



KANSAS CORPORATION COMMISSION 1048214
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 SLOW
 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 #: _____

04/01/2010	04/09/2010	06/30/2010
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-135-25027-00-00
Spot Description: _____
NE SW NE NE Sec. 31 Twp. 18 S. R. 21 East West
720 Feet from North / South Line of Section
760 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Ness
Lease Name: Schniepp Well #: 2-31NE
Field Name: DeWald North
Producing Formation: Mississippian
Elevation: Ground: 2119 Kelly Bushing: 2125
Total Depth: 4232 Plug Back Total Depth: 4230
Amount of Surface Pipe Set and Cemented at: 1386 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: 26000 ppm Fluid volume: 240 bbls
Dewatering method used: Hauled to Disposal
Location of fluid disposal if hauled offsite:
Operator Name: American Warrior
Lease Name: Jensen License #: 4058
Quarter SE Sec. 27 Twp. 18 S. R. 21 East West
County: Ness Permit #: D28235

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: 12/15/2010

Reid



1048214

Operator Name: American Warrior, Inc. Lease Name: Schniepp Well #: 2-31NE
 Sec. 31 Twp. 18 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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Attach Additional Sheets) Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No 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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (If no, Submit Copy) List All E. Logs Run: Dual Induction, Dual Compensated Porosity Dual Receiver Cement Bond	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum Attached Attached Attached
--	--

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	1386	SMD	450	1/4# Flocele
Production	7.875	5.5	15.5	4231	EA-2	175	

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 checked="" type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	0-2200	SMD	150	1/4# Flocele

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
4	4222-4230		

TUBING RECORD: Size: <u>2.375</u> Set At: <u>4215</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>06/30/2010</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____	
Estimated Production Per 24 Hours	Oil Bbls. <u>30</u>	Gas Mcf <u>5</u>	Water Bbls. Gas-Oil Ratio Gravity <u>5</u> <u> </u> <u>39</u>

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled (Submit ACO-5) (Submit ACO-4) <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>4222-4230</u>
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Schniepp 2-31NE
Doc ID	1048214

Tops

Anhydrite	1369	+756
Heebner	3596	-1471
Lansing	3641	-1516
BKC	3962	-1837
Pawnee	4041	-1916
Ft. Scott	4124	-1999
Cherokee	4140	-2015
Mississippian	4205	-2080
LTD	4232	-2107



CHARGE TO: **American Warrick Inc**
 ADDRESS:
 CITY, STATE, ZIP CODE:

TICKET
17812

PAGE 1 OF 1

SERVICE LOCATIONS: 1. **Ness City, KS**

WELL/PROJECT NO.: **2-31 NE** LEASE: **SCHWEPP** COUNTY/PARISH: **NESS** STATE: **Ks** CITY: DATE: **4-2-10** OWNER: **SAME**

TICKET TYPE: SERVICE SALES CONTRACTOR: **PETROMARK DRIG # 1** RIG NAME/NO.: SHIPPED VIA: **LOCATION** DELIVERED TO: ORDER NO.:

WELL TYPE: **OIL** WELL CATEGORY: **DEVELOPMENT** JOB PURPOSE: **8 5/8 SURFACE** WELL PERMIT NO.: WELL LOCATION: **BATZWEK - 1 E, 1/4 S, W 2ND**

REFERRAL LOCATION: INVOICE INSTRUCTIONS:

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UM		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE # 110	20		ME		5.00	100.00
576D		1			DUMP CHARGE	1		JOB	1386	1.00	1100.00
221		1			LIGUID KCL	2		Gal		25.00	50.00
281		1			MUD FLUSH	500		Gal		1.00	500.00
409		1			TURBOLIZERS	4		EA	8 5/8"	90.00	360.00
410		1			TOP PLUG	1		EA		100.00	100.00
412		1			BAFFLE PLATE	1		EA		100.00	100.00
330		1			SWIFT MULTIZ-DENSITY STANDARD	460		SKE		14.00	6440.00
276		1			FLOCELS	230		lbs		1.50	345.00
290		1			D-ADR	4		Gal		35.00	140.00
581		1			SERVICE CHARGE CONENT	460		SKE		1.50	690.00
583		1			DRAVAGE	45090		lbs	459.9	1.00	459.90

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 *Budger*
 DATE SIGNED: **4-2-10** TIME SIGNED: **2:00**

REMIT PAYMENT TO:

SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 667560
 785-798-2300

SURVEY	AGREE	UN DECIDED	DIS- AGREE	PAGE TOTAL
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				10384.90
WE UNDERSTOOD AND MET YOUR NEEDS?				
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				TAX
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				
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 The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR: **JASON RATLIFF** APPROVAL:

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 2 APR 10 PAGE NO.

CUSTOMER AMERICAN WARRIOR

WELL NO.

LEASE SCHWIEPP 2-3INE

JOB TYPE CEMENT 85/9

TICKET NO. 17812

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL/GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	2040							ON LOCATION
	2230							START PIPE IN WELL 8 5/8 - 23# TDC 1387 SHOE ST 16' PIPE SET @ 1386
	0010							CENTRALIZERS 1, 5, 11, 24 CIRCULATE
	0026	6	12		✓			PUMP MUD FLUSH
	0028	6	20		✓			PUMP KCL FLUSH
	0033	6	71		✓			MIX 160 SKS @ 11.8 PPG
		6	60.5		✓			MIX 150 SKS @ 12.5 PPG
		6	31		✓			MIX 100 SKS @ 13.5 PPG
		6	13		✓			MIX 50 SKS @ 14.5 PPG
	0058							RELEASE PLUG
	0059	6	89		✓			START DISPLACEMENT
	0114							CIRCULATE 40 SKS TO PIN LAND PLUG
								WASH TRUCK UP
	0200							JOB COMPLETE
								THANKS #110
								JASON, ROGER, LANE, WAYNE



CHARGE TO: American Whiner Inc.
 ADDRESS:
 CITY, STATE, ZIP CODE:

