



**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
- Conv. to GSW
- Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date      Date Reached TD      Completion Date or Recompletion Date

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

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total 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**

- Letter of Confidentiality Received  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



1053596

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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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
_____ 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 <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
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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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Thompson-Schadel Unit 1
Doc ID	1053596

Tops

Name	Top	Datum
Anhydrite	1472	800
Heebner	3768	-1496
Lansing	3815	-1543
BKC	4146	-1874
Pawnee	4271	-1999
Ft. Scott	4296	-2024
Cherokee	4310	-2038
Mississippian	4374	-2102
TD	4395	-2123



Services, Inc.

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

TICKET 18803

PAGE 1 OF 1

SERVICE LOCATIONS  
 1. NESS CITY, KS  
 2.  
 3.  
 4. REFERRAL LOCATION

WELL/PROJECT NO. UNIT #1  
 CONTRACTOR HD OILFIELD SERV.  
 WELLS TYPE OIL  
 LEASE THOMPSON-SWARD  
 COUNTY/RANKIN  
 RIG NAME NO. RUSH  
 STATE KS  
 CITY ALEXANDER, KS.  
 DATE 205/14/16  
 OWNER

TICKET TYPE  
 SERVICE  
 SALES  
 WELL CATEGORY DEVELOPMENT  
 JOB PURPOSE CEMENT PORT COLLAR  
 SHIPPED TO DELIVERED TO LOCATION  
 WELL PERMIT NO.  
 WELL LOCATION 75,130W/51W E210

INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575					MILEAGE \$ 110	30	MIL			5.10	1530
576D					PUMP CHARGE	1	TSB			1100	1100
105					PORT COLLAR BOX RESINA	1	TSB			300	300
290					D-AIR	1	94L			35	35
276					FLOSOLE	25	lbs			1.50	37.50
330					SWIFT MULTI DENSITY STANDARD	100	SKS			15	1500
581					SERVICE CHARGE CEMENT	175	SKS			1.50	262.50
583					DRAPAGE	17384	lbs	260.76	TM	1.00	260.76

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 Scott

DATE SIGNED 205/14/16 TIME SIGNED 1230  AM  PM

SWIFT OPERATOR [Signature]

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES [Signature]

APPROVAL

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

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	AGREE	UN-DECIDED	DIS-AGREE
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			

PAGE TOTAL 3645.76

TOTAL 3763.73

RUSH TAX 6.3% 117.97

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 20 July 10 PAGE NO. 1

CUSTOMER AMERICAN WARRIOR WELL NO. UNIT #1 LEASE THOMPSON-SCHADEL JOB TYPE CEMENT PORT COLLAR TICKET NO. 18803

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1420							ON LOCATION
								PORT COLLAR @ 1433
								TALLEY TUBING IN
	1555						1500	PRESSURE UP ANNULUS - HELD
	1600	3					200	OPEN PORT COLLAR - TAKE I.S. RATE
	1605	3 1/2	55				300	MIX CEMENT @ 11.2 ppb
								100 SKS - 20 SKS TO PIT
	1622	2	4 1/2				400	DISPLACE CEMENT
	1625						1500	CLOSE PORT COLLAR - PRESSURE UP HELD
								RUN 4/STS.
	1641	3	18				300	REVERSE CLEAN
	1650							WASH TRUCK
	1715							JOB COMPLETE
								THANKS # 110
								JASON, JEFF, JOHN



CHARGE TO: American Alternative Inc  
 ADDRESS  
 CITY, STATE, ZIP CODE

TICKET  
**18710**

PAGE 1 OF 2

SERVICE LOCATIONS  
 1. Alex City KS WELL/PROJECT NO. Unit #1 LEASE Thompson School COUNTY/PARISH Rush STATE KS CITY Ness City DATE 7-6-10 OWNER  
 2. Petro-Mark A/B/C RIG NAME/NO. 1 SHIPPED VIA Alexander DELIVERED TO Alexander ORDER NO.  
 3. Oil WELL TYPE Development WELL CATEGORY Scout 5 1/2" casing JOB PURPOSE Development WELL PERMIT NO. Alexander 75, Williams WELL LOCATION  
 4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	LOC	ACCT	DF	DESCRIPTION	ACCOUNTING			UNIT PRICE	AMOUNT
						QTY.	UM	QTY.		
575					MILEAGE TRK # 114					
578					Pump Change Longstring					
221					Liquid KIL					
281					Mud Flush					
402					Centralizer					
403					Cement Bucket					
404					Part Collar					
406					Latex Down Plug + Baffle					
407					Insert Flast Shear/Airfill					
419					Rotating Head Rental					

**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  
 DATE SIGNED 7-6-10 TIME SIGNED 1:00 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?	AGREE	UN-DECIDED	DIS-AGREE
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			

PAGE # 2 TOTAL 5325.00

SWIFT OPERATOR Pet H. Carter APPROVAL  
 CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES  
 Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 7-6-10 PAGE NO.

