -1462	3691', -1466	(+4)	3735', -1462	FL
Lansing	3740', -1506	3739', -1514	(+8)	3779', -1506	FL
BKc	4022', -1788	NA	NA	4051', -1778	(-10)
Pawnee	4126', -1892	NA	NA	4155', -1882	(-10)
Fort Scott	4204', -1970	4199', -1974	(+4)	4233', -1960	(-10)
Cherokee	4220', -1986	4217', -1992	(+6)	4247', -1974	(-14)
Mississippian	4314', -2080	4308', -2083	(+3)	4322', -2049	(-31)
Osage	4321', -2087	4315', -2090	(+3)	4338', -2065	(-22)

Summary

The location for the Carl-Betty #2-19 was found via 3-D seismic survey. The new well ran structurally as expected on all datums except for the Mississippian. No Drill Stem Tests were conducted due to lack of oil shows throughout the well. After all gathered data had been examined the decision was made to plug and abandon the Carl-Betty #2-19 well.

Respectfully Submitted,

Jason T Alm
Hard Rock Consulting, Inc.



Geologic Report

Drilling Time and Sample Log

Operator **American Warrior, Inc.**

Lease **Carl-Betty** No. **2-19**

API # **15-135-25716-0000**

Field **Schoolhouse North SE**

Location **1475' FSL & 2000' FEL**

Sec. **19** Twp. **17s** Rge. **21w**

County **Ness** State **Kansas**

Elevation KB 2234'

DF 2226'

GL

Casing Record Surface 8 5/8" @ 223'

Production None

Electrical Surveys None

None

Summary and Recommendations
The location for the Carl-Betty #2-19 was found via 3-D seismic survey. The new well ran structurally as expected via the survey on all datums except for the Mississippian. No drill stem tests were run due to lack of shows. After all gathered data had been examined the decision was made to plug and abandon the Carl-Betty #2-19 well.

Respectfully Submitted,

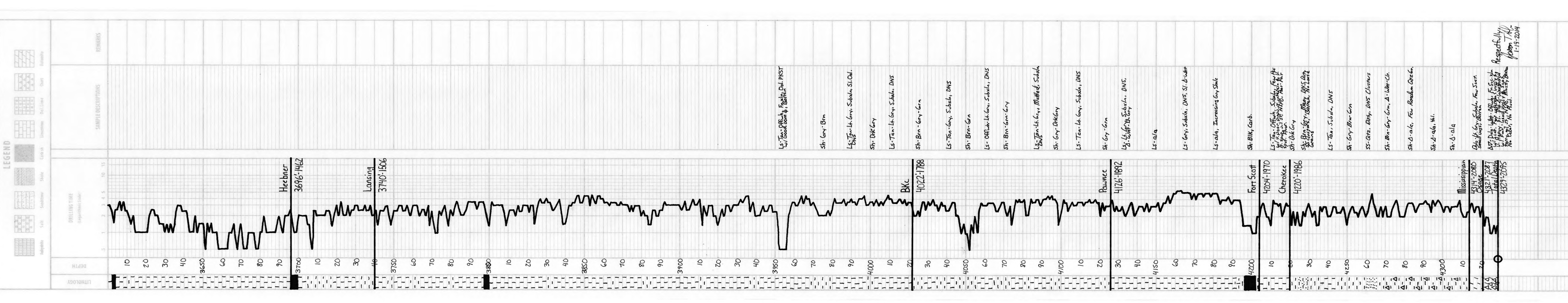
Jason T Alm
Hard Rock Consulting, Inc.

Reference Well For Structural Comparison DNB Drilling Stieben #1
C SW SE Sec. 19 T17s R21w Ness Co. Kansas

Drilling Contractor **Discovery Drilling Co. Inc.** Rig #3
 Commenced **1-11-2014** Completed **1-16-2014**
 Samples Saved From **3950'** To **RTD**
 Drilling Time Kept From **3600'** To **RTD**
 Samples Examined From **3950'** To **RTD**
 Geological Supervision From **3950'** To **RTD**

Displacement **3500'** Mud Type **Chemical**

Formation	Log Tops	Sample Tops	Struct Comp
Anhydrite		1533' +701	+2
Base		1566' +668	
Heebner		3696' -1462	+4
Lansing		3740' -1506	+8
BKc		4022' -1788	
Pawnee		4126' -1892	
Fort Scott		4204' -1970	+4
Cherokee		4220' -1986	+6
Mississippian		4314' -2080	+3
Osage		4321' -2087	+3
Total Depth		4329' -2095	



Respectfully,
Jason T Alm
1-19-2014