TICKET
18444

PAGE 1 OF 2

SERVICE LOCATIONS
 1. Ness City KS
 2.
 3.
 4.
 REFERRAL LOCATION

WELL PROJECT NO: 2-31 NE LEASE: Schniepp COUNTY/PARISH: Ness STATE: KS CITY: Ness City DATE: 4-7-10 OWNER:
 TICKET TYPE: SERVICE SALES CONTRACTOR: Petro-Mark Drly Co. RIG NAME/NO: 1 SHIPPED VIA: Barue DELIVERED TO: Barue ORDER NO:
 WELL TYPE: Oil WELL CATEGORY: Development JOB PURPOSE: Cement 5 1/2 casing WELL PERMIT NO.: WELL LOCATION: Barue 1/4E S into
 INVOICE INSTRUCTIONS:

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UM		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE Trk # 114	20				5.00	100.00
578		1			Pump Charge Long String	1				1400.00	1400.00
221		1			Liquid KCL	2				25.00	50.00
281		1			Mud flush	500				1.00	500.00
402		1			Centralizer	5				55.00	275.00
403		1			Cement Basket	1				200.00	200.00
406		1			Latch Down Plug + Baffle	1				225.00	225.00
407		1			Insert Floor Shoe w/ A.K. fill	1				275.00	275.00
419		1			Rotating Head Rental	1				150.00	NC

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 [Signature]

DATE SIGNED: 4-9-10 TIME SIGNED: 06:00 AM PM

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
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				3025.00
WE UNDERSTOOD AND MET YOUR NEEDS?				Page # 2 3998.150
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				TAX
ARE YOU SATISFIED WITH OUR SERVICE?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO		TOTAL
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES: The customer hereby acknowledges receipt of the materials and services listed on this label.

SWIFT OPERATOR: [Signature] APPROVAL: [Signature]

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 4-9-10 PAGE NO.

CUSTOMER American Warrior WELL NO. 2-31 NE LEASE Schniepp JOB TYPE Cement 5 1/2 Casing TICKET NO. 18444

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0600							On Location TD-4233' Cent. 1,2,3,4,90 TP-4235' Basket. 5 PS-4232' SS-42'
	0700							Start 5 1/2 Casing
	0815							Break Circulation
	0930	6 3/4	32	✓			200	Pump Mud Flush + KCL Flush
	0935	3	7	✓				Plug Rat Hole 30sk5
	0940	4		✓			200	Start Cement 145sk5 @ 15.5ppg
	0955		35					Shut Down - Release Plug - Wash Pump Lines
	1000	6 3/4		✓			200	Start Displacement
		6 3/4	75	✓			400	Lift Cement
								Max Lift
	1015		99.7				1500	Land Plug - Release - Hold
								Wash Truck
	1045							Job Complete
								Thank you Brett, David + Jason



CHARGE TO: American West or Inc.
 ADDRESS:
 CITY, STATE, ZIP CODE:

TICKET
17886

PAGE 1 OF 1

SERVICE LOCATIONS 1. <u>Ness City, KS</u>	WELL/PROJECT NO. <u>2-31 NE</u>	LEASE <u>Schniepp</u>	COUNTY/PARISH <u>Ness</u>	STATE <u>KS</u>	CITY <u>Ness City</u>	DATE <u>4-27-10</u>	OWNER
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR	RIG NAME/NO.	SHIPPED VIA	DELIVERED TO <u>Raine</u>	ORDER NO.	
3.	WELL TYPE <u>Oil</u>	WELL CATEGORY <u>Development</u>	JOB PURPOSE <u>Cement Between 8 5/8" & 5 1/2"</u>	WELL PERMIT NO.	WELL LOCATION <u>Between 1 NE S into</u>		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UM.		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE TRK # 114	10	mi			5.00	50.00
577		1			Pump Charge	1	hr			850.00	850.00
581		1			Service Charge Cement	150	cks			1.50	225.00
582		1			Minimum Drillage Charge	1	hr			250.00	250.00
330		1			Swift Mullin-Deardorff Standard	150	cks			15.00	2250.00
271		1			Floccle	38	lbs			1.50	57.00
290		1			D-Air	2	gal			35.00	70.00

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 4-27-10 TIME SIGNED 1400

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	3752.00
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	3877.98

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this bill.

SWIFT OPERATOR Brett Carson APPROVAL

Thank You!

Geological Report

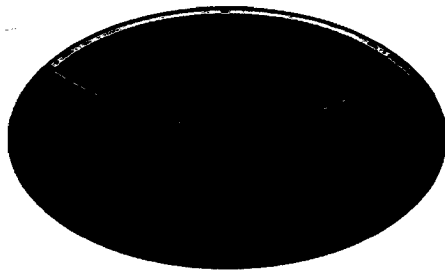
American Warrior, Inc.

Schniepp #2-31NE

720' FNL & 760' FEL

Sec. 31 T18s R21w

Ness County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
Schniepp #2-31NE
720' FNL & 760' FEL
Sec. 31 T18s R21w
Ness County, Kansas
API # 15-135-25027-0000

Drilling Contractor: Petromark Drilling, LLc Rig # 1

Geologist: Jason Alm

Spud Date: April 1, 2010

Completion Date: April 9, 2010

Elevation: 2119' Ground Level
2125' Kelly Bushing

Directions: Bazine KS, ½ mi. East on Hwy 96, South into location.