CUSTOMER American Warrior WELL NO. Unit 1 LEASE Thompson School JOB TYPE Cement 5 1/2" Casing TICKET NO. 18710

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	18:30							On Location 5 1/2 15.5# Cont. 1, 2, 3, 4, 69 TD-4398' Bc-hct 5, 70 TR-4399' PC# 70 1433' RS-4397 ST-42'
	19:05							Start 5 1/2" Casing
	21:15							Break Circulation
	22:10	6 3/4	32	✓			200	Pump Mud Flash + KCL Flush
	22:15	3	7	✓				Plug Ret Hole 30cks
	22:20	4 1/2		✓			200	Start Cement 1455kts @ 15.5ppg
			35					- Shut Down Release Plug - Wash Pump
	22:30	6 3/4		✓			200	Start Displacement
		6 3/4	81	✓			300 800	Lift Cement Max Lift
	22:45		103.6				1500	Land Plug - Release - Hold
								Wash Truck
	23:15							Job Complete Thank you Bobby, Dave + Rob



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

TICKET CONTINUATION

TICKET No. 18710

CUSTOMER: American Merrier Inc  
WELL: Harrison School  
DATE: 7-6-10  
PAGE: 2 OF 2

Line No.	Description	Weight (Lbs)	Volume (Cu Ft)	Miles	Rate	Total
325	Standard Cement	1755 lbs	175	150	12.00	2100.00
276	Flocc	45 lbs	1	150	1.50	67.50
283	Salt	900 lbs	1	150	0.15	135.00
284	Ca/Sol	8 lbs	1	150	30.00	240.00
290	D-Air	29.1	1	150	35.00	700.00
292	Hand 322	125 lbs	1	150	7.00	875.00
581						262.50
583						279.80
TOTAL WEIGHT						4024.80
TOTAL WEIGHT						4024.80
LOADED MILES						4024.80
CUBIC FEET						4024.80
TON MILES						4024.80

4024.80



# ALLIEL CEMENTING CO., LLC. 036713

Federal Tax I.D.# 20-5975804

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

SERVICE POINT: Great Bend, KS

DATE <u>6-30-10</u>	SEC. <u>31</u>	TWP. <u>19S</u>	RANGE <u>20W</u>	CALLED OUT	ON LOCATION	JOB START <u>8:15 PM</u>	JOB FINISH <u>8:45 PM</u>
LEASE <u>Thompson</u> <u>Schadel</u>		WELL# <u>1</u>	LOCATION <u>Alexander 7 South</u>		COUNTY <u>Ness</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)			<u>West South into</u>				

CONTRACTOR Petromin-U R/S 1 OWNER American well

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 224

CASING SIZE 8 3/4 DEPTH

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15

PERFS.

DISPLACEMENT BBLS

CEMENT

AMOUNT ORDERED 160 SX CLASS A  
3 9/16" 296 Gel

COMMON \_\_\_\_\_ @ \_\_\_\_\_

POZMIX \_\_\_\_\_ @ \_\_\_\_\_

GEL \_\_\_\_\_ @ \_\_\_\_\_

CHLORIDE \_\_\_\_\_ @ \_\_\_\_\_

ASC \_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

HANDLING \_\_\_\_\_ @ \_\_\_\_\_

MILEAGE \_\_\_\_\_ @ \_\_\_\_\_

**EQUIPMENT**

PUMP TRUCK CEMENTER Wayne-D

# 181 HELPER Alvin-R

BULK TRUCK

# 456 DRIVER Bob-R

BULK TRUCK

# DRIVER

**REMARKS:**

Pipe on Bottom circulate  
with Rig mud shut down  
Hook up To cement line  
Mix 160SX CLASS A 3 9/16" 296 Gel  
Disp BBLS fresh water  
Cement did circulate  
shut in wash up Rig Down

TOTAL \_\_\_\_\_

**SERVICE**

DEPTH OF JOB \_\_\_\_\_

PUMP TRUCK CHARGE \_\_\_\_\_

EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_

MILEAGE \_\_\_\_\_ @ \_\_\_\_\_

MANIFOLD \_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL \_\_\_\_\_

CHARGE TO: American well

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**PLUG & FLOAT EQUIPMENT**

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL \_\_\_\_\_

SALES TAX (If Any) \_\_\_\_\_

TOTAL CHARGES \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

PRINTED NAME \_\_\_\_\_

SIGNATURE \_\_\_\_\_

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.