Casing: 1386' 8 5/8" surface casing
4231' 5 1/2" production casing

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

Drilling Time: 3500' to RTD

Electric Logs: Log-Tech, Inc. "Jason Wellbrock"
CNL/CNL, DIL

Drillstem Tests: Three, Trilobite Testing, Inc. "Brett Dickinson, Jeff Brown"

Problems: None

Remarks: None

Formation Tops

Formation	American Warrior, Inc. Schniepp #2-31NE Sec. 31 T18s R21w 720' FNL & 760' FEL
Anhydrite	1369', +756
Base	1404', +721
Heebner	3596', -1471
Lansing	3641', -1516
BKc	3962', -1837
Pawnee	4041', -1916
Fort Scott	4124', -1999
Cherokee	4140', -2015
Mississippian	4205', -2080
Osage	4215', -2090
LTD	4232', -2107
RTD	4233', -2108

Sample Zone Descriptions

- Cherokee Sand (4146', -2021):** Covered in DST #1
 Ss – Quartz, fine grained, well sorted, sub-rounded, well to fair cementation with poor inter-granular porosity, light to good oil stain with light saturation, show of free oil, light odor, light yellow cut fluorescents, 24 units hotwire.
- Mississippian Osage (4215', -2090):** Covered in DST #2,3
 Dolo – Δ – Fine sucrosic crystalline with fair to very good inter-crystalline and vuggy porosity, heavy chert, triptolitic, weathered with good vuggy porosity, heavy oil stain and saturation, strong show of free oil, strong odor, bright yellow cut fluorescents, 110-135 units hotwire.

Drill Stem Tests
Trilobite Testing, Inc.
"Brett Dickinson, Jeff Brown"

DST #1

Cherokee Sand

Interval (4138' - 4162') Anchor Length 24'

IHP	- 2063 #	
IFP	- 30" - W.S.B.	16-18 #
ISI	- 30" - Dead	35 #
FFP	- 15" - Dead	18 #
FHP	- 2012 #	
BHT	- 105°F	

Recovery: 1' Mud

DST #2

Mississippian Osage

Interval (4218' - 4225') Anchor Length 7'

IHP	- 2080 #	
IFP	- 45" - Built to 1 ¼ in.	26-32 #
ISI	- 45" - Dead	1234 #
FFP	- 45" - Dead	27-37 #
FSI	- 45" - Dead	1163 #
FHP	- 2063 #	
BHT	- 114°F	

Recovery: 2' Mud

DST #3

Mississippian Osage

Interval (4219' - 4230') Anchor Length 11'

IHP	- 2109 #	
IFP	- 20" - B.O.B. 8 min.	30-91 #
ISI	- 30" - Built to 1 ¼ in.	1172 #
FFP	- 20" - B.O.B. 11 min.	99-134 #
FSI	- 30" - Built to 1 in.	1111 #
FHP	- 2037 #	
BHT	- 118°F	

Recovery:	186' GIP	
	217' CGO	Gravity: 40° API
	62' MGO	55% Oil
	62' HOGCWM	30% Oil, 10% Water

Structural Comparison

	American Warrior, Inc. Schniepp #2-31NE Sec. 31 T18s R21w 720' FNL & 760' FEL	D N B Drilling, Inc. Schniepp #1 Sec. 32 T18s R21w 2590' FNL & 2640' FEL		American Warrior, Inc. Schniepp #1-31NE Sec. 31 T18s R21w 2150' FNL & 900' FEL	
Formation					
Anhydrite	1369', +756	1351', +771	(-15)	1375', +756	FL
Base	1404', +721	NA	NA	1409', +722	(-1)
Heebner	3596', -1471	3582', -1460	(-11)	3600', -1469	(-2)
Lansing	3641', -1516	3627', -1505	(-11)	3646', -1515	(-1)
BKc	3962', -1837	NA	NA	3968', -1837	FL
Pawnee	4041', -1916	NA	NA	4047', -1916	FL
Fort Scott	4124', -1999	4103', -1981	(-18)	4129', -1998	(-1)
Cherokee	4140', -2015	NA	NA	4144', -2013	(-2)
Mississippian	4205', -2080	4195', -2073	(-7)	4220', -2089	(+9)
Osage	4215', -2090	4199', -2077	(-13)	4233', -2102	(+12)

Summary

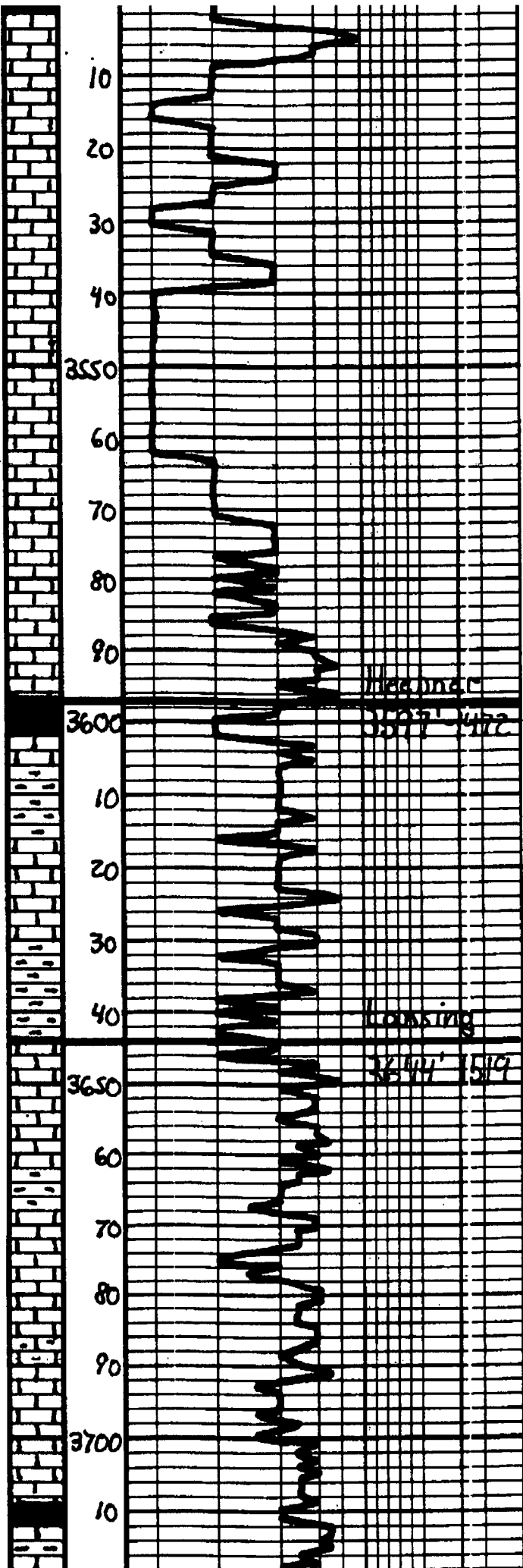
The location for the Schniepp #2-31NE was found via 3-D seismic survey. The new well ran structurally as expected via the survey. Three drill stem tests were conducted one of which recovered commercial amounts of oil from the Mississippian Osage Formation. After all gathered data had examined the decision was made to run 5 1/2 inch production casing to further evaluate the Schniepp #2-31NE well.

Recommended Perforations

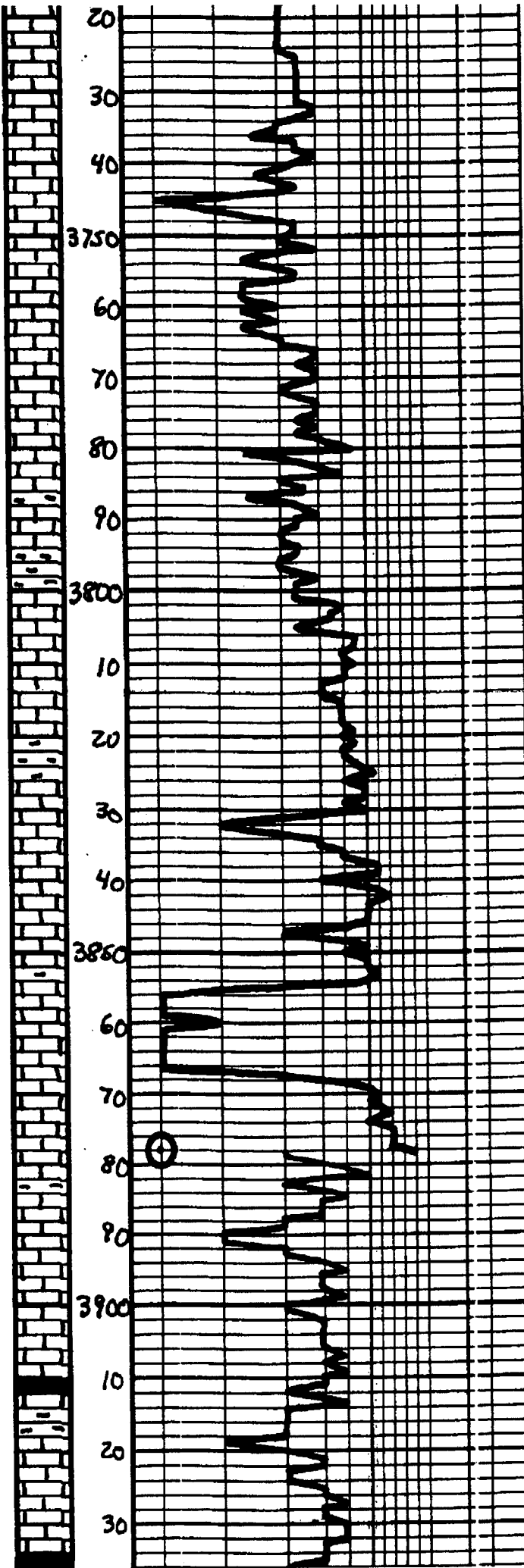
Mississippian Osage: (4215' – 4230') DST #2,3

Respectfully Submitted,

Jason Alm
Hard Rock Consulting, Inc.



	Geo on location 9:00 p.m. 4-5-10
LS - Tan. Lt. gray, Fossiliferous, Mottled	
LS - alc	
LS - alc, Chalky	
LS - Tan. Lt. gray, Fossiliferous, Chalky, Mottled	
LS - Tan. Lt. gray, Fossiliferous, Mottled, Barren	
LS - alc, DNS	
Sh - Dark Lark	Mud Vis. 41 Wt. 8.7
Sh - Gray - Ben - Gen	
LS - Off-white - Lt. gray, Fossiliferous, w/porosity, interstratified, Barren	
Sh - Gray - Ben - Gen	
LS - Tan. Lt. gray, Fossiliferous, w/porosity, Barren	
LS - alc, DNS	
Sh - Gray - Ben	
LS - Off-white - Tan. gray, Fossiliferous, w/porosity, Barren	
Sh - Gray - Ben	
LS - Off-white - Lt. gray, Fossiliferous, w/porosity, Barren, Salt flat - gray	Mud Vis. 46 Wt. 8.8
LS - alc, Muddy, DNS	
Sh - Dark gray - BK	



LS - Offsh. Lt. Gray, Fx. sh.
Fossiliferous, calc. congl. from
Barron

LS - a/a

LS - Offsh. Lt. Gray, Fx. sh.
Fossiliferous, calc. congl. from
Barron

LS - a/a

LS - Offsh. Lt. Gray, Fx. sh.
Sl. fossiliferous, DNS

LS - a/a

Sh - Gray - Bar

LS - Tan - Lt. Gray, Sub. sh.
DNS

LS - a/a

Sh - Gray - Bar

LS - Offsh. Tan, Fx. sh.
Fossiliferous, calc. congl. from
Barron

LS - Tan - Lt. Gray, Sl. Mat. sh.
Sub. sh. DNS

LS - Offsh. Lt. Gray, Fx. sh.
Fossiliferous, calc. congl. from
Barron, Sl. sh.