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

American Warrior Inc  
 PO Box 399  
 Garden City, KS. 67846  
 ATTN: Jason Alm

**Thompson-Schadel Unit #1**

**31-19s-20w-**

Job Ticket: 38731 **DST#: 1**

Test Start: 2010.07.05 @ 21:11:43

## GENERAL INFORMATION:

Formation: **Mississippi**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 23:40:43  
 Time Test Ended: 04:52:28  
 Interval: **4378.00 ft (KB) To 4392.00 ft (KB) (TVD)**  
 Total Depth: 4392.00 ft (KB) (TVD)  
 Hole Diameter: 7.80 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole  
 Tester: Jason McLemore  
 Unit No: 32  
 Reference Elevations: 2272.00 ft (KB)  
 2266.00 ft (CF)  
 KB to GR/CF: 6.00 ft

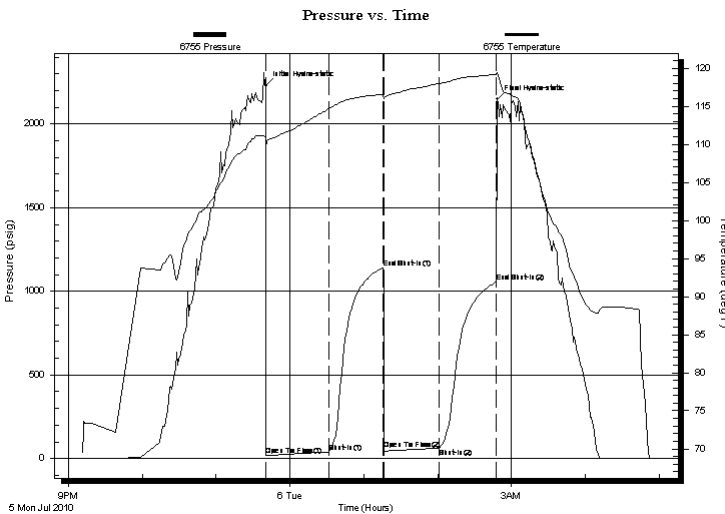
## Serial #: 6755

Inside

Press @ Run Depth: 59.80 psig @ 4380.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2010.07.05 End Date: 2010.07.06 Last Calib.: 2010.07.06  
 Start Time: 21:11:45 End Time: 04:52:28 Time On Btm: 2010.07.05 @ 23:40:28  
 Time Off Btm: 2010.07.06 @ 02:48:13

TEST COMMENT: IFP-Weak Blow ,BUILT to 3"  
 ISI-Dead  
 FFP-Weak Blow ,BUILT to 1-1/2"  
 FSI-Dead

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2228.02	111.04	Initial Hydro-static
1	18.94	109.59	Open To Flow (1)
52	39.86	114.69	Shut-In(1)
96	1142.06	116.57	End Shut-In(1)
96	53.66	115.96	Open To Flow (2)
141	59.80	117.95	Shut-In(2)
187	1054.77	119.14	End Shut-In(2)
188	2148.73	119.43	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
30.00	OCM-20%O-80%M	0.15
95.00	Clean Oil	0.50

## Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

American Warrior Inc  
PO Box 399  
Garden City, KS. 67846  
ATTN: Jason Alm

**Thompson-Schadel Unit #1**  
**31-19s-20w-**  
Job Ticket: 38731      **DST#: 1**  
Test Start: 2010.07.05 @ 21:11:43

## Mud and Cushion Information

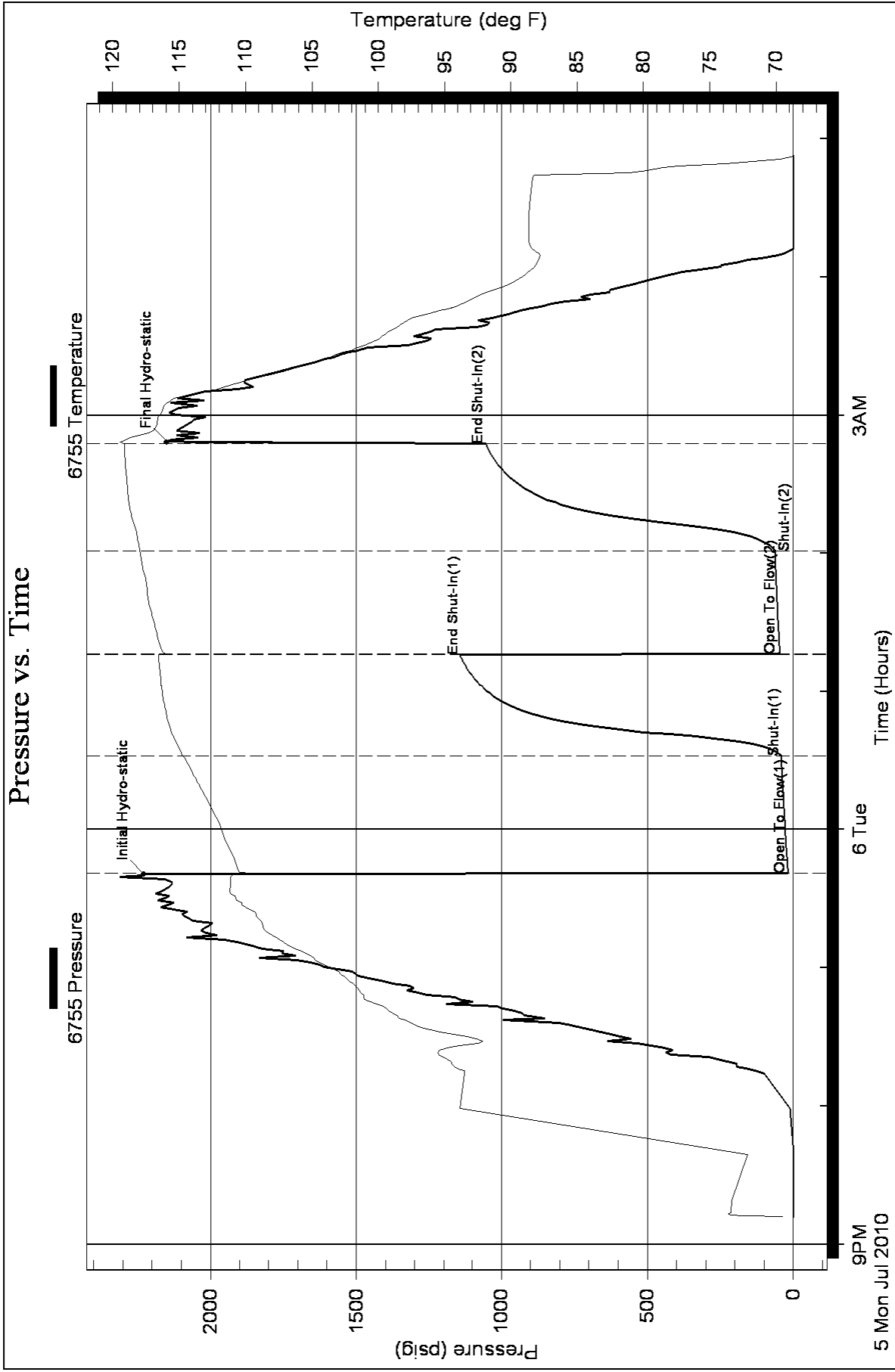
Mud Type: Gel Chem	Cushion Type:	Oil API: 37 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl	
Water Loss: 9.19 in <sup>3</sup>	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 3200.00 ppm		
Filter Cake: inches		

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	OCM-20%O-80%M	0.148
95.00	Clean Oil	0.504

Total Length: 125.00 ft      Total Volume: 0.652 bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments:



# **Geological Report**

American Warrior, Inc.  
**Thompson-Schadel Unit #1**  
2556' FNL & 2050' FWL  
Sec. 31 T19s R20w  
Rush County, Kansas



**American Warrior, Inc.**

## General Data

Well Data: American Warrior, Inc.  
Thompson-Schadel Unit #1  
2556' FNL & 2050' FWL  
Sec. 31 T19s R20w  
Rush County, Kansas  
API # 15-165-21858-0000

Drilling Contractor: Petromark Drilling, LLc. Rig #1

Geologist: Jason Alm

Spud Date: June 30, 2010

Completion Date: July 6, 2010

Elevation: 2266' Ground Level  
2272' Kelly Bushing

Directions: Alexander KS, 7 mi. South, 1 ½ mi. West on X  
Ave. South into location.

Casing: 224' 8 5/8" surface casing  
4394' 5 1/2" production casing

Samples: 10' wet and dry, 3600' to RTD

Drilling Time: 3600' to RTD

Electric Logs: Log Tech, Inc. "Brett Becker"  
CNL/CDL, DIL

Drillstem Tests: One, Trilobite Testing, Inc. "Jason McLemore"

Problems: None

Remarks: None

## Formation Tops

<b>Formation</b>	<b>American Warrior, Inc. Thompson-Schadel Unit #1 Sec. 31 T19s R20w 2556' FNL &amp; 2050' FWL</b>
Anhydrite	<b>1472', +800</b>
Base	<b>1502', +770</b>
Heebner	<b>3768', -1496</b>
Lansing	<b>3815', -1543</b>
BKc	<b>4146', -1874</b>
Pawnee	<b>4271', -1999</b>
Fort Scott	<b>4296', -2024</b>
Cherokee	<b>4310', -2038</b>
Mississippian	<b>4374', -2102</b>
LTD	<b>4395', -2123</b>
RTD	<b>4398', -2126</b>

## Sample Zone Descriptions

**Mississippian Osage (4374', -2102):            Covered in DST #1**

Dolo – Δ – Fine sucrosic crystalline with fair vuggy porosity, heavy chert, triptolitic, weathered with good vuggy porosity, light to good oil stain and saturation, show of free oil, light to fair odor, fair yellow cut fluorescents, 15 units hotwire.

**Drill Stem Tests**  
Trilobite Testing, Inc.  
"Jason McLemore"

**DST #1**

**Mississippian Osage**

Interval (4378' – 4392') Anchor Length 14'

IHP	– 2228 #	
IFP	– 45" – Built to 3 in.	18-40 #
ISI	– 45" – Dead	1142 #
FFP	– 45" – Built to 1.5 in.	53-60 #
FSI	– 45" – Dead	1055 #
FHP	– 2149 #	
BHT	– 119°F	

Recovery:      95' Clean Oil  
                    30' OCM      20% Oil

**Structural Comparison**

	American Warrior, Inc. Thompson-Schadel Unit #1 Sec. 31 T19s R20w 2556' FNL & 2050' FWL	Pubco Petroleum Young #31-6 Sec. 31 T19s R20w 2310' FNL & 2160' FWL	Parrish Oil CO. Schadel #1 Sec. 31 T19s R20w 2310' FSL & 2130' FWL	
<b>Formation</b>				
Anhydrite	<b>1472', +800</b>	NA	1466', +800	<b>FL</b>
Base	<b>1502', +770</b>	NA	1496', +770	<b>FL</b>
Heebner	<b>3768', -1496</b>	3774', -1497	3756', -1490	<b>(-6)</b>
Lansing	<b>3815', -1543</b>	3822', -1545	3806', -1540	<b>(-3)</b>
BKc	<b>4146', -1874</b>	NA	NA	<b>NA</b>
Pawnee	<b>4271', -1999</b>	NA	NA	<b>NA</b>
Fort Scott	<b>4296', -2024</b>	4304', -2027	4294', -2028	<b>(+4)</b>
Cherokee	<b>4310', -2038</b>	4318', -2041	NA	<b>NA</b>
Mississippian	<b>4374', -2102</b>	4380', -2103	4364', -2098	<b>(-4)</b>



## **Summary**

The location for the Thompson-Schadel Unit #1 was found via 3-D seismic survey. The new well ran structurally as expected via the survey. One drill stem test was conducted 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 ½ inch production casing to further evaluate Thompson-Schadel Unit #1 well.