LS - Offsh. Lt. Gray, Fx. sh.
Fossiliferous, DNS

Tip Track

LS - Offsh. Lt. Gray, Fx. sh.
Fossiliferous, calc. congl. from
Barron

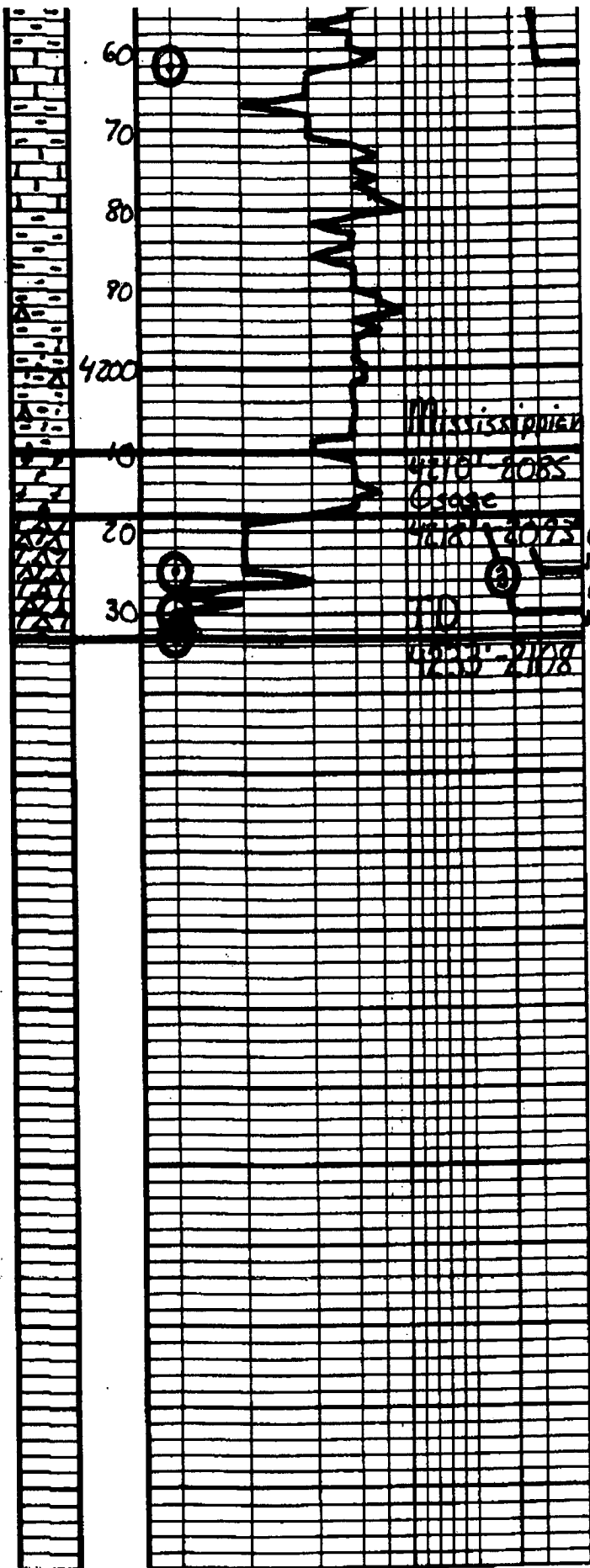
LS - a/a, Mostly DNS

Sh - Dark Gray - Blk

LS - Offsh. Tan, Fx. sh.
Sl. fossiliferous, calc. congl. from
Barron

Sh - Blk. Carb.

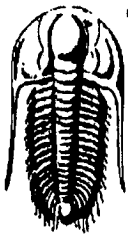
Bit Top @ 3870'



MISSISSIPPIAN
4218' - 2085'
4218' - 2073'
4218' - 2118'
4218' - 2118'

Sh. Gray - Ben. - Con.
L.S. - Tan. - Lt. Gray - Sl. Mottled, Substr. D.S.
Sh. Gray - Ben. - Dk. Ben.
Shale - A. - Mottled - Green
Thin Sh. - Chert - D.S. - U. En
Gr. - Green
Dolo. - Whit. - Lt. Gray - S. - Dolo. D.S.
Dolo. - Whit. - Lt. Ben. - Red. - Xla. - Whit. - Fair - Int. - D.S. - U. En
Lt. - Green - or - Lt. - Sal. - D.S. - U. En
Mott.
Dolo. - als. - w/ - Excellent - Int. - D.S. - U. En
Thin - Sh. - Chert - D.S. - U. En
Thin - Sh. - Chert - D.S. - U. En
Thin - Sh. - Chert - D.S. - U. En
Thin - Sh. - Chert - D.S. - U. En

DST#2	
Mississippian	
4218' - 4225'	
45° - 45° - 45° - 45°	
IN	2080#
IF	26-32# Built to 14in.
ISI	1234# Dead
PF	27-37# Dead
PSI	1163# Dead
FI	2063#
BHT	114°F
Recovery:	
2' Mud	
DST#3	
Mississippian	
4214' - 4230'	
20° - 20° - 20° - 30°	
IN	2104#
IF	30-31# Built to 8 min.
ISI	1124# Built to 14in.
PF	99-134# Built to 11min.
PSI	1119# Built to 1in.
FI	2037#
BHT	118°F
Recovery 341' TP	
186' GIP	
217' ULO 40' MS	
62' D.L.G.O.	
63' D.L.G.O.	
30% D.T. 10% W.D.	
Respectfully, Jason H. 4-9-10	



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

American Warrior
Garden City Ks
67846 PO Box 399
ATTN: Jason Alm

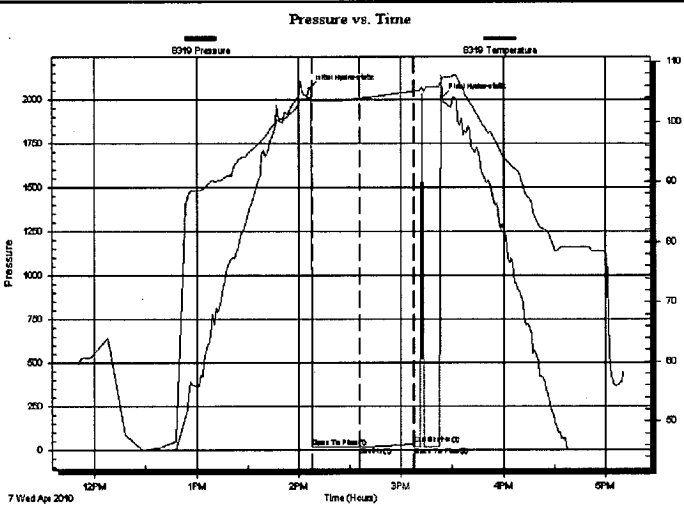
Schniepp #2-31
Sec31Twp18sRge21w
Job Ticket: 38531 **DST#: 1**
Test Start: 2010.04.07 @ 11:50:54