## **Recommended Perforations**

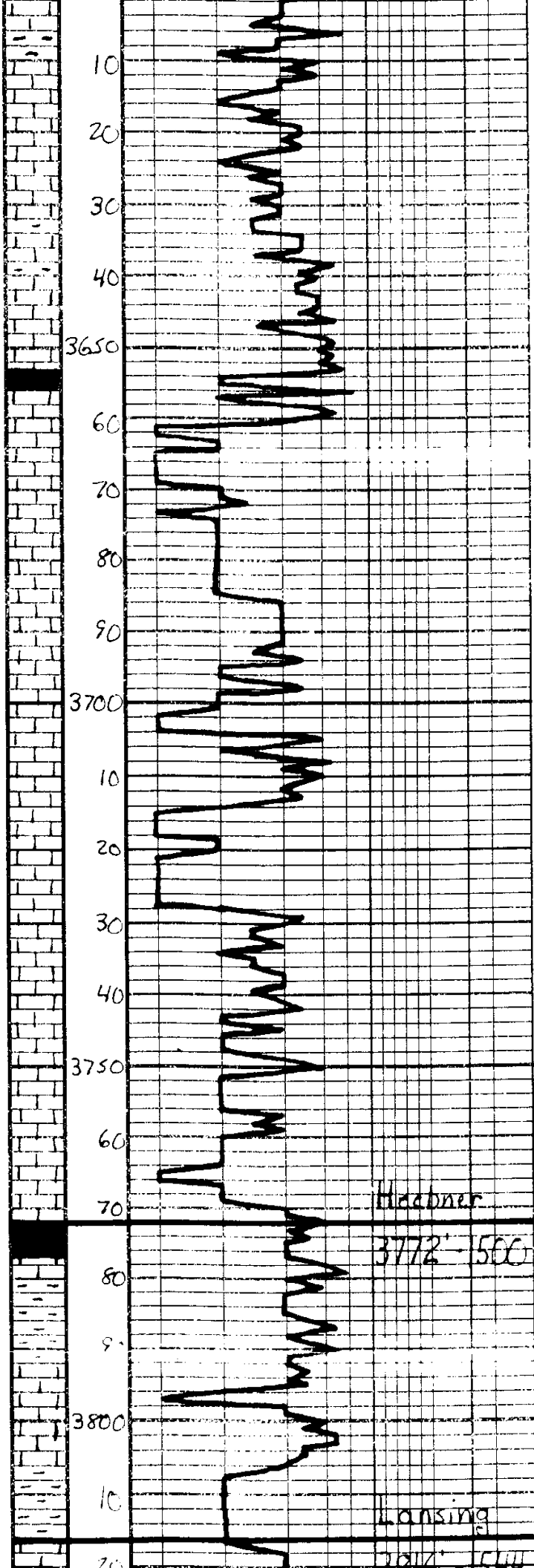
<b>Mississippian Osage:</b>	<b>(4374' – 4390')</b>	<b>DST #1</b>
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Respectfully Submitted,

Jason Alm  
Hard Rock Consulting, Inc.







Ls. Tan. Gy. Mottled, Sub  
 ala. DNS Geo on location  
1:00p.m. 7-4-2010

Ls. Tan. Gy. Mottled, Fa.  
 Subala

Ls. Tan. Gy. Mottled, Subala  
 DNS

Ls. Tan. Lt. Gy. Sl. Mottled  
 ala. DNS

Ls. ala

Ls. ala

Ls. Tan. Lt. Gy. Subala  
 Mottled, DNS

Ls. Tan. Lt. Gy. Fa. ala, Fossil  
 Chalk

Ls. ala

Ls. ala

Ls. ala

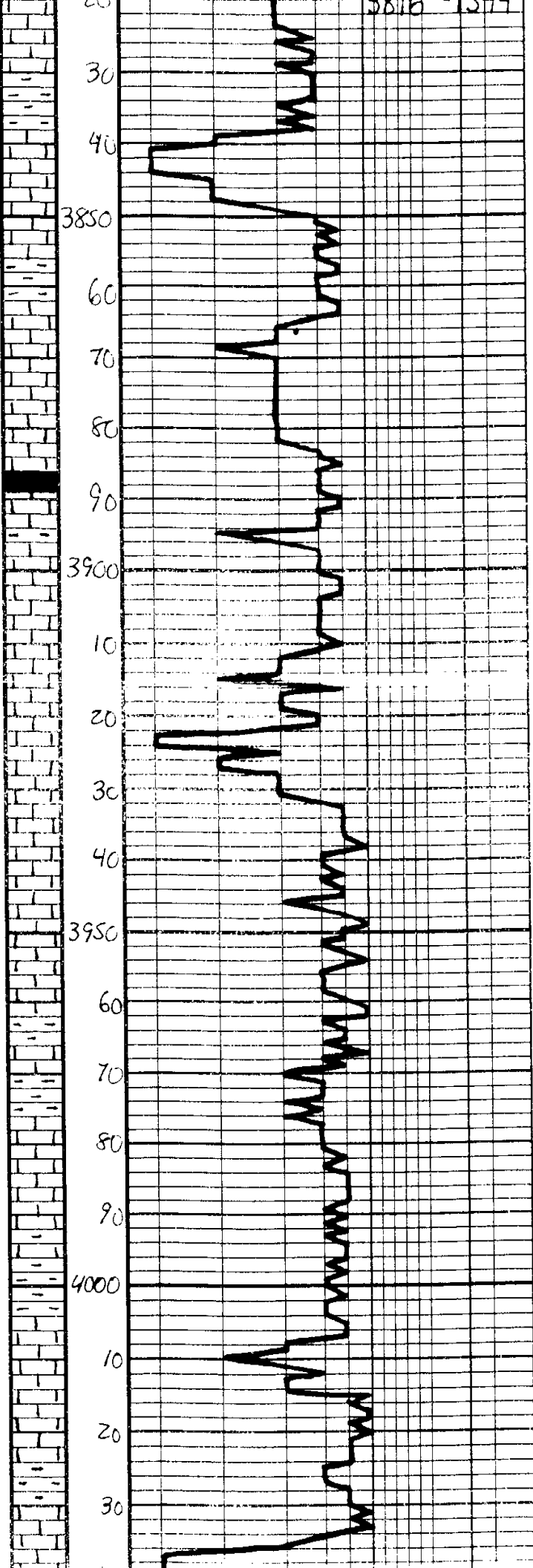
Sh. Blk. Carb.

Sh. Gy. Ben. Gen

Ls. Offwh. Lt. Gy. Fa. ala  
 ala. Fossil, Fossil, Fossil  
 Fossil, Ben.

Sh. Gy. Bla. Gen

2010 - 1377



Ls. Tan. Lt. Gray, Fx. lay  
St. Fossiliferous Muddy, DNS

Sh. Gray - Ben

Ls. Offwh. Lt. Gray, Fx. lay  
Fossiliferous, DNS  
dom. of Barron

Sh. Gray - Ben

Ls. Offwh. Lt. Gray, Fx. lay  
Fossiliferous, DNS  
dom. of Barron, A. Whit. Lt. Gray

Ls. ala

Sh. Drk Gray - BK

Sh. Gray - Ben

Ls. Tan. Gray, Substr. DNS

Ls. Tan. Gray, Fx. lay  
Fossiliferous, DNS  
dom. of Barron

Ls. ala, Gavel. vol. of

Ls. Tan. Lt. Gray, Substr. DNS

Ls. ala

Sh. Gray - Ben - Drk Gray

Sh. Gray - Ben

Ls. Tan. Lt. Gray, Substr. DNS

Sh. Gray - Ben

Mud  
Vis. 46  
Wt. 9.2

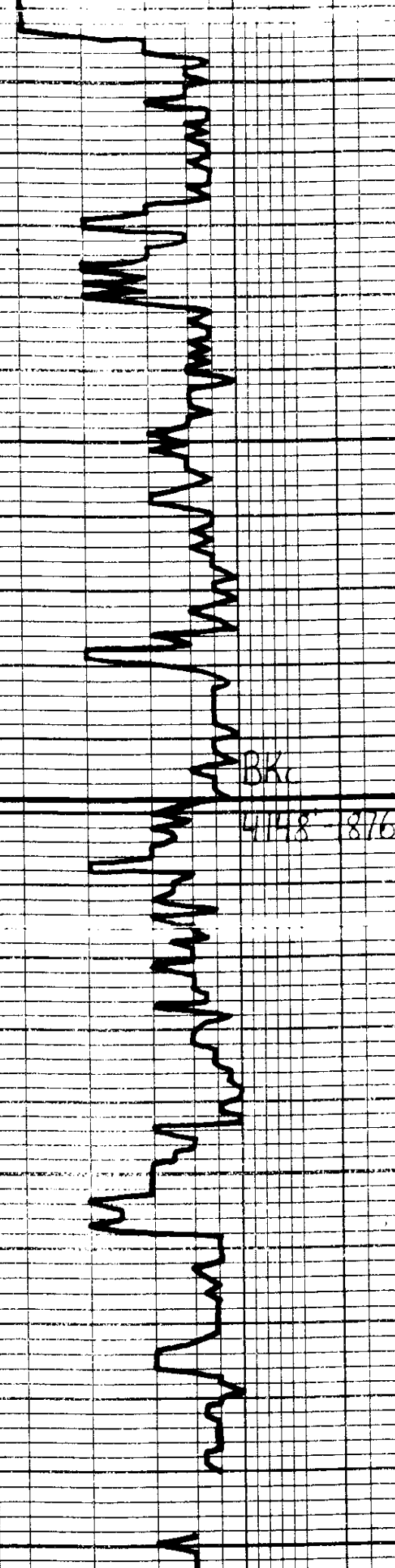
Ls. Tan. Lt. Gray, Fx. lay, Fossil  
dom. of Barron