GENERAL INFORMATION:

Formation: **Cher.Sand**
Deviated: **No** Whipstock: ft (KB)
Time Tool Opened: 14:07:54
Time Test Ended: 17:10:54
Test Type: Bottom Hole
Tester: Brett Dickinson
Unit No: 47
Interval: **4138.00 ft (KB) To 4162.00 ft (KB) (TVD)**
Reference Elevations: 2125.00 ft (KB)
Total Depth: 4162.00 ft (KB) (TVD) 2119.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: KB to GR/CF: 6.00 ft

Serial #: 8319 **Inside**
Press@RunDepth: 18.45 psig @ 4144.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2010.04.07 End Date: 2010.04.07 Last Calib.: 2010.04.07
Start Time: 11:50:59 End Time: 17:10:53 Time On Btm: 2010.04.07 @ 14:06:24
Time Off Btm: 2010.04.07 @ 15:23:54

TEST COMMENT: IF-very weak surface blow died in 23min
IS-No blow
FF-No blow Flushed tool



PRESSURE SUMMARY

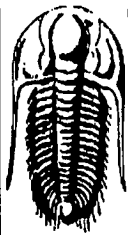
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2062.80	103.95	Initial Hydro-static
2	16.51	103.55	Open To Flow (1)
29	18.45	103.83	Shut-In(1)
61	35.19	105.06	End Shut-In(1)
62	18.03	105.07	Open To Flow (2)
78	2012.33	107.16	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	mud	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior

Schniepp #2-31

Garden City Ks
67846 PO Box 399

Sec31Twp18sRge21w

Job Ticket: 38531

DST#: 1

ATTN: Jason Alm

Test Start: 2010.04.07 @ 11:50:54

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 9100.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	mud	0.005

Total Length:

1.00 ft

Total Volume:

0.005 bbl

Num Fluid Samples: 0

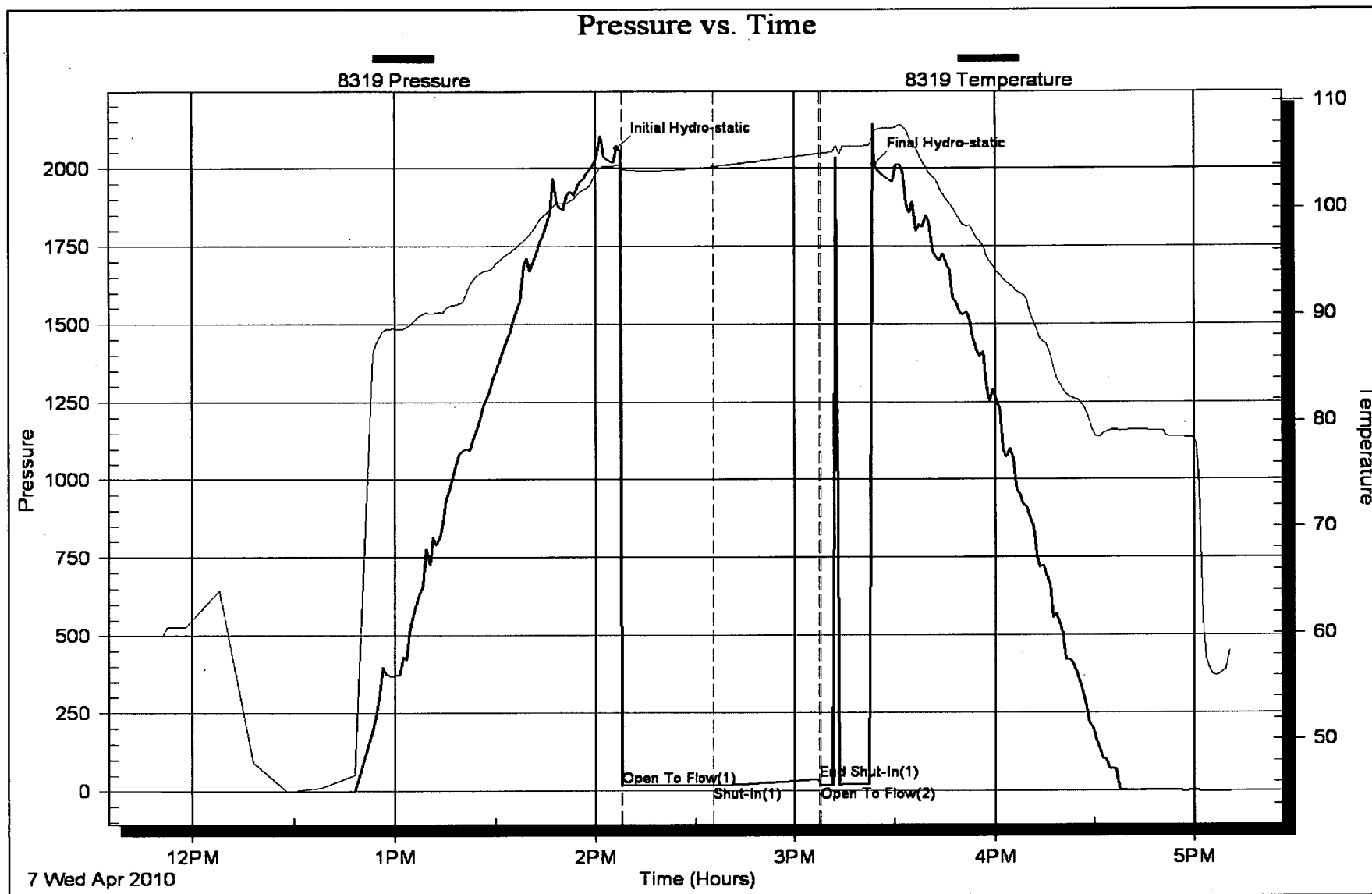
Num Gas Bombs: 0

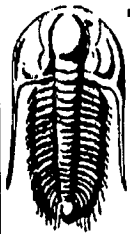
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior

Garden City Ks
67846 PO Box 399

ATTN: Jason Alm

Schniepp #2-31

Sec31Twp18sRge21w

Job Ticket: 38492

DST#: 2

Test Start: 2010.04.08 @ 01:24:13

GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:28:13

Time Test Ended: 08:56:13

Test Type: Bottom Hole

Tester: Jeff Brown

Unit No: 47

Interval: 4218.00 ft (KB) To 4225.00 ft (KB) (TVD)

Total Depth: 4225.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2125.00 ft (KB)

2119.00 ft (CF)

KB to GR/CF: 6.00 ft

Serial #: 8319

Inside

Press@RunDepth: 37.00 psig @ 4222.00 ft (KB)

Start Date: 2010.04.08

End Date:

2010.04.08

Start Time: 01:24:18

End Time:

08:56:12

Capacity: 8000.00 psig

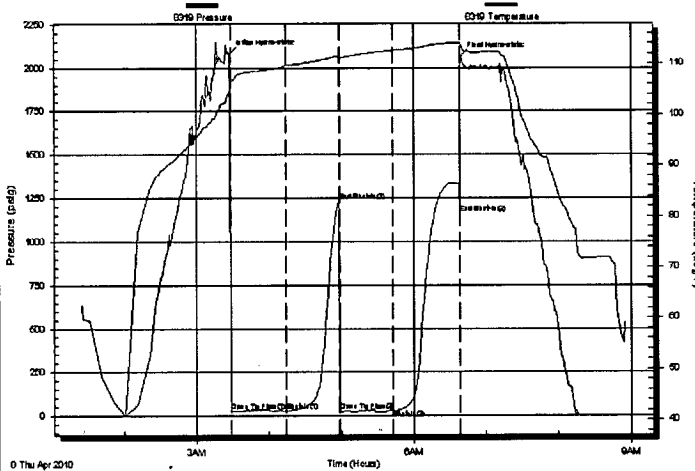
Last Calib.: 2010.04.08

Time On Btm: 2010.04.08 @ 03:27:43

Time Off Btm: 2010.04.08 @ 06:39:12

TEST COMMENT: IFP-Weak blow built to 1 1/4 in
ISI-Dead no blow back
FFP-Dead no blow
FSI-Dead no blow back

Pressure vs. Time



PRESSURE SUMMARY

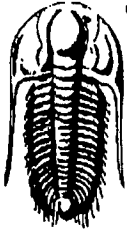
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2080.74	104.46	Initial Hydro-static
1	26.59	105.83	Open To Flow (1)
46	31.88	109.60	Shut-In(1)
90	1234.38	111.48	End Shut-In(1)
91	27.79	111.20	Open To Flow (2)
135	37.00	112.62	Shut-In(2)
191	1163.15	114.12	End Shut-In(2)
192	2063.22	114.02	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	mud	0.01

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior
Garden City Ks
67846 PO Box 399
ATTN: Jason Alm

Schniepp #2-31
Sec31Twp18sRge21w
Job Ticket: 38492 **DST#: 2**
Test Start: 2010.04.08 @ 01:24:13

Mud and Cushion Information

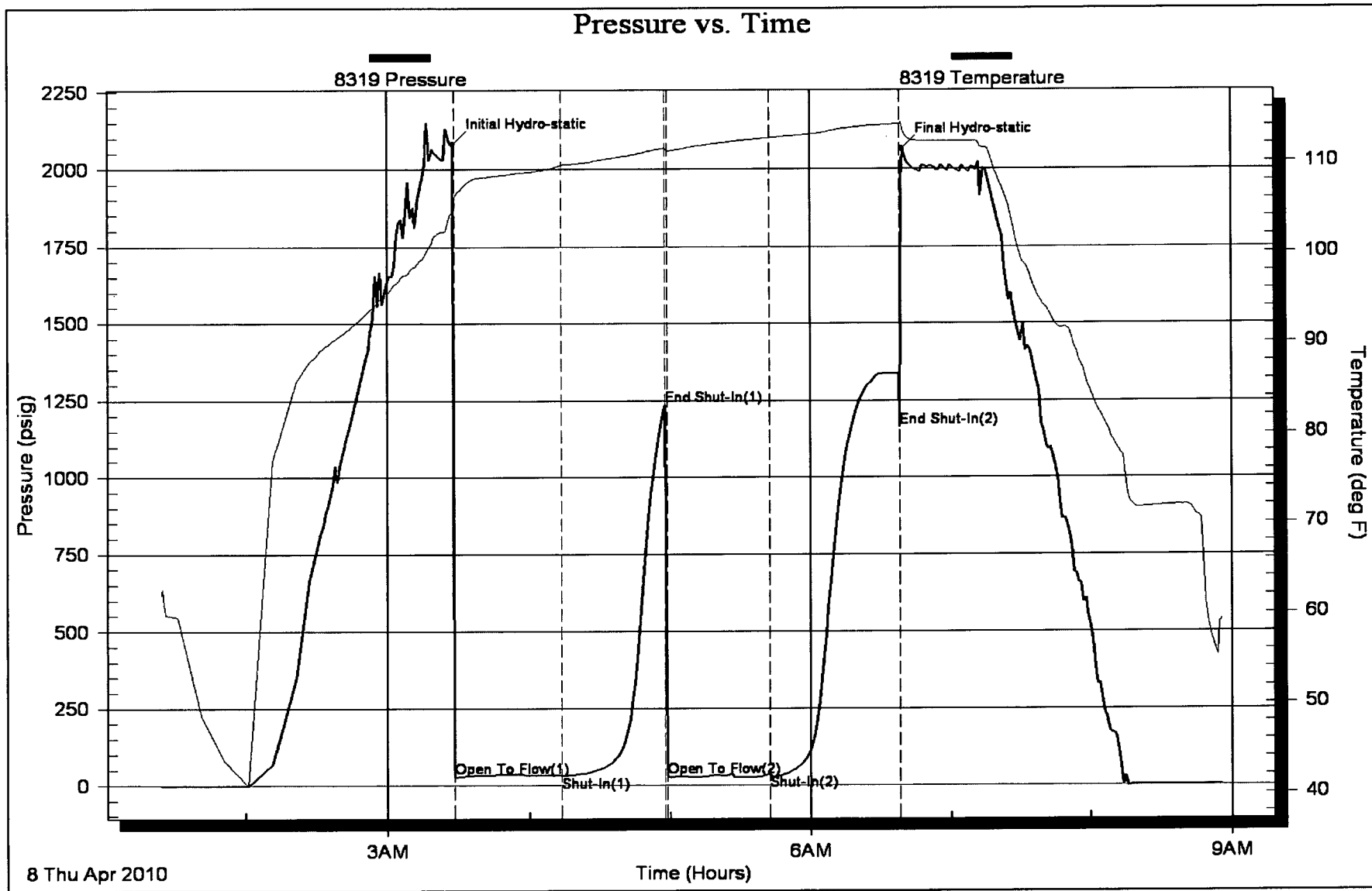
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 58.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.98 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 9100.00 ppm			
Filter Cake: inches			

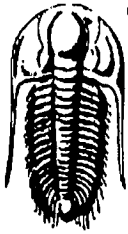
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	mud	0.010

Total Length: 2.00 ft Total Volume: 0.010 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:





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TESTING, INC.**

DRILL STEM TEST REPORT

American Warrior
Garden City Ks
67846 PO Box 399
ATTN: Jason Alm

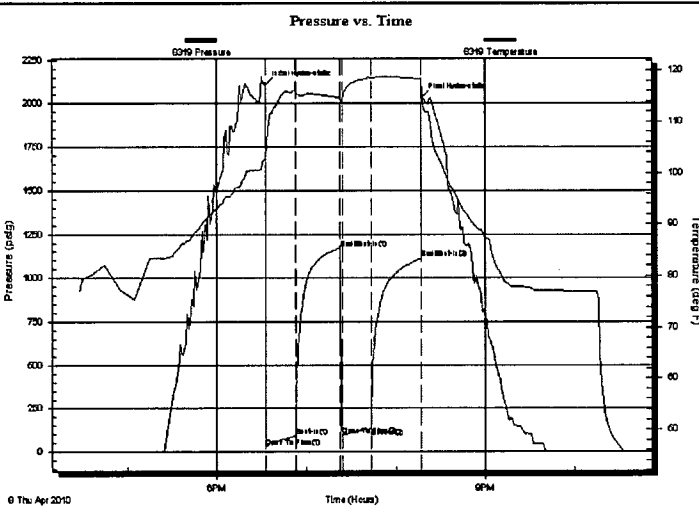
Schniepp #2-31
Sec31Twp18sRge21w
Job Ticket: 38493 **DST#: 3**
Test Start: 2010.04.08 @ 16:27:29

GENERAL INFORMATION:

Formation: **Miss**
Deviated: **No** Whipstock: ft (KB)
Time Tool Opened: 18:32:59
Time Test Ended: 22:32:59
Test Type: Bottom Hole
Tester: Brett Dickinson
Unit No: 47
Interval: **4219.00 ft (KB) To 4230.00 ft (KB) (TVD)**
Reference Elevations: 2125.00 ft (KB)
Total Depth: 4162.00 ft (KB) (TVD) 2119.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 6.00 ft

Serial #: 8319 **Inside**
Press@RunDepth: 134.27 psig @ 4220.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2010.04.08 End Date: 2010.04.08 Last Calib.: 2010.04.08
Start Time: 16:27:34 End Time: 22:32:58 Time On Btm: 2010.04.08 @ 18:32:29
Time Off Btm: 2010.04.08 @ 20:17:29

TEST COMMENT: IFF-Strong blow BOB in 8 min
ISI-Weak blow back Built to 1 1/4 in died back to 1 in
FFF-Strong blow BOB in 11 min
FSI-Weak blow back built to 1 in



PRESSURE SUMMARY

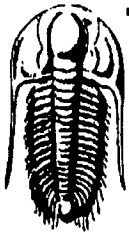
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2109.34	102.73	Initial Hydro-static
1	29.61	102.91	Open To Flow (1)
20	90.74	116.05	Shut-In(1)
50	1172.01	114.62	End Shut-In(1)
51	99.08	113.89	Open To Flow (2)
71	134.27	118.55	Shut-In(2)
104	1111.69	118.31	End Shut-In(2)
105	2036.87	115.21	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
217.00	Clean Oil	1.91
62.00	MCGO25%M20%G55%O	0.87
62.00	HGOCWM10%G30%O10%W50%M	0.87
0.00	186 GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior
Garden City Ks
67846 PO Box 399
ATTN: Jason Alm

Schniepp #2-31
Sec31Twp18sRge21w
Job Ticket: 38493 **DST#: 3**
Test Start: 2010.04.08 @ 16:27:29

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 54.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.39 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 7400.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
217.00	Clean Oil	1.914
62.00	MCGO25%M20%G55%O	0.870
62.00	HGOCWM10%G30%O10%W50%M	0.870
0.00	186 GIP	0.000

Total Length: 341.00 ft Total Volume: 3.654 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