Ls. sls - DNS

Sh. Gray - Ben

Ls. Tan. Lt. Gray, Fx. lay, Fossil

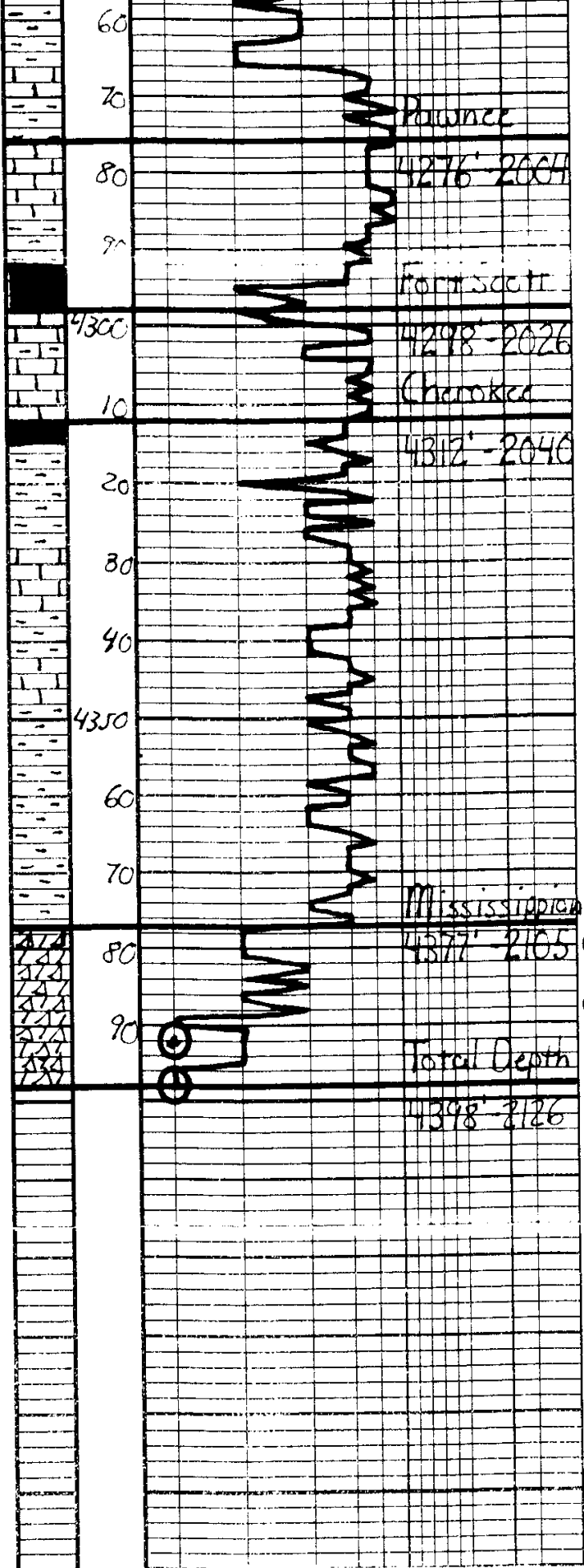
4050  
60  
70  
80  
90  
4100  
10  
20  
30  
40  
4150  
60  
70  
80  
90  
4200  
10  
20  
30  
40  
4250



LS: Tan-lt grey, Subxla DNS  
Sh. grey - Bea  
LS: Tan-lt grey, Subxla, floor area of, Basin  
Sh - Blk  
LS: Tan-lt grey, Pa-Subxla, floor area of, Basin  
Sh - Blk - Dk grey  
Sh - grey - Bea  
LS: Tan - grey - Subxla, DNS  
LS - blk  
Sh - grey - Bea - Gra - Red  
Sh - blk  
LS - Tan - grey, Subxla, DNS  
Sh - Dk grey  
Sh - grey - Bea - Red  
LS - Tan - lt grey, Sl. Basal cut, DNS  
LS - blk, Subxla, Sl. at - Whit  
LS - blk  
Sh - Blk grey

BKc  
4148' 1876

Brakes list  
4240' - 4249'



Sh - Gray - Gaa	
LS - Tan - Lt. Gray, Substrata, DNS	
Sh - Brk, Carb.	
LS - Tan - Lt. Gray, Substrata, DNS, Sh. Fossil	
LS - sla	
Sh - Dk Gray	
Sh - Gray - Gaa, Foss. Dirty Core, Clastic - Gaa, Staurolite	
LS - Tan - Gray, Substrata, Sh. Fossil, DNS	
LS - sla, Mottled	
Sh - Gray - Ben - Gaa, Sh. J. Vel.	<b>DST#1</b> Mississippian 4378' - 4392' 45" : 45" : 45" : 45"
Sh - sla, J. Lght - Vel.	
Dals - Sh - Tan - Lt. Gray, Foss. Sh. in Fair vuggy, Sh. Heavy Thin Weathered but Good, Vuggy, Lt. Good oil st. - set, Sh. Lt. Fair Calc. but not Fluor.	IH 2028# IF 18.40# Built to 3 in. ISI 1142# Dead FF 53.60# Built to 14 in. FSI 1055# Dead FH 2149# BHT 119°F Recovery: 95' Clean Oil 30' OCM 20% Oil
	Respectfully Jason 7-9-2010